CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :	**PHILIPS**
Type number :	**50302/XX/E7**
Description of the product (reference - type) :	**limbali bar/tube 2x50W 230V**

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives. References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:

Kontich, Belgium 23/09/2015

Geert Reusen
Product Qualtity Manager
Signature and name
Responsible for the manufacturer

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Company stamp

PHILIPS

Confidential

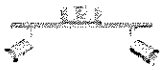
COMPLIANCE REPORT FORM LVD

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514432_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50302/XX/E7	Trademark	PHL
Product Group	limbali bar/tube nickel 2x50W 230V	Project No	150609
Client Ref No	CD1506091A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires		



RATINGS

Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	2	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

SECTION		REPORT REFERENCE	OK	NOK	NA
§ 5 Marking		Rating Labels_16SS5_FamG.PDF	●	○	○
§ 6 Construction		CB certificate_fixed light\4324032.50.PDF\ Clause 1.6(4)	●	○	○
§ 7 Creepage, distances & clearances		CB certificate_fixed light\4324032.50.PDF\ Clause 1.7(11)	●	○	○
§ 8 Provision for earthing		CB certificate_fixed light\4324032.50.PDF\ Clause 1.8(7)	●	○	○
§ 9 Terminal		CB certificate_fixed light\4324032.50.PDF\ Clause 1.9(14 & 15)	●	○	○
§ 10 External and internal wiring		CB certificate_fixed light\4324032.50.PDF\ Clause 1.10(5)	●	○	○
§ 11 Protection against electric shock		CB certificate_fixed light\4324032.50.PDF\ Clause 1.11(8)	●	○	○
§ 12	Endurance test	CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)	●	○	○
	Thermal test	CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)	●	○	○
§ 13 Resistance to dust & moisture		CB certificate_fixed light\4324032.50.PDF\ Clause 1.13(9)	●	○	○
§ 14 Insulation resistance and electric strength		CB certificate_fixed light\4324032.50.PDF\ Clause 1.14(10)	●	○	○
§ 15 Resistance to heat, fire & tracking		CB certificate_fixed light\4324032.50.PDF\ Clause 1.15(13)	●	○	○

CONCLUSION			
Complies with the relevant standard(s)?	●	○	

COMPLIANCE REPORT FORM EMC

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514432_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50302/XX/E7	Trademark	PHL
Product Group	limbali bar/tube nickel 2x50W 230V	Project No	150609
Client Ref No	CD1506091A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		

RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	2	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009				
Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.		○	○	●
EN 61000-3-2: 2006, Amendment 1,2: 2009				
Limits for harmonic current emissions.		○	○	●
EN 61000-3-3: 2008				
Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.		○	○	●
EN 61547: 2009				
Equipment for general lighting purposes. EMC Immunity requirements.		○	○	●

CONCLUSION			
Complies with the relevant standard(s)?	○	○	●

COMPLIANCE REPORT FORM R&TTE

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514432_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50302/XX/E7	Trademark	PHL
Product Group	limbali bar/tube nickel 2x50W 230V	Project No	150609
Client Ref No	CD1506091A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		

RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	2	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
ETSI EN 300 328 V1.8.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		○	○	◉
ETSI EN 301 489-1 V1.9.2				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		○	○	◉
ETSI EN 301 489-17 V2.2.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems		○	○	◉
EN 62479:2010				
Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		○	○	◉

CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :	**PHILIPS**
Type number :	**50303/XX/E7**
Description of the product (reference - type) :	**limbali plate/spiral 3x50W 230V**

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives. References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:

Kontich, Belgium 23/09/2015

Geert Reusen
Product Qualtity Manager
Signature and name
Responsible for the manufacturer

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Company stamp

PHILIPS

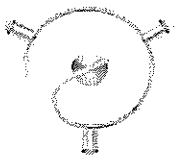
Confidential

COMPLIANCE REPORT FORM LVD

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514433_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50303/XX/E7	Trademark	PHL
Product Group	limbali plate/spiral nickel 3x50W 230V	Project No	150610
Client Ref No	CD1506101A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires		



RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	3	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

SECTION		REPORT REFERENCE	OK	NOK	NA
§ 5 Marking		Rating Labels_16SS5_FamG.PDF	●	○	○
§ 6 Construction		CB certificate_fixed light\4324032.50.PDF\ Clause 1.6(4)	●	○	○
§ 7 Creepage, distances & clearances		CB certificate_fixed light\4324032.50.PDF\ Clause 1.7(11)	●	○	○
§ 8 Provision for earthing		CB certificate_fixed light\4324032.50.PDF\ Clause 1.8(7)	●	○	○
§ 9 Terminal		CB certificate_fixed light\4324032.50.PDF\ Clause 1.9(14 & 15)	●	○	○
§ 10 External and internal wiring		CB certificate_fixed light\4324032.50.PDF\ Clause 1.10(5)	●	○	○
§ 11 Protection against electric shock		CB certificate_fixed light\4324032.50.PDF\ Clause 1.11(8)	●	○	○
§ 12	Endurance test	CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)	●	○	○
	Thermal test	CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)	●	○	○
§ 13 Resistance to dust & moisture		CB certificate_fixed light\4324032.50.PDF\ Clause 1.13(9)	●	○	○
§ 14 Insulation resistance and electric strength		CB certificate_fixed light\4324032.50.PDF\ Clause 1.14(10)	●	○	○
§ 15 Resistance to heat, fire & tracking		CB certificate_fixed light\4324032.50.PDF\ Clause 1.15(13)	●	○	○

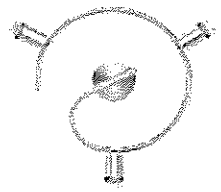
CONCLUSION		
Complies with the relevant standard(s)?	●	○

COMPLIANCE REPORT FORM EMC

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514433_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50303/XX/E7	Trademark	PHL
Product Group	limbali plate/spiral nickel 3x50W 230V	Project No	150610
Client Ref No	CD1506101A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		



RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	3	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009				
Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.		○	○	◉
EN 61000-3-2: 2006, Amendment 1,2: 2009				
Limits for harmonic current emissions.		○	○	◉
EN 61000-3-3: 2008				
Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.		○	○	◉
EN 61547: 2009				
Equipment for general lighting purposes. EMC Immunity requirements.		○	○	◉

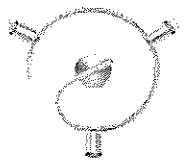
CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉

COMPLIANCE REPORT FORM R&TTE

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514433_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50303/XX/E7	Trademark	PHL
Product Group	limbali plate/spiral nickel 3x50W 230V	Project No	150610
Client Ref No	CD1506101A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		



RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	3	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
ETSI EN 300 328 V1.8.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		○	○	◉
ETSI EN 301 489-1 V1.9.2				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		○	○	◉
ETSI EN 301 489-17 V2.2.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems		○	○	◉
EN 62479:2010				
Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		○	○	◉

CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :	**PHILIPS**
Type number :	**50310/XX/E7**
Description of the product (reference - type) :	**meranti single spot 1x35W 230V**

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives. References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:

Kontich, Belgium 23/09/2015

Geert Reusen
Product Qualtity Manager
Signature and name
Responsible for the manufacturer

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Company stamp

PHILIPS

Confidential

COMPLIANCE REPORT FORM LVD

QUALITY DEPARTMENT

TEST RECORD

Report No	CODE0514436_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50310/XX/E7	Trademark	PHL
Product Group	meranti single spot nickel 1x35W 230V	Project No	150613
Client Ref No	CD1506131A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires		

RATINGS

Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	35	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

SECTION		REPORT REFERENCE	OK	NOK	NA
§ 5 Marking		Rating Labels_16SS5_FamH.PDF	●	○	○
§ 6 Construction		CB certificate_fixed light\4324032.50.PDF\ Clause 1.6(4)	●	○	○
§ 7 Creepage, distances & clearances		CB certificate_fixed light\4324032.50.PDF\ Clause 1.7(11)	●	○	○
§ 8 Provision for earthing		CB certificate_fixed light\4324032.50.PDF\ Clause 1.8(7)	●	○	○
§ 9 Terminal		CB certificate_fixed light\4324032.50.PDF\ Clause 1.9(14 & 15)	●	○	○
§ 10 External and internal wiring		CB certificate_fixed light\4324032.50.PDF\ Clause 1.10(5)	●	○	○
§ 11 Protection against electric shock		CB certificate_fixed light\4324032.50.PDF\ Clause 1.11(8)	●	○	○
§ 12	Endurance test	CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)	●	○	○
	Thermal test	CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)	●	○	○
§ 13 Resistance to dust & moisture		CB certificate_fixed light\4324032.50.PDF\ Clause 1.13(9)	●	○	○
§ 14 Insulation resistance and electric strength		CB certificate_fixed light\4324032.50.PDF\ Clause 1.14(10)	●	○	○
§ 15 Resistance to heat, fire & tracking		CB certificate_fixed light\4324032.50.PDF\ Clause 1.15(13)	●	○	○

CONCLUSION

Complies with the relevant standard(s)?	●	○

COMPLIANCE REPORT FORM EMC

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514436_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50310/XX/E7	Trademark	PHL
Product Group	meranti single spot nickel 1x35W 230V	Project No	150613
Client Ref No	CD1506131A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		

RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	35	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009				
Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.		○	○	◉
EN 61000-3-2: 2006, Amendment 1,2: 2009				
Limits for harmonic current emissions.		○	○	◉
EN 61000-3-3: 2008				
Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.		○	○	◉
EN 61547: 2009				
Equipment for general lighting purposes. EMC Immunity requirements.		○	○	◉

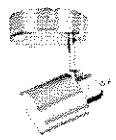
CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉

COMPLIANCE REPORT FORM R&TTE

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514436_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50310/XX/E7	Trademark	PHL
Product Group	meranti single spot nickel 1x35W 230V	Project No	150613
Client Ref No	CD1506131A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		



RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	35	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
ETSI EN 300 328 V1.8.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		○	○	●
ETSI EN 301 489-1 V1.9.2				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		○	○	●
ETSI EN 301 489-17 V2.2.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems		○	○	●
EN 62479:2010				
Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		○	○	●

CONCLUSION			
Complies with the relevant standard(s)?	○	○	●

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :	**PHILIPS**
Type number :	**50312/XX/E7**
Description of the product (reference - type) :	**meranti bar/tube 2x35W 230V**

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives. References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:

Kontich, Belgium 23/09/2015

Geert Reusen
Product Qualtity Manager
Signature and name
Responsible for the manufacturer

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Company stamp

PHILIPS

Confidential

COMPLIANCE REPORT FORM LVD

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514437_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50312/XX/E7	Trademark	PHL
Product Group	meranti bar/tube nickel 2x35W 230V	Project No	150614
Client Ref No	CD1506141A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires		

RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	2	35	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	ZHIHUI.LU	Signature	zhihui lu

The test results presented in this report relate only to the item(s) tested.

SECTION		REPORT REFERENCE	OK	NOK	NA
§ 5 Marking		Rating Labels_16SS5_FamH.PDF	●	○	○
§ 6 Construction		CB certificate_fixed light\4324032.50.PDF\ Clause 1.6(4)	●	○	○
§ 7 Creepage, distances & clearances		CB certificate_fixed light\4324032.50.PDF\ Clause 1.7(11)	●	○	○
§ 8 Provision for earthing		CB certificate_fixed light\4324032.50.PDF\ Clause 1.8(7)	●	○	○
§ 9 Terminal		CB certificate_fixed light\4324032.50.PDF\ Clause 1.9(14 & 15)	●	○	○
§ 10 External and internal wiring		CB certificate_fixed light\4324032.50.PDF\ Clause 1.10(5)	●	○	○
§ 11 Protection against electric shock		CB certificate_fixed light\4324032.50.PDF\ Clause 1.11(8)	●	○	○
§ 12	Endurance test	CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)	●	○	○
	Thermal test	CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)	●	○	○
§ 13 Resistance to dust & moisture		CB certificate_fixed light\4324032.50.PDF\ Clause 1.13(9)	●	○	○
§ 14 Insulation resistance and electric strength		CB certificate_fixed light\4324032.50.PDF\ Clause 1.14(10)	●	○	○
§ 15 Resistance to heat, fire & tracking		CB certificate_fixed light\4324032.50.PDF\ Clause 1.15(13)	●	○	○

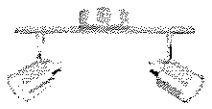
CONCLUSION		
Complies with the relevant standard(s)?	●	○

COMPLIANCE REPORT FORM EMC

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514437_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50312/XX/E7	Trademark	PHL
Product Group	meranti bar/tube nickel 2x35W 230V	Project No	150614
Client Ref No	CD1506141A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		



RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	2	35	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	ZHIHUI.LU	Signature	zhihui.lu
The test results presented in this report relate only to the item(s) tested.			

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009				
Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.		○	○	◉
EN 61000-3-2: 2006, Amendment 1,2: 2009				
Limits for harmonic current emissions.		○	○	◉
EN 61000-3-3: 2008				
Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.		○	○	◉
EN 61547: 2009				
Equipment for general lighting purposes. EMC Immunity requirements.		○	○	◉

CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉

COMPLIANCE REPORT FORM R&TTE

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514437_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50312/XX/E7	Trademark	PHL
Product Group	meranti bar/tube nickel 2x35W 230V	Project No	150614
Client Ref No	CD1506141A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		

RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	2	35	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	ZHIHUI.LU	Signature	Zhihui Lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
ETSI EN 300 328 V1.8.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		○	○	◉
ETSI EN 301 489-1 V1.9.2				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		○	○	◉
ETSI EN 301 489-17 V2.2.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems		○	○	◉
EN 62479:2010				
Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		○	○	◉

CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :	**PHILIPS**
Type number :	**50240/XX/E1**
Description of the product (reference - type) :	**coir single spot 1x4.3W 230V**

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives. References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires
EN 62471: 2008 Photobiological safety of lamps and lamp systems

Electro Magnetic Compatibility - Council Directive 2004/108/EC
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009
EN 61000-3-2: 2006, Amendment 1,2: 2009
EN 61000-3-3: 2008
EN 61547: 2009

EcoDesign Requirements for energy-related products Directive (ErP), 2009/125/EC
Implementing Measure EC/1194/2012

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:

Kontich, Belgium 23/09/2015

Geert Reusen
Product Qualtity Manager
Signature and name
Responsible for the manufacturer

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Company stamp

PHILIPS

Confidential

COMPLIANCE REPORT FORM LVD

QUALITY DEPARTMENT

TEST RECORD

Report No	CODE0514443_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION

Article No	50240/XX/E1	Trademark	PHL
Product Group	coir single spot chrome 1x4.3W 230V	Project No	150584
Client Ref No	CD1505841A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires EN 62471: 2008 Photobiological safety of lamps and lamp systems		

RATINGS

Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	4.3	NOT	LED
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer	ZHIHUI.LU	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

SECTION		REPORT REFERENCE	OK	NOK	NA
§ 5 Marking		Labels_16SS5_FamB.PDF	●	○	○
§ 6 Construction		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.6(4)	●	○	○
§ 7 Creepage, distances & clearances		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.7(11)	●	○	○
§ 8 Provision for earthing		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.8(7)	●	○	○
§ 9 Terminal		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.9(14&15)	●	○	○
§ 10 External and internal wiring		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.10(5)	●	○	○
§ 11 Protection against electric shock		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.11(8)	●	○	○
§ 12	Endurance test	CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.12(12)	●	○	○
	Thermal test	CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.12(12)	●	○	○
§ 13 Resistance to dust & moisture		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.13(9)	●	○	○
§ 14 Insulation resistance and electric strength		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.14(10)	●	○	○
§ 15 Resistance to heat, fire & tracking		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.15(13)	●	○	○

CONCLUSION

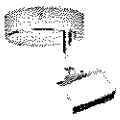
Complies with the relevant standard(s)?	●	○

COMPLIANCE REPORT FORM EMC

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514443_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50240/XX/E1	Trademark	PHL
Product Group	coir single spot chrome 1x4.3W 230V	Project No	150584
Client Ref No	CD1505841A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		



RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	4.3	NOT	LED
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	ZHIHUI.LU	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009				
Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.	EMC and EMF certificate. Zip\4324261.50.PDF	●	○	○
EN 61000-3-2: 2006, Amendment 1,2: 2009				
Limits for harmonic current emissions.	EMC and EMF certificate. Zip\4324261.50.PDF	●	○	○
EN 61000-3-3: 2008				
Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.	EMC and EMF certificate. Zip\4324261.50.PDF	●	○	○
EN 61547: 2009				
Equipment for general lighting purposes. EMC Immunity requirements.	EMC and EMF certificate. Zip\4324261.50.PDF	●	○	○

CONCLUSION		
Complies with the relevant standard(s)?	●	○

COMPLIANCE REPORT FORM R&TTE

QUALITY DEPARTMENT

TEST RECORD

Report No	CODE0514443_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION

Article No	50240/XX/E1	Trademark	PHL
Product Group	coir single spot chrome 1x4.3W 230V	Project No	150584
Client Ref No	CD1505841A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		

RATINGS

Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	4.3	NOT	LED
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer	ZHIHUI.LU	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
ETSI EN 300 328 V1.8.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		○	○	●
ETSI EN 301 489-1 V1.9.2				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		○	○	●
ETSI EN 301 489-17 V2.2.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems		○	○	●
EN 62479:2010				
Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		○	○	●

CONCLUSION			
Complies with the relevant standard(s)?	○	○	●

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :	**PHILIPS**
Type number :	**50242/XX/E1**
Description of the product (reference - type) :	**coir bar/tube 2x4.3W 230V**

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives. References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires
EN 62471: 2008 Photobiological safety of lamps and lamp systems

Electro Magnetic Compatibility - Council Directive 2004/108/EC
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009
EN 61000-3-2: 2006, Amendment 1,2: 2009
EN 61000-3-3: 2008
EN 61547: 2009

EcoDesign Requirements for energy-related products Directive (ErP), 2009/125/EC
Implementing Measure EC/1194/2012

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Kontich, Belgium 23/09/2015

Geert Reusen
Product Qualtity Manager
Signature and name
Responsible for the manufacturer

Company stamp

PHILIPS

Confidential

COMPLIANCE REPORT FORM LVD

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514444_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50242/XX/E1	Trademark	PHL
Product Group	coir bar/tube chrome 2x4.3W 230V	Project No	150585
Client Ref No	CD1505851A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires		
	EN 62471: 2008 Photobiological safety of lamps and lamp systems		

RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	2	4.3	NOT	LED
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

SECTION		REPORT REFERENCE	OK	NOK	NA
§ 5 Marking		Labels_16SS5_FamB.PDF	●	○	○
§ 6 Construction		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.6(4)	●	○	○
§ 7 Creepage, distances & clearances		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.7(11)	●	○	○
§ 8 Provision for earthing		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.8(7)	●	○	○
§ 9 Terminal		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.9(14&15)	●	○	○
§ 10 External and internal wiring		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.10(5)	●	○	○
§ 11 Protection against electric shock		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.11(8)	●	○	○
§ 12	Endurance test	CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.12(12)	●	○	○
	Thermal test	CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.12(12)	●	○	○
§ 13 Resistance to dust & moisture		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.13(9)	●	○	○
§ 14 Insulation resistance and electric strength		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.14(10)	●	○	○
§ 15 Resistance to heat, fire & tracking		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.15(13)	●	○	○

CONCLUSION		
Complies with the relevant standard(s)?	●	○

COMPLIANCE REPORT FORM EMC

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514444_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50242/XX/E1	Trademark	PHL
Product Group	coir bar/tube chrome 2x4.3W 230V	Project No	150585
Client Ref No	CD1505851A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		

RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	2	4.3	NOT	LED
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu
The test results presented in this report relate only to the item(s) tested.			

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009				
Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.	EMC and EMF certificate. Zip\4324261.50.PDF	◉	○	○
EN 61000-3-2: 2006, Amendment 1,2: 2009				
Limits for harmonic current emissions.	EMC and EMF certificate. Zip\4324261.50.PDF	◉	○	○
EN 61000-3-3: 2008				
Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.	EMC and EMF certificate. Zip\4324261.50.PDF	◉	○	○
EN 61547: 2009				
Equipment for general lighting purposes. EMC Immunity requirements.	EMC and EMF certificate. Zip\4324261.50.PDF	◉	○	○

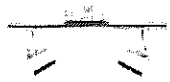
CONCLUSION		
Complies with the relevant standard(s)?	◉	○

COMPLIANCE REPORT FORM R&TTE

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514444_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50242/XX/E1	Trademark	PHL
Product Group	coir bar/tube chrome 2x4.3W 230V	Project No	150585
Client Ref No	CD1505851A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		



RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	2	4.3	NOT	LED
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
ETSI EN 300 328 V1.8.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		○	○	◉
ETSI EN 301 489-1 V1.9.2				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		○	○	◉
ETSI EN 301 489-17 V2.2.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems		○	○	◉
EN 62479:2010				
Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		○	○	◉

CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :	**PHILIPS**
Type number :	**50243/XX/E1**
Description of the product (reference - type) :	**coir bar/tube 3x4.3W 230V**

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives. References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires
EN 62471: 2008 Photobiological safety of lamps and lamp systems

Electro Magnetic Compatibility - Council Directive 2004/108/EC
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009
EN 61000-3-2: 2006, Amendment 1,2: 2009
EN 61000-3-3: 2008
EN 61547: 2009

EcoDesign Requirements for energy-related products Directive (ErP), 2009/125/EC
Implementing Measure EC/1194/2012

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Kontich, Belgium 23/09/2015

Geert Reusen
Product Qualtity Manager
Signature and name
Responsible for the manufacturer

Company stamp

PHILIPS **Confidential**

COMPLIANCE REPORT FORM LVD

QUALITY DEPARTMENT

TEST RECORD

Report No	CODE0514445_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION

Article No	50243/XX/E1	Trademark	PHL
Product Group	coir bar/tube chrome 3x4.3W 230V	Project No	150586
Client Ref No	CD1505861A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires EN 62471: 2008 Photobiological safety of lamps and lamp systems		

RATINGS

Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	3	4.3	NOT	LED
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

SECTION		REPORT REFERENCE	OK	NOK	NA
§ 5 Marking		Labels_16SS5_FamB.PDF	●	○	○
§ 6 Construction		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.6(4)	●	○	○
§ 7 Creepage, distances & clearances		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.7(11)	●	○	○
§ 8 Provision for earthing		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.8(7)	●	○	○
§ 9 Terminal		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.9(14&15)	●	○	○
§ 10 External and internal wiring		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.10(5)	●	○	○
§ 11 Protection against electric shock		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.11(8)	●	○	○
§ 12	Endurance test	CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.12(12)	●	○	○
	Thermal test	CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.12(12)	●	○	○
§ 13 Resistance to dust & moisture		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.13(9)	●	○	○
§ 14 Insulation resistance and electric strength		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.14(10)	●	○	○
§ 15 Resistance to heat, fire & tracking		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.15(13)	●	○	○

CONCLUSION		
Complies with the relevant standard(s)?	●	○

COMPLIANCE REPORT FORM EMC

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514445_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50243/XX/E1	Trademark	PHL
Product Group	coir bar/tube chrome 3x4.3W 230V	Project No	150586
Client Ref No	CD1505861A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		

RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	3	4.3	NOT	LED
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009				
Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.	EMC and EMF certificate. Zip\4324261.50.PDF	◉	○	○
EN 61000-3-2: 2006, Amendment 1,2: 2009				
Limits for harmonic current emissions.	EMC and EMF certificate. Zip\4324261.50.PDF	◉	○	○
EN 61000-3-3: 2008				
Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.	EMC and EMF certificate. Zip\4324261.50.PDF	◉	○	○
EN 61547: 2009				
Equipment for general lighting purposes. EMC Immunity requirements.	EMC and EMF certificate. Zip\4324261.50.PDF	◉	○	○

CONCLUSION		
Complies with the relevant standard(s)?	◉	○

COMPLIANCE REPORT FORM R&TTE

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514445_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50243/XX/E1	Trademark	PHL
Product Group	coir bar/tube chrome 3x4.3W 230V	Project No	150586
Client Ref No	CD1505861A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		

RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	3	4.3	NOT	LED
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
ETSI EN 300 328 V1.8.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		○	○	◉
ETSI EN 301 489-1 V1.9.2				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		○	○	◉
ETSI EN 301 489-17 V2.2.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems		○	○	◉
EN 62479:2010				
Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		○	○	◉

CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :	**PHILIPS**
Type number :	**50244/XX/E1**
Description of the product (reference - type) :	**coir bar/tube 4x4.3W 230V**

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives. References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires
EN 62471: 2008 Photobiological safety of lamps and lamp systems

Electro Magnetic Compatibility - Council Directive 2004/108/EC
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009
EN 61000-3-2: 2006, Amendment 1,2: 2009
EN 61000-3-3: 2008
EN 61547: 2009

EcoDesign Requirements for energy-related products Directive (ErP), 2009/125/EC
Implementing Measure EC/1194/2012

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:

Kontich, Belgium 23/09/2015

Geert Reusen
Product Qualtity Manager
Signature and name
Responsible for the manufacturer

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Company stamp

PHILIPS

Confidential

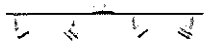
COMPLIANCE REPORT FORM LVD

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514446_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION

Article No	50244/XX/E1	Trademark	PHL
Product Group	coir bar/tube chrome 4x4.3W 230V	Project No	150587
Client Ref No	CD1505871A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires EN 62471: 2008 Photobiological safety of lamps and lamp systems		



RATINGS

Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	4	4.3	NOT	LED
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

SECTION		REPORT REFERENCE	OK	NOK	NA
§ 5 Marking		Labels_16SS5_FamB.PDF	●	○	○
§ 6 Construction		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.6(4)	●	○	○
§ 7 Creepage, distances & clearances		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.7(11)	●	○	○
§ 8 Provision for earthing		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.8(7)	●	○	○
§ 9 Terminal		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.9(14&15)	●	○	○
§ 10 External and internal wiring		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.10(5)	●	○	○
§ 11 Protection against electric shock		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.11(8)	●	○	○
§ 12	Endurance test	CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.12(12)	●	○	○
	Thermal test	CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.12(12)	●	○	○
§ 13 Resistance to dust & moisture		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.13(9)	●	○	○
§ 14 Insulation resistance and electric strength		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.14(10)	●	○	○
§ 15 Resistance to heat, fire & tracking		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.15(13)	●	○	○

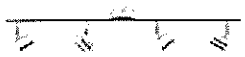
CONCLUSION		
Complies with the relevant standard(s)?	●	○

COMPLIANCE REPORT FORM EMC

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514446_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50244/XX/E1	Trademark	PHL
Product Group	coir bar/tube chrome 4x4.3W 230V	Project No	150587
Client Ref No	CD1505871A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		



RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	4	4.3	NOT	LED
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009				
Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.	EMC and EMF certificate. Zip\4324261.50.PDF	●	○	○
EN 61000-3-2: 2006, Amendment 1,2: 2009				
Limits for harmonic current emissions.	EMC and EMF certificate. Zip\4324261.50.PDF	●	○	○
EN 61000-3-3: 2008				
Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.	EMC and EMF certificate. Zip\4324261.50.PDF	●	○	○
EN 61547: 2009				
Equipment for general lighting purposes. EMC Immunity requirements.	EMC and EMF certificate. Zip\4324261.50.PDF	●	○	○

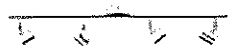
CONCLUSION		
Complies with the relevant standard(s)?	●	○

COMPLIANCE REPORT FORM R&TTE

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514446_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50244/XX/E1	Trademark	PHL
Product Group	coir bar/tube chrome 4x4.3W 230V	Project No	150587
Client Ref No	CD1505871A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		



RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	4	4.3	NOT	LED
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
ETSI EN 300 328 V1.8.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		○	○	●
ETSI EN 301 489-1 V1.9.2				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		○	○	●
ETSI EN 301 489-17 V2.2.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems		○	○	●
EN 62479:2010				
Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		○	○	●

CONCLUSION			
Complies with the relevant standard(s)?	○	○	●

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :	**PHILIPS**
Type number :	**50246/XX/E1**
Description of the product (reference - type) :	**coir bar/tube 6x4.1W 230V**

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives. References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires
EN 62471: 2008 Photobiological safety of lamps and lamp systems

Electro Magnetic Compatibility - Council Directive 2004/108/EC
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009
EN 61000-3-2: 2006, Amendment 1,2: 2009
EN 61000-3-3: 2008
EN 61547: 2009

EcoDesign Requirements for energy-related products Directive (ErP), 2009/125/EC
Implementing Measure EC/1194/2012

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:

Kontich, Belgium 23/09/2015

Geert Reusen
Product Qualtity Manager
Signature and name
Responsible for the manufacturer

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Company stamp

PHILIPS

Confidential

COMPLIANCE REPORT FORM LVD

QUALITY DEPARTMENT

TEST RECORD

Report No	CODE0514447_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION

Article No	50246/XX/E1	Trademark	PHL
Product Group	coir bar/tube chrome 6x4.1W 230V	Project No	150588
Client Ref No	CD1505881A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.Lu
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires EN 62471: 2008 Photobiological safety of lamps and lamp systems		

RATINGS

Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	6	4.3	NOT	LED
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer	zhihui.Lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

SECTION		REPORT REFERENCE	OK	NOK	NA
§ 5 Marking		Labels_16SS5_FamB.PDF	●	○	○
§ 6 Construction		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.6(4)	●	○	○
§ 7 Creepage, distances & clearances		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.7(11)	●	○	○
§ 8 Provision for earthing		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.8(7)	●	○	○
§ 9 Terminal		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.9(14&15)	●	○	○
§ 10 External and internal wiring		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.10(5)	●	○	○
§ 11 Protection against electric shock		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.11(8)	●	○	○
§ 12	Endurance test	CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.12(12)	●	○	○
	Thermal test	CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.12(12)	●	○	○
§ 13 Resistance to dust & moisture		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.13(9)	●	○	○
§ 14 Insulation resistance and electric strength		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.14(10)	●	○	○
§ 15 Resistance to heat, fire & tracking		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.15(13)	●	○	○

CONCLUSION		
Complies with the relevant standard(s)?	●	○

COMPLIANCE REPORT FORM EMC

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514447_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50246/XX/E1	Trademark	PHL
Product Group	coir bar/tube chrome 6x4.1W 230V	Project No	150588
Client Ref No	CD1505881A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.Lu
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		

RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	6	4.3	NOT	LED
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.Lu	Signature	zhihui.lu
The test results presented in this report relate only to the item(s) tested.			

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009				
Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.	EMC and EMF certificate. Zip\4324261.50.PDF	●	○	○
EN 61000-3-2: 2006, Amendment 1,2: 2009				
Limits for harmonic current emissions.	EMC and EMF certificate. Zip\4324261.50.PDF	●	○	○
EN 61000-3-3: 2008				
Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.	EMC and EMF certificate. Zip\4324261.50.PDF	●	○	○
EN 61547: 2009				
Equipment for general lighting purposes. EMC Immunity requirements.		●	○	○

CONCLUSION		
Complies with the relevant standard(s)?	●	○

COMPLIANCE REPORT FORM R&TTE

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514447_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50246/XX/E1	Trademark	PHL
Product Group	coir bar/tube chrome 6x4.1W 230V	Project No	150588
Client Ref No	CD1505881A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.Lu
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		

RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	6	4.3	NOT	LED
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.Lu	Signature	zhihui.lu
The test results presented in this report relate only to the item(s) tested.			

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
ETSI EN 300 328 V1.8.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		○	○	◉
ETSI EN 301 489-1 V1.9.2				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		○	○	◉
ETSI EN 301 489-17 V2.2.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems		○	○	◉
EN 62479:2010				
Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		○	○	◉

CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :	**PHILIPS**
Type number :	**50252/XX/E1**
Description of the product (reference - type) :	**decagon bar/tube 2x4.3W 230V**

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives. References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires
EN 62471: 2008 Photobiological safety of lamps and lamp systems

Electro Magnetic Compatibility - Council Directive 2004/108/EC
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009
EN 61000-3-2: 2006, Amendment 1,2: 2009
EN 61000-3-3: 2008
EN 61547: 2009

EcoDesign Requirements for energy-related products Directive (ErP), 2009/125/EC
Implementing Measure EC/1194/2012

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:

Kontich, Belgium 23/09/2015

Geert Reusen
Product Qualtity Manager
Signature and name
Responsible for the manufacturer

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Company stamp

PHILIPS

Confidential

COMPLIANCE REPORT FORM LVD

QUALITY DEPARTMENT

TEST RECORD

Report No	CODE0514449_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION

Article No	50252/XX/E1	Trademark	PHL
Product Group	decagon bar/tube nickel 2x4.3W 230V	Project No	150590
Client Ref No	CD1505901A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires EN 62471: 2008 Photobiological safety of lamps and lamp systems		

RATINGS

Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	2	4.3	NOT	LED
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer	ZHIHUI.LU	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

SECTION		REPORT REFERENCE	OK	NOK	NA
§ 5 Marking		Labels_16SS5_FamC.PDF	●	○	○
§ 6 Construction		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.6(4)	●	○	○
§ 7 Creepage, distances & clearances		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.7(11)	●	○	○
§ 8 Provision for earthing		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.8(7)	●	○	○
§ 9 Terminal		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.9(14&15)	●	○	○
§ 10 External and internal wiring		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.10(5)	●	○	○
§ 11 Protection against electric shock		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.11(8)	●	○	○
§ 12	Endurance test	CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.12(12)	●	○	○
	Thermal test	CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.12(12)	●	○	○
§ 13 Resistance to dust & moisture		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.13(9)	●	○	○
§ 14 Insulation resistance and electric strength		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.14(10)	●	○	○
§ 15 Resistance to heat, fire & tracking		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.15(13)	●	○	○

CONCLUSION		
Complies with the relevant standard(s)?	●	○

COMPLIANCE REPORT FORM EMC

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514449_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50252/XX/E1	Trademark	PHL
Product Group	decagon bar/tube nickel 2x4.3W 230V	Project No	150590
Client Ref No	CD1505901A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		

RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	2	4.3	NOT	LED
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	ZHIHUI.LU	Signature	zhihui.lu
The test results presented in this report relate only to the item(s) tested.			

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009				
Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.	EMC and EMF certificate. Zip\4324261.50.PDF	●	○	○
EN 61000-3-2: 2006, Amendment 1,2: 2009				
Limits for harmonic current emissions.	EMC and EMF certificate. Zip\4324261.50.PDF	●	○	○
EN 61000-3-3: 2008				
Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.	EMC and EMF certificate. Zip\4324261.50.PDF	●	○	○
EN 61547: 2009				
Equipment for general lighting purposes. EMC Immunity requirements.	EMC and EMF certificate. Zip\4324261.50.PDF	●	○	○

CONCLUSION		
Complies with the relevant standard(s)?	●	○

COMPLIANCE REPORT FORM R&TTE

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514449_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50252/XX/E1	Trademark	PHL
Product Group	decagon bar/tube nickel 2x4.3W 230V	Project No	150590
Client Ref No	CD1505901A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		

RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	2	4.3	NOT	LED
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	ZHIHUI.LU	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
ETSI EN 300 328 V1.8.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		○	○	◉
ETSI EN 301 489-1 V1.9.2				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		○	○	◉
ETSI EN 301 489-17 V2.2.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems		○	○	◉
EN 62479:2010				
Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		○	○	◉

CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :	**PHILIPS**
Type number :	**50253/XX/E1**
Description of the product (reference - type) :	**decagon bar/tube 3x4.3W 230V**

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives. References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires
EN 62471: 2008 Photobiological safety of lamps and lamp systems

Electro Magnetic Compatibility - Council Directive 2004/108/EC
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009
EN 61000-3-2: 2006, Amendment 1,2: 2009
EN 61000-3-3: 2008
EN 61547: 2009

EcoDesign Requirements for energy-related products Directive (ErP), 2009/125/EC
Implementing Measure EC/1194/2012

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:

Kontich, Belgium 23/09/2015

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Geert Reusen
Product Qualtity Manager
Signature and name
Responsible for the manufacturer

Company stamp

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COMPLIANCE REPORT FORM LVD

QUALITY DEPARTMENT

TEST RECORD

Report No	CODE0514450_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION

Article No	5.03E+07	Trademark	PHL
Product Group	decagon bar/tube nickel 3x4.3W 230V	Project No	150591
Client Ref No	CD1505911A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires EN 62471: 2008 Photobiological safety of lamps and lamp systems		

RATINGS

Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	3	4.3	NOT	LED
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer	ZHIHUI.LU	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

SECTION		REPORT REFERENCE	OK	NOK	NA
§ 5 Marking		Labels_16SS5_FamC.PDF	●	○	○
§ 6 Construction		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.6(4)	●	○	○
§ 7 Creepage, distances & clearances		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.7(11)	●	○	○
§ 8 Provision for earthing		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.8(7)	●	○	○
§ 9 Terminal		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.9(14&15)	●	○	○
§ 10 External and internal wiring		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.10(5)	●	○	○
§ 11 Protection against electric shock		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.11(8)	●	○	○
§ 12	Endurance test	CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.12(12)	●	○	○
	Thermal test	CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.12(12)	●	○	○
§ 13 Resistance to dust & moisture		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.13(9)	●	○	○
§ 14 Insulation resistance and electric strength		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.14(10)	●	○	○
§ 15 Resistance to heat, fire & tracking		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.15(13)	●	○	○

CONCLUSION		
Complies with the relevant standard(s)?	●	○

COMPLIANCE REPORT FORM EMC

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514450_V01.XLS	**Page**	1 of 1
Date	2015/9/21	**Issued by**	CNH78040

GENERAL INFORMATION			
Article No	50253170	**Trademark**	PHL
Product Group	decagon bar/tube nickel 3x4.3W 230V	**Project No**	150591
Client Ref No	CD1505911A01	**Manual No**	see BOI
QC Family		**Resp. Engineer**	ZHIHUI.LU
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		

RATINGS						
Class	I	**Rated Voltage**	**# Lamps**	**Rated Wattage**	**Lampholder**	**Lamp**
IP	IP20	230	3	4.3	NOT	LED
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	ZHIHUI.LU	**Signature**	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009				
Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.	EMC and EMF certificate. Zip\4324261.50.PDF	●	○	○
EN 61000-3-2: 2006, Amendment 1,2: 2009				
Limits for harmonic current emissions.	EMC and EMF certificate. Zip\4324261.50.PDF	●	○	○
EN 61000-3-3: 2008				
Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.	EMC and EMF certificate. Zip\4324261.50.PDF	●	○	○
EN 61547: 2009				
Equipment for general lighting purposes. EMC Immunity requirements.	EMC and EMF certificate. Zip\4324261.50.PDF	●	○	○

CONCLUSION			
Complies with the relevant standard(s)?	●	○	○

COMPLIANCE REPORT FORM R&TTE

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514450_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50253170	Trademark	PHL
Product Group	decagon bar/tube nickel 3x4.3W 230V	Project No	150591
Client Ref No	CD1505911A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		

RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	3	4.3	NOT	LED
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	ZHIHUI.LU	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
ETSI EN 300 328 V1.8.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		○	○	●
ETSI EN 301 489-1 V1.9.2				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		○	○	●
ETSI EN 301 489-17 V2.2.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems		○	○	●
EN 62479:2010				
Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		○	○	●

CONCLUSION			
Complies with the relevant standard(s)?	○	○	●

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :	**PHILIPS**
Type number :	**50254/XX/E1**
Description of the product (reference - type) :	**decagon bar/tube 4x4.3W 230V**

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives. References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires
EN 62471: 2008 Photobiological safety of lamps and lamp systems

Electro Magnetic Compatibility - Council Directive 2004/108/EC
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009
EN 61000-3-2: 2006, Amendment 1,2: 2009
EN 61000-3-3: 2008
EN 61547: 2009

EcoDesign Requirements for energy-related products Directive (ErP), 2009/125/EC
Implementing Measure EC/1194/2012

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:

Kontich, Belgium 23/09/2015

Geert Reusen
Product Qualtity Manager
Signature and name
Responsible for the manufacturer

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Company stamp

PHILIPS **Confidential**

COMPLIANCE REPORT FORM LVD

QUALITY DEPARTMENT

TEST RECORD

Report No	CODE0514451_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION

Article No	50254/XX/E1	Trademark	PHL
Product Group	decagon bar/tube nickel 4x4.3W 230V	Project No	150592
Client Ref No	CD1505921A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires EN 62471: 2008 Photobiological safety of lamps and lamp systems		

RATINGS

Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	4	4.3	NOT	LED
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer	ZHIHUI.LU	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

SECTION		REPORT REFERENCE	OK	NOK	NA
§ 5 Marking		Labels_16SS5_FamC.PDF	●	○	○
§ 6 Construction		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.6(4)	●	○	○
§ 7 Creepage, distances & clearances		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.7(11)	●	○	○
§ 8 Provision for earthing		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.8(7)	●	○	○
§ 9 Terminal		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.9(14&15)	●	○	○
§ 10 External and internal wiring		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.10(5)	●	○	○
§ 11 Protection against electric shock		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.11(8)	●	○	○
§ 12	Endurance test	CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.12(12)	●	○	○
	Thermal test	CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.12(12)	●	○	○
§ 13 Resistance to dust & moisture		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.13(9)	●	○	○
§ 14 Insulation resistance and electric strength		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.14(10)	●	○	○
§ 15 Resistance to heat, fire & tracking		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.15(13)	●	○	○

CONCLUSION

Complies with the relevant standard(s)?	●	○

COMPLIANCE REPORT FORM EMC

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514451_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50254/XX/E1	Trademark	PHL
Product Group	decagon bar/tube nickel 4x4.3W 230V	Project No	150592
Client Ref No	CD1505921A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		

RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	4	4.3	NOT	LED
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	ZHIHUI.LU	Signature	zhihui lu
The test results presented in this report relate only to the item(s) tested.			

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009				
Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.	EMC and EMF certificate. Zip\4324261.50.PDF	●	○	○
EN 61000-3-2: 2006, Amendment 1,2: 2009				
Limits for harmonic current emissions.	EMC and EMF certificate. Zip\4324261.50.PDF	●	○	○
EN 61000-3-3: 2008				
Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.	EMC and EMF certificate. Zip\4324261.50.PDF	●	○	○
EN 61547: 2009				
Equipment for general lighting purposes. EMC Immunity requirements.	EMC and EMF certificate. Zip\4324261.50.PDF	●	○	○

CONCLUSION		
Complies with the relevant standard(s)?	●	○

COMPLIANCE REPORT FORM R&TTE

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514451_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50254/XX/E1	Trademark	PHL
Product Group	decagon bar/tube nickel 4x4.3W 230V	Project No	150592
Client Ref No	CD1505921A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		

RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	4	4.3	NOT	LED
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	ZHIHUI.LU	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
ETSI EN 300 328 V1.8.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		○	○	◉
ETSI EN 301 489-1 V1.9.2				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		○	○	◉
ETSI EN 301 489-17 V2.2.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems		○	○	◉
EN 62479:2010				
Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		○	○	◉

CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :	**PHILIPS**
Type number :	**50256/XX/E1**
Description of the product (reference - type) :	**decagon bar/tube 6x4.1W 230V**

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives. References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-2: 1996, Amendment 1: 1997 Recessed luminaires

Electro Magnetic Compatibility - Council Directive 2004/108/EC
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009
EN 61000-3-2: 2006, Amendment 1,2: 2009
EN 61000-3-3: 2008
EN 61547: 2009

EcoDesign Requirements for energy-related products Directive (ErP), 2009/125/EC
Implementing Measure EC/1194/2012

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:

Kontich, Belgium 23/09/2015

Geert Reusen
Product Qualtity Manager
Signature and name
Responsible for the manufacturer

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Company stamp

PHILIPS

Confidential

COMPLIANCE REPORT FORM LVD

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514452_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50256/XX/E1	Trademark	PHL
Product Group	decagon bar/tube nickel 6x4.1W 230V	Project No	150593
Client Ref No	CD1505931A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 60598-2-2: 1996, Amendment 1: 1997 Recessed luminaires		

RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	6	4.3	NOT	LED
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	ZHIHUI.LU	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

SECTION		REPORT REFERENCE	OK	NOK	NA
§ 5 Marking		Labels_16SS5_FamC.PDF	●	○	○
§ 6 Construction		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.6(4)	●	○	○
§ 7 Creepage, distances & clearances		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.7(11)	●	○	○
§ 8 Provision for earthing		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.8(7)	●	○	○
§ 9 Terminal		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.9(14&15)	●	○	○
§ 10 External and internal wiring		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.10(5)	●	○	○
§ 11 Protection against electric shock		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.11(8)	●	○	○
§ 12	Endurance test	CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.12(12)	●	○	○
	Thermal test	CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.12(12)	●	○	○
§ 13 Resistance to dust & moisture		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.13(9)	●	○	○
§ 14 Insulation resistance and electric strength		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.14(10)	●	○	○
§ 15 Resistance to heat, fire & tracking		CB certificate_LED Light.zip\4324032.51.PDF \Clause 1.15(13)	●	○	○

CONCLUSION		
Complies with the relevant standard(s)?	●	○

COMPLIANCE REPORT FORM EMC

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514452_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50256/XX/E1	Trademark	PHL
Product Group	decagon bar/tube nickel 6x4.1W 230V	Project No	150593
Client Ref No	CD1505931A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		

RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	6	4.3	NOT	LED
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	ZHIHUI.LU	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009				
Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.	EMC and EMF certificate. Zip\4324261.50.PDF	○	○	◉
EN 61000-3-2: 2006, Amendment 1,2: 2009				
Limits for harmonic current emissions.	EMC and EMF certificate. Zip\4324261.50.PDF	○	○	◉
EN 61000-3-3: 2008				
Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.	EMC and EMF certificate. Zip\4324261.50.PDF	○	○	◉
EN 61547: 2009				
Equipment for general lighting purposes. EMC Immunity requirements.	EMC and EMF certificate. Zip\4324261.50.PDF	○	○	◉

CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉

COMPLIANCE REPORT FORM R&TTE

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514452_V01.XLS	Page	1 of 1
Date	2015/9/21	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50256/XX/E1	Trademark	PHL
Product Group	decagon bar/tube nickel 6x4.1W 230V	Project No	150593
Client Ref No	CD1505931A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		

RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	6	4.3	NOT	LED
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	ZHIHUI.LU	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
ETSI EN 300 328 V1.8.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		○	○	●
ETSI EN 301 489-1 V1.9.2				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		○	○	●
ETSI EN 301 489-17 V2.2.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems		○	○	●
EN 62479:2010				
Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		○	○	●

CONCLUSION			
Complies with the relevant standard(s)?	○	○	●

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :	**PHILIPS**
Type number :	**59230/XX/E7**
Description of the product (reference - type) :	**enif recessed 1x50W 230V**

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives. References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-2: 1996, Amendment 1: 1997 Recessed luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:

Kontich, Belgium 23/09/2015

Geert Reusen
Product Qualtity Manager
Signature and name
Responsible for the manufacturer

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Company stamp

PHILIPS

Confidential

COMPLIANCE REPORT FORM LVD

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514414_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	59230/XX/E7	Trademark	PHL
Product Group	enif recessed nickel 1x50W 230V	Project No	150618
Client Ref No	CD1506181A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 60598-2-2: 1996, Amendment 1: 1997 Recessed luminaires		

RATINGS						
Class	II	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

SECTION		REPORT REFERENCE	OK	NOK	NA
§ 5 Marking		CB certificate_Recessed.Zip\4324032.53.PDF \copy of marking plate	●	○	○
§ 6 Construction		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.7(4)	●	○	○
§ 7 Creepage, distances & clearances		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.8(11)	●	○	○
§ 8 Provision for earthing		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.9(7)	●	○	○
§ 9 Terminal		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.10(14&15)	●	○	○
§ 10 External and internal wiring		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.11(5)	●	○	○
§ 11 Protection against electric shock		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.12(8)	●	○	○
§ 12	Endurance test	CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.13(12)	●	○	○
	Thermal test	CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.13(12)	●	○	○
§ 13 Resistance to dust & moisture		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.14(9)	●	○	○
§ 14 Insulation resistance and electric strength		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.15(10)	●	○	○
§ 15 Resistance to heat, fire & tracking		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.16(13)	●	○	○

CONCLUSION		
Complies with the relevant standard(s)?	●	○

COMPLIANCE REPORT FORM EMC

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514414_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	59230/XX/E7	Trademark	PHL
Product Group	enif recessed nickel 1x50W 230V	Project No	150618
Client Ref No	CD1506181A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		

RATINGS						
Class	II	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu
The test results presented in this report relate only to the item(s) tested.			

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009				
Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.		○	○	◉
EN 61000-3-2: 2006, Amendment 1,2: 2009				
Limits for harmonic current emissions.		○	○	◉
EN 61000-3-3: 2008				
Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.		○	○	◉
EN 61547: 2009				
Equipment for general lighting purposes. EMC Immunity requirements.		○	○	◉

CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉

COMPLIANCE REPORT FORM R&TTE

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514414_V01.XLS	Page	1 of 1
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GENERAL INFORMATION			
Article No	59230/XX/E7	Trademark	PHL
Product Group	enif recessed nickel 1x50W 230V	Project No	150618
Client Ref No	CD1506181A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		

RATINGS						
Class	II	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu
The test results presented in this report relate only to the item(s) tested.			

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
ETSI EN 300 328 V1.8.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		○	○	◉
ETSI EN 301 489-1 V1.9.2				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		○	○	◉
ETSI EN 301 489-17 V2.2.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems		○	○	◉
EN 62479:2010				
Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		○	○	◉

CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :	**PHILIPS**
Type number :	**59233/XX/E7**
Description of the product (reference - type) :	**enif recessed 3x50W 230V**

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives. References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-2: 1996, Amendment 1: 1997 Recessed luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:

Kontich, Belgium 23/09/2015

Geert Reusen
Product Qualtity Manager
Signature and name
Responsible for the manufacturer

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Company stamp

PHILIPS **Confidential**

COMPLIANCE REPORT FORM LVD

QUALITY DEPARTMENT

TEST RECORD

Report No	CODE0514415_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	59233/XX/E7	Trademark	PHL
Product Group	enif recessed nickel 3x50W 230V	Project No	150621
Client Ref No	CD1506211A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 60598-2-2: 1996, Amendment 1: 1997 Recessed luminaires		

RATINGS

Class	II	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	3	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

SECTION		REPORT REFERENCE	OK	NOK	NA
§ 5 Marking		CB certificate_Recessed.Zip\4324032.53.PDF \copy of marking plate	●	○	○
§ 6 Construction		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.7(4)	●	○	○
§ 7 Creepage, distances & clearances		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.8(11)	●	○	○
§ 8 Provision for earthing		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.9(7)	●	○	○
§ 9 Terminal		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.10(14&15)	●	○	○
§ 10 External and internal wiring		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.11(5)	●	○	○
§ 11 Protection against electric shock		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.12(8)	●	○	○
§ 12	Endurance test	CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.13(12)	●	○	○
	Thermal test	CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.13(12)	●	○	○
§ 13 Resistance to dust & moisture		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.14(9)	●	○	○
§ 14 Insulation resistance and electric strength		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.15(10)	●	○	○
§ 15 Resistance to heat, fire & tracking		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.16(13)	●	○	○

CONCLUSION

Complies with the relevant standard(s)?	●	○	

COMPLIANCE REPORT FORM EMC

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514415_V01.XLS	Page	1 of 1
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GENERAL INFORMATION			
Article No	59233/XX/E7	Trademark	PHL
Product Group	enif recessed nickel 3x50W 230V	Project No	150621
Client Ref No	CD1506211A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		

RATINGS						
Class	II	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	3	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009				
Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.		○	○	◉
EN 61000-3-2: 2006, Amendment 1,2: 2009				
Limits for harmonic current emissions.		○	○	◉
EN 61000-3-3: 2008				
Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.		○	○	◉
EN 61547: 2009				
Equipment for general lighting purposes. EMC Immunity requirements.		○	○	◉

CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉

COMPLIANCE REPORT FORM R&TTE

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514415_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	59233/XX/E7	Trademark	PHL
Product Group	enif recessed nickel 3x50W 230V	Project No	150621
Client Ref No	CD1506211A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		

RATINGS						
Class	II	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	3	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
ETSI EN 300 328 V1.8.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		○	○	◉
ETSI EN 301 489-1 V1.9.2				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		○	○	◉
ETSI EN 301 489-17 V2.2.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems		○	○	◉
EN 62479:2010				
Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		○	○	◉

CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :	**PHILIPS**
Type number :	**59240/XX/E7**
Description of the product (reference - type) :	**enif recessed 1x50W 230V**

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives. References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-2: 1996, Amendment 1: 1997 Recessed luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:

Kontich, Belgium 23/09/2015

Geert Reusen
Product Qualtity Manager
Signature and name
Responsible for the manufacturer

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Company stamp

PHILIPS

Confidential

COMPLIANCE REPORT FORM LVD

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514416_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	59240/XX/E7	Trademark	PHL
Product Group	enif recessed nickel 1x50W 230V	Project No	150708
Client Ref No	CD1507081A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 60598-2-2: 1996, Amendment 1: 1997 Recessed luminaires		

RATINGS						
Class	II	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

SECTION		REPORT REFERENCE	OK	NOK	NA
§ 5 Marking		CB certificate_Recessed.Zip\4324032.53.PDF \copy of marking plate	●	○	○
§ 6 Construction		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.7(4)	●	○	○
§ 7 Creepage, distances & clearances		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.8(11)	●	○	○
§ 8 Provision for earthing		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.9(7)	●	○	○
§ 9 Terminal		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.10(14&15)	●	○	○
§ 10 External and internal wiring		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.11(5)	●	○	○
§ 11 Protection against electric shock		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.12(8)	●	○	○
§ 12	Endurance test	CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.13(12)	●	○	○
	Thermal test	CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.13(12)	●	○	○
§ 13 Resistance to dust & moisture		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.14(9)	●	○	○
§ 14 Insulation resistance and electric strength		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.15(10)	●	○	○
§ 15 Resistance to heat, fire & tracking		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.16(13)	●	○	○

CONCLUSION		
Complies with the relevant standard(s)?	●	○

COMPLIANCE REPORT FORM EMC

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514416_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	59240/XX/E7	Trademark	PHL
Product Group	enif recessed nickel 1x50W 230V	Project No	150708
Client Ref No	CD1507081A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		

RATINGS						
Class	II	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu
The test results presented in this report relate only to the item(s) tested.			

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009				
Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.		○	○	◉
EN 61000-3-2: 2006, Amendment 1,2: 2009				
Limits for harmonic current emissions.		○	○	◉
EN 61000-3-3: 2008				
Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.		○	○	◉
EN 61547: 2009				
Equipment for general lighting purposes. EMC Immunity requirements.		○	○	◉

CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉

COMPLIANCE REPORT FORM R&TTE

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514416_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	59240/XX/E7	Trademark	PHL
Product Group	enif recessed nickel 1x50W 230V	Project No	150708
Client Ref No	CD1507081A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		

RATINGS						
Class	II	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu
The test results presented in this report relate only to the item(s) tested.			

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
ETSI EN 300 328 V1.8.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		○	○	◉
ETSI EN 301 489-1 V1.9.2				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		○	○	◉
ETSI EN 301 489-17 V2.2.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems		○	○	◉
EN 62479:2010				
Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		○	○	◉

CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :	**PHILIPS**
Type number :	**59243/XX/E7**
Description of the product (reference - type) :	**enif recessed 3x50W 230V**

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives. References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-2: 1996, Amendment 1: 1997 Recessed luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Kontich, Belgium 23/09/2015

Geert Reusen
Product Qualtity Manager
Signature and name
Responsible for the manufacturer

Company stamp

PHILIPS

Confidential

COMPLIANCE REPORT FORM LVD

QUALITY DEPARTMENT

TEST RECORD

Report No	CODE0514417_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	59243/XX/E7	Trademark	PHL
Product Group	enif recessed nickel 3x50W 230V	Project No	150709
Client Ref No	CD1507091A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 60598-2-2: 1996, Amendment 1: 1997 Recessed luminaires		

RATINGS

Class	II	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	3	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer: zhihui.lu Signature: zhihui.lu

The test results presented in this report relate only to the item(s) tested.

SECTION		REPORT REFERENCE	OK	NOK	NA
§ 5 Marking		CB certificate_Recessed.Zip\4324032.53.PDF \copy of marking plate	●	○	○
§ 6 Construction		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.7(4)	●	○	○
§ 7 Creepage, distances & clearances		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.8(11)	●	○	○
§ 8 Provision for earthing		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.9(7)	●	○	○
§ 9 Terminal		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.10(14&15)	●	○	○
§ 10 External and internal wiring		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.11(5)	●	○	○
§ 11 Protection against electric shock		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.12(8)	●	○	○
§ 12	Endurance test	CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.13(12)	●	○	○
	Thermal test	CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.13(12)	●	○	○
§ 13 Resistance to dust & moisture		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.14(9)	●	○	○
§ 14 Insulation resistance and electric strength		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.15(10)	●	○	○
§ 15 Resistance to heat, fire & tracking		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.16(13)	●	○	○

CONCLUSION

Complies with the relevant standard(s)?	●	○

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :	**PHILIPS**
Type number :	**59230/XX/E7**
Description of the product (reference - type) :	**enif recessed 1x50W 230V**

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives. References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-2: 1996, Amendment 1: 1997 Recessed luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:

Kontich, Belgium 23/09/2015

Geert Reusen
Product Qualtity Manager
Signature and name
Responsible for the manufacturer

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Company stamp

PHILIPS Confidential

COMPLIANCE REPORT FORM LVD

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514414_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	59230/XX/E7	Trademark	PHL
Product Group	enif recessed nickel 1x50W 230V	Project No	150618
Client Ref No	CD1506181A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 60598-2-2: 1996, Amendment 1: 1997 Recessed luminaires		

RATINGS						
Class	II	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

SECTION		REPORT REFERENCE	OK	NOK	NA
§ 5 Marking		CB certificate_Recessed.Zip\4324032.53.PDF \copy of marking plate	●	○	○
§ 6 Construction		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.7(4)	●	○	○
§ 7 Creepage, distances & clearances		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.8(11)	●	○	○
§ 8 Provision for earthing		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.9(7)	●	○	○
§ 9 Terminal		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.10(14&15)	●	○	○
§ 10 External and internal wiring		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.11(5)	●	○	○
§ 11 Protection against electric shock		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.12(8)	●	○	○
§ 12	Endurance test	CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.13(12)	●	○	○
	Thermal test	CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.13(12)	●	○	○
§ 13 Resistance to dust & moisture		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.14(9)	●	○	○
§ 14 Insulation resistance and electric strength		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.15(10)	●	○	○
§ 15 Resistance to heat, fire & tracking		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.16(13)	●	○	○

CONCLUSION			
Complies with the relevant standard(s)?	●	○	

COMPLIANCE REPORT FORM EMC

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514414_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	59230/XX/E7	Trademark	PHL
Product Group	enif recessed nickel 1x50W 230V	Project No	150618
Client Ref No	CD1506181A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		

RATINGS						
Class	II	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu
The test results presented in this report relate only to the item(s) tested.			

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009				
Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.		○	○	●
EN 61000-3-2: 2006, Amendment 1,2: 2009				
Limits for harmonic current emissions.		○	○	●
EN 61000-3-3: 2008				
Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.		○	○	●
EN 61547: 2009				
Equipment for general lighting purposes. EMC Immunity requirements.		○	○	●

CONCLUSION			
Complies with the relevant standard(s)?	○	○	●

COMPLIANCE REPORT FORM R&TTE

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514414_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	59230/XX/E7	Trademark	PHL
Product Group	enif recessed nickel 1x50W 230V	Project No	150618
Client Ref No	CD1506181A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		

RATINGS						
Class	II	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu
The test results presented in this report relate only to the item(s) tested.			

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
ETSI EN 300 328 V1.8.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		○	○	◉
ETSI EN 301 489-1 V1.9.2				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		○	○	◉
ETSI EN 301 489-17 V2.2.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems		○	○	◉
EN 62479:2010				
Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		○	○	◉

CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :	**PHILIPS**
Type number :	**59233/XX/E7**
Description of the product (reference - type) :	**enif recessed 3x50W 230V**

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives. References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-2: 1996, Amendment 1: 1997 Recessed luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:

Kontich, Belgium 23/09/2015

Geert Reusen
Product Qualtity Manager
Signature and name
Responsible for the manufacturer

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Company stamp

PHILIPS

Confidential

COMPLIANCE REPORT FORM LVD

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514415_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	59233/XX/E7	Trademark	PHL
Product Group	enif recessed nickel 3x50W 230V	Project No	150621
Client Ref No	CD1506211A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 60598-2-2: 1996, Amendment 1: 1997 Recessed luminaires		

RATINGS						
Class	II	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	3	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

SECTION		REPORT REFERENCE	OK	NOK	NA
§ 5 Marking		CB certificate_Recessed.Zip\4324032.53.PDF \copy of marking plate	●	○	○
§ 6 Construction		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.7(4)	●	○	○
§ 7 Creepage, distances & clearances		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.8(11)	●	○	○
§ 8 Provision for earthing		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.9(7)	●	○	○
§ 9 Terminal		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.10(14&15)	●	○	○
§ 10 External and internal wiring		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.11(5)	●	○	○
§ 11 Protection against electric shock		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.12(8)	●	○	○
§ 12	Endurance test	CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.13(12)	●	○	○
	Thermal test	CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.13(12)	●	○	○
§ 13 Resistance to dust & moisture		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.14(9)	●	○	○
§ 14 Insulation resistance and electric strength		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.15(10)	●	○	○
§ 15 Resistance to heat, fire & tracking		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.16(13)	●	○	○

CONCLUSION			
Complies with the relevant standard(s)?	●	○	

COMPLIANCE REPORT FORM EMC

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514415_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	59233/XX/E7	Trademark	PHL
Product Group	enif recessed nickel 3x50W 230V	Project No	150621
Client Ref No	CD1506211A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		

RATINGS						
Class	II	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	3	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009				
Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.		○	○	●
EN 61000-3-2: 2006, Amendment 1,2: 2009				
Limits for harmonic current emissions.		○	○	●
EN 61000-3-3: 2008				
Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.		○	○	●
EN 61547: 2009				
Equipment for general lighting purposes. EMC Immunity requirements.		○	○	●

CONCLUSION			
Complies with the relevant standard(s)?	○	○	●

COMPLIANCE REPORT FORM R&TTE

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514415_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	59233/XX/E7	Trademark	PHL
Product Group	enif recessed nickel 3x50W 230V	Project No	150621
Client Ref No	CD1506211A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		

RATINGS						
Class	II	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	3	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
ETSI EN 300 328 V1.8.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		○	○	●
ETSI EN 301 489-1 V1.9.2				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		○	○	●
ETSI EN 301 489-17 V2.2.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems		○	○	●
EN 62479:2010				
Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		○	○	●

CONCLUSION			
Complies with the relevant standard(s)?	○	○	●

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :	**PHILIPS**
Type number :	**59240/XX/E7**
Description of the product (reference - type) :	**enif recessed 1x50W 230V**

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives. References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-2: 1996, Amendment 1: 1997 Recessed luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:

Kontich, Belgium 23/09/2015

Geert Reusen
Product Qualtity Manager
Signature and name
Responsible for the manufacturer

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Company stamp

PHILIPS

Confidential

COMPLIANCE REPORT FORM LVD

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514416_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	59240/XX/E7	Trademark	PHL
Product Group	enif recessed nickel 1x50W 230V	Project No	150708
Client Ref No	CD1507081A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 60598-2-2: 1996, Amendment 1: 1997 Recessed luminaires		

RATINGS						
Class	II	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

SECTION		REPORT REFERENCE	OK	NOK	NA
§ 5 Marking		CB certificate_Recessed.Zip\4324032.53.PDF \copy of marking plate	●	○	○
§ 6 Construction		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.7(4)	●	○	○
§ 7 Creepage, distances & clearances		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.8(11)	●	○	○
§ 8 Provision for earthing		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.9(7)	●	○	○
§ 9 Terminal		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.10(14&15)	●	○	○
§ 10 External and internal wiring		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.11(5)	●	○	○
§ 11 Protection against electric shock		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.12(8)	●	○	○
§ 12	Endurance test	CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.13(12)	●	○	○
	Thermal test	CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.13(12)	●	○	○
§ 13 Resistance to dust & moisture		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.14(9)	●	○	○
§ 14 Insulation resistance and electric strength		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.15(10)	●	○	○
§ 15 Resistance to heat, fire & tracking		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.16(13)	●	○	○

CONCLUSION			
Complies with the relevant standard(s)?	●	○	

COMPLIANCE REPORT FORM R&TTE

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514416_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	59240/XX/E7	Trademark	PHL
Product Group	enif recessed nickel 1x50W 230V	Project No	150708
Client Ref No	CD1507081A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		

RATINGS						
Class	II	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu
The test results presented in this report relate only to the item(s) tested.			

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
ETSI EN 300 328 V1.8.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		○	○	●
ETSI EN 301 489-1 V1.9.2				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		○	○	●
ETSI EN 301 489-17 V2.2.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems		○	○	●
EN 62479:2010				
Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		○	○	●

CONCLUSION			
Complies with the relevant standard(s)?	○	○	●

COMPLIANCE REPORT FORM EMC

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514416_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	59240/XX/E7	Trademark	PHL
Product Group	enif recessed nickel 1x50W 230V	Project No	150708
Client Ref No	CD1507081A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		

RATINGS						
Class	II	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY		
Name Quality Engineer	zhihui.lu	Signature zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009				
Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.		○	○	◉
EN 61000-3-2: 2006, Amendment 1,2: 2009				
Limits for harmonic current emissions.		○	○	◉
EN 61000-3-3: 2008				
Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.		○	○	◉
EN 61547: 2009				
Equipment for general lighting purposes. EMC Immunity requirements.		○	○	◉

CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :	**PHILIPS**
Type number :	**59243/XX/E7**
Description of the product (reference - type) :	**enif recessed 3x50W 230V**

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives. References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-2: 1996, Amendment 1: 1997 Recessed luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Kontich, Belgium 23/09/2015

Geert Reusen
Product Qualtity Manager
Signature and name
Responsible for the manufacturer

Company stamp

PHILIPS Confidential

COMPLIANCE REPORT FORM LVD

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514417_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	59243/XX/E7	Trademark	PHL
Product Group	enif recessed nickel 3x50W 230V	Project No	150709
Client Ref No	CD1507091A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 60598-2-2: 1996, Amendment 1: 1997 Recessed luminaires		

RATINGS						
Class	II	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	3	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

SECTION		REPORT REFERENCE	OK	NOK	NA
§ 5 Marking		CB certificate_Recessed.Zip\4324032.53.PDF \copy of marking plate	●	○	○
§ 6 Construction		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.7(4)	●	○	○
§ 7 Creepage, distances & clearances		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.8(11)	●	○	○
§ 8 Provision for earthing		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.9(7)	●	○	○
§ 9 Terminal		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.10(14&15)	●	○	○
§ 10 External and internal wiring		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.11(5)	●	○	○
§ 11 Protection against electric shock		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.12(8)	●	○	○
§ 12	Endurance test	CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.13(12)	●	○	○
	Thermal test	CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.13(12)	●	○	○
§ 13 Resistance to dust & moisture		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.14(9)	●	○	○
§ 14 Insulation resistance and electric strength		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.15(10)	●	○	○
§ 15 Resistance to heat, fire & tracking		CB certificate_Recessed.Zip\4324032.53.PDF \Clause 2.16(13)	●	○	○
CONCLUSION					
Complies with the relevant standard(s)?			●	○	

COMPLIANCE REPORT FORM R&TTE

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514417_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	59243/XX/E7	Trademark	PHL
Product Group	enif recessed nickel 3x50W 230V	Project No	150709
Client Ref No	CD1507091A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		

RATINGS						
Class	II	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	3	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
ETSI EN 300 328 V1.8.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		○	○	◉
ETSI EN 301 489-1 V1.9.2				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		○	○	◉
ETSI EN 301 489-17 V2.2.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems		○	○	◉
EN 62479:2010				
Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		○	○	◉

CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉

COMPLIANCE REPORT FORM EMC

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514417_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	59243/XX/E7	Trademark	PHL
Product Group	enif recessed nickel 3x50W 230V	Project No	150709
Client Ref No	CD1507091A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		

RATINGS						
Class	II	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	3	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009				
Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.		○	○	◉
EN 61000-3-2: 2006, Amendment 1,2: 2009				
Limits for harmonic current emissions.		○	○	◉
EN 61000-3-3: 2008				
Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.		○	○	◉
EN 61547: 2009				
Equipment for general lighting purposes. EMC Immunity requirements.		○	○	◉

CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :	**PHILIPS**
Type number :	**50230/XX/E7**
Description of the product (reference - type) :	**burlap single spot 1x40W 230V**

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives. References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:

Kontich, Belgium 23/09/2015

Geert Reusen
Product Qualtity Manager
Signature and name
Responsible for the manufacturer

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Company stamp

PHILIPS Confidential

COMPLIANCE REPORT FORM LVD

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514418_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50230/XX/E7	Trademark	PHL
Product Group	burlap single spot nickel 1x40W 230V	Project No	150579
Client Ref No	CD1505791A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires		

RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	40	E14	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	ZHIHUI.LU	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

SECTION		REPORT REFERENCE	OK	NOK	NA
§ 5 Marking		Rating Labels_16SS5_FamA.PDF	●	○	○
§ 6 Construction		CB certificate_fixed light\4324032.50.PDF\ Clause 1.6(4)	●	○	○
§ 7 Creepage, distances & clearances		CB certificate_fixed light\4324032.50.PDF\ Clause 1.7(11)	●	○	○
§ 8 Provision for earthing		CB certificate_fixed light\4324032.50.PDF\ Clause 1.8(7)	●	○	○
§ 9 Terminal		CB certificate_fixed light\4324032.50.PDF\ Clause 1.9(14 & 15)	●	○	○
§ 10 External and internal wiring		CB certificate_fixed light\4324032.50.PDF\ Clause 1.10(5)	●	○	○
§ 11 Protection against electric shock		CB certificate_fixed light\4324032.50.PDF\ Clause 1.11(8)	●	○	○
§ 12	Endurance test	CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)	●	○	○
	Thermal test	CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)	●	○	○
§ 13 Resistance to dust & moisture		CB certificate_fixed light\4324032.50.PDF\ Clause 1.13(9)	●	○	○
§ 14 Insulation resistance and electric strength		CB certificate_fixed light\4324032.50.PDF\ Clause 1.14(10)	●	○	○
§ 15 Resistance to heat, fire & tracking		CB certificate_fixed light\4324032.50.PDF\ Clause 1.15(13)	●	○	○
CONCLUSION					
Complies with the relevant standard(s)?			●	○	○

COMPLIANCE REPORT FORM EMC

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514418_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50230/XX/E7	Trademark	PHL
Product Group	burlap single spot nickel 1x40W 230V	Project No	150579
Client Ref No	CD1505791A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		

RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	40	E14	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	ZHIHUI.LU	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009				
Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.		○	○	◉
EN 61000-3-2: 2006, Amendment 1,2: 2009				
Limits for harmonic current emissions.		○	○	◉
EN 61000-3-3: 2008				
Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.		○	○	◉
EN 61547: 2009				
Equipment for general lighting purposes. EMC Immunity requirements.		○	○	◉

CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉

COMPLIANCE REPORT FORM R&TTE

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514418_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50230/XX/E7	Trademark	PHL
Product Group	burlap single spot nickel 1x40W 230V	Project No	150579
Client Ref No	CD1505791A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		

RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	40	E14	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	ZHIHUI.LU	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
ETSI EN 300 328 V1.8.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		○	○	◉
ETSI EN 301 489-1 V1.9.2				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		○	○	◉
ETSI EN 301 489-17 V2.2.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems		○	○	◉
EN 62479:2010				
Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		○	○	◉

CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :	**PHILIPS**
Type number :	**50232/XX/E7**
Description of the product (reference - type) :	**burlap bar/tube 2x40W 230V**

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives. References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Kontich, Belgium 23/09/2015

Geert Reusen
Product Qualtity Manager
Signature and name
Responsible for the manufacturer

Company stamp

PHILIPS

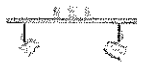
Confidential

COMPLIANCE REPORT FORM LVD

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514419_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50232/XX/E7	Trademark	PHL
Product Group	burlap bar/tube nickel 2x40W 230V	Project No	150580
Client Ref No	CD1505801A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires		



RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	2	40	E14	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

SECTION		REPORT REFERENCE	OK	NOK	NA
§ 5 Marking		Rating Labels_16SS5_FamA.PDF	●	○	○
§ 6 Construction		CB certificate_fixed light\4324032.50.PDF\ Clause 1.6(4)	●	○	○
§ 7 Creepage, distances & clearances		CB certificate_fixed light\4324032.50.PDF\ Clause 1.7(11)	●	○	○
§ 8 Provision for earthing		CB certificate_fixed light\4324032.50.PDF\ Clause 1.8(7)	●	○	○
§ 9 Terminal		CB certificate_fixed light\4324032.50.PDF\ Clause 1.9(14 & 15)	●	○	○
§ 10 External and internal wiring		CB certificate_fixed light\4324032.50.PDF\ Clause 1.10(5)	●	○	○
§ 11 Protection against electric shock		CB certificate_fixed light\4324032.50.PDF\ Clause 1.11(8)	●	○	○
§ 12	Endurance test	CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)	●	○	○
	Thermal test	CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)	●	○	○
§ 13 Resistance to dust & moisture		CB certificate_fixed light\4324032.50.PDF\ Clause 1.13(9)	●	○	○
§ 14 Insulation resistance and electric strength		CB certificate_fixed light\4324032.50.PDF\ Clause 1.14(10)	●	○	○
§ 15 Resistance to heat, fire & tracking		CB certificate_fixed light\4324032.50.PDF\ Clause 1.15(13)	●	○	○

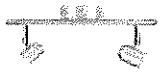
CONCLUSION		
Complies with the relevant standard(s)?	●	○

COMPLIANCE REPORT FORM EMC

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514419_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50232/XX/E7	Trademark	PHL
Product Group	burlap bar/tube nickel 2x40W 230V	Project No	150580
Client Ref No	CD1505801A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		



RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	2	40	E14	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009				
Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.		○	○	●
EN 61000-3-2: 2006, Amendment 1,2: 2009				
Limits for harmonic current emissions.		○	○	●
EN 61000-3-3: 2008				
Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.		○	○	●
EN 61547: 2009				
Equipment for general lighting purposes. EMC Immunity requirements.		○	○	●

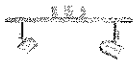
CONCLUSION			
Complies with the relevant standard(s)?	○	○	●

COMPLIANCE REPORT FORM R&TTE

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514419_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50232/XX/E7	Trademark	PHL
Product Group	burlap bar/tube nickel 2x40W 230V	Project No	150580
Client Ref No	CD1505801A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		



RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	2	40	E14	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
ETSI EN 300 328 V1.8.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		○	○	●
ETSI EN 301 489-1 V1.9.2				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		○	○	●
ETSI EN 301 489-17 V2.2.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems		○	○	●
EN 62479:2010				
Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		○	○	●

CONCLUSION			
Complies with the relevant standard(s)?	○	○	●

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :	**PHILIPS**
Type number :	**50233/XX/E7**
Description of the product (reference - type) :	**burlap plate/spiral 3x40W 230V**

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives. References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:

Kontich, Belgium 23/09/2015

Geert Reusen
Product Qualtity Manager
Signature and name
Responsible for the manufacturer

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Company stamp

PHILIPS

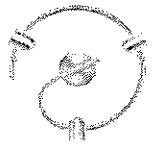
Confidential

COMPLIANCE REPORT FORM LVD

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514420_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50233/XX/E7	Trademark	PHL
Product Group	burlap plate/spiral nickel 3x40W 230V	Project No	150581
Client Ref No	CD1505811A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires		



RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	3	40	E14	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

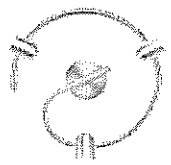
SECTION		REPORT REFERENCE	OK	NOK	NA
§ 5 Marking		Rating Labels_16SS5_FamA.PDF	●	○	○
§ 6 Construction		CB certificate_fixed light\4324032.50.PDF\ Clause 1.6(4)	●	○	○
§ 7 Creepage, distances & clearances		CB certificate_fixed light\4324032.50.PDF\ Clause 1.7(11)	●	○	○
§ 8 Provision for earthing		CB certificate_fixed light\4324032.50.PDF\ Clause 1.8(7)	●	○	○
§ 9 Terminal		CB certificate_fixed light\4324032.50.PDF\ Clause 1.9(14 & 15)	●	○	○
§ 10 External and internal wiring		CB certificate_fixed light\4324032.50.PDF\ Clause 1.10(5)	●	○	○
§ 11 Protection against electric shock		CB certificate_fixed light\4324032.50.PDF\ Clause 1.11(8)	●	○	○
§ 12	Endurance test	CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)	●	○	○
	Thermal test	CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)	●	○	○
§ 13 Resistance to dust & moisture		CB certificate_fixed light\4324032.50.PDF\ Clause 1.13(9)	●	○	○
§ 14 Insulation resistance and electric strength		CB certificate_fixed light\4324032.50.PDF\ Clause 1.14(10)	●	○	○
§ 15 Resistance to heat, fire & tracking		CB certificate_fixed light\4324032.50.PDF\ Clause 1.15(13)	●	○	○
CONCLUSION					
Complies with the relevant standard(s)?			●	○	○

COMPLIANCE REPORT FORM EMC

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514420_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50233/XX/E7	Trademark	PHL
Product Group	burlap plate/spiral nickel 3x40W 230V	Project No	150581
Client Ref No	CD1505811A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		



RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	3	40	E14	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009				
Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.		○	○	◉
EN 61000-3-2: 2006, Amendment 1,2: 2009				
Limits for harmonic current emissions.		○	○	◉
EN 61000-3-3: 2008				
Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.		○	○	◉
EN 61547: 2009				
Equipment for general lighting purposes. EMC Immunity requirements.		○	○	◉

CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉

COMPLIANCE REPORT FORM R&TTE

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514420_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50233/XX/E7	Trademark	PHL
Product Group	burlap plate/spiral nickel 3x40W 230V	Project No	150581
Client Ref No	CD1505811A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		

RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	3	40	E14	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
ETSI EN 300 328 V1.8.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		○	○	◉
ETSI EN 301 489-1 V1.9.2				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		○	○	◉
ETSI EN 301 489-17 V2.2.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems		○	○	◉
EN 62479:2010				
Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		○	○	◉

CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :	**PHILIPS**
Type number :	**50234/XX/E7**
Description of the product (reference - type) :	**burlap bar/tube 4x40W 230V**

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives. References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:

Kontich, Belgium 23/09/2015

Geert Reusen
Product Qualtity Manager
Signature and name
Responsible for the manufacturer

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Company stamp

PHILIPS

Confidential

COMPLIANCE REPORT FORM LVD

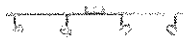
QUALITY DEPARTMENT

TEST RECORD

Report No	CODE0514421_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50234/XX/E7	Trademark	PHL
Product Group	burlap bar/tube nickel 4x40W 230V	Project No	150582
Client Ref No	CD1505821A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires		



RATINGS

Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	4	40	E14	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

SECTION		REPORT REFERENCE	OK	NOK	NA
§ 5 Marking		Rating Labels_16SS5_FamA.PDF	●	○	○
§ 6 Construction		CB certificate_fixed light\4324032.50.PDF\ Clause 1.6(4)	●	○	○
§ 7 Creepage, distances & clearances		CB certificate_fixed light\4324032.50.PDF\ Clause 1.7(11)	●	○	○
§ 8 Provision for earthing		CB certificate_fixed light\4324032.50.PDF\ Clause 1.8(7)	●	○	○
§ 9 Terminal		CB certificate_fixed light\4324032.50.PDF\ Clause 1.9(14 & 15)	●	○	○
§ 10 External and internal wiring		CB certificate_fixed light\4324032.50.PDF\ Clause 1.10(5)	●	○	○
§ 11 Protection against electric shock		CB certificate_fixed light\4324032.50.PDF\ Clause 1.11(8)	●	○	○
§ 12	Endurance test	CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)	●	○	○
	Thermal test	CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)	●	○	○
§ 13 Resistance to dust & moisture		CB certificate_fixed light\4324032.50.PDF\ Clause 1.13(9)	●	○	○
§ 14 Insulation resistance and electric strength		CB certificate_fixed light\4324032.50.PDF\ Clause 1.14(10)	●	○	○
§ 15 Resistance to heat, fire & tracking		CB certificate_fixed light\4324032.50.PDF\ Clause 1.15(13)	●	○	○

CONCLUSION

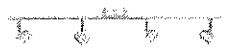
Complies with the relevant standard(s)?	●	○	

COMPLIANCE REPORT FORM EMC

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514421_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50234/XX/E7	Trademark	PHL
Product Group	burlap bar/tube nickel 4x40W 230V	Project No	150582
Client Ref No	CD1505821A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		



RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	4	40	E14	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009				
Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.		○	○	◉
EN 61000-3-2: 2006, Amendment 1,2: 2009				
Limits for harmonic current emissions.		○	○	◉
EN 61000-3-3: 2008				
Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.		○	○	◉
EN 61547: 2009				
Equipment for general lighting purposes. EMC Immunity requirements.		○	○	◉

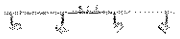
CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉

COMPLIANCE REPORT FORM R&TTE

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514421_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50234/XX/E7	Trademark	PHL
Product Group	burlap bar/tube nickel 4x40W 230V	Project No	150582
Client Ref No	CD1505821A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		



RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	4	40	E14	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
ETSI EN 300 328 V1.8.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		○	○	●
ETSI EN 301 489-1 V1.9.2				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		○	○	●
ETSI EN 301 489-17 V2.2.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems		○	○	●
EN 62479:2010				
Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		○	○	●

CONCLUSION			
Complies with the relevant standard(s)?	○	○	●

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :	**PHILIPS**
Type number :	**50236/XX/E7**
Description of the product (reference - type) :	**burlap bar/tube 6x40W 230V**

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives. References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:

Kontich, Belgium 23/09/2015

Geert Reusen
Product Qualtity Manager
Signature and name
Responsible for the manufacturer

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Company stamp

PHILIPS Confidential

COMPLIANCE REPORT FORM LVD

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514422_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50236/XX/E7	Trademark	PHL
Product Group	burlap bar/tube nickel 6x40W 230V	Project No	150583
Client Ref No	CD1505831A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires		

RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	6	40	E14	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

SECTION		REPORT REFERENCE	OK	NOK	NA
§ 5 Marking		Rating Labels_16SS5_FamA.PDF	●	○	○
§ 6 Construction		CB certificate_fixed light\4324032.50.PDF\ Clause 1.6(4)	●	○	○
§ 7 Creepage, distances & clearances		CB certificate_fixed light\4324032.50.PDF\ Clause 1.7(11)	●	○	○
§ 8 Provision for earthing		CB certificate_fixed light\4324032.50.PDF\ Clause 1.8(7)	●	○	○
§ 9 Terminal		CB certificate_fixed light\4324032.50.PDF\ Clause 1.9(14 & 15)	●	○	○
§ 10 External and internal wiring		CB certificate_fixed light\4324032.50.PDF\ Clause 1.10(5)	●	○	○
§ 11 Protection against electric shock		CB certificate_fixed light\4324032.50.PDF\ Clause 1.11(8)	●	○	○
§ 12	Endurance test	CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)	●	○	○
	Thermal test	CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)	●	○	○
§ 13 Resistance to dust & moisture		CB certificate_fixed light\4324032.50.PDF\ Clause 1.13(9)	●	○	○
§ 14 Insulation resistance and electric strength		CB certificate_fixed light\4324032.50.PDF\ Clause 1.14(10)	●	○	○
§ 15 Resistance to heat, fire & tracking		CB certificate_fixed light\4324032.50.PDF\ Clause 1.15(13)	●	○	○

CONCLUSION		
Complies with the relevant standard(s)?	●	○

COMPLIANCE REPORT FORM EMC

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514422_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50236/XX/E7	Trademark	PHL
Product Group	burlap bar/tube nickel 6x40W 230V	Project No	150583
Client Ref No	CD1505831A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		

RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	6	40	E14	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009				
Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.		○	○	◉
EN 61000-3-2: 2006, Amendment 1,2: 2009				
Limits for harmonic current emissions.		○	○	◉
EN 61000-3-3: 2008				
Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.		○	○	◉
EN 61547: 2009				
Equipment for general lighting purposes. EMC Immunity requirements.		○	○	◉

CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉

COMPLIANCE REPORT FORM R&TTE

QUALITY DEPARTMENT

TEST RECORD			
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Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50236/XX/E7	Trademark	PHL
Product Group	burlap bar/tube nickel 6x40W 230V	Project No	150583
Client Ref No	CD1505831A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		

RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	6	40	E14	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
ETSI EN 300 328 V1.8.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		○	○	●
ETSI EN 301 489-1 V1.9.2				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		○	○	●
ETSI EN 301 489-17 V2.2.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems		○	○	●
EN 62479:2010				
Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		○	○	●

CONCLUSION			
Complies with the relevant standard(s)?	○	○	●

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :	**PHILIPS**
Type number :	**50270/XX/E7**
Description of the product (reference - type) :	**Deltoid single spot 1x28W 230V**

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives. References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Kontich, Belgium 23/09/2015

Geert Reusen
Product Qualtity Manager
Signature and name
Responsible for the manufacturer

Company stamp

PHILIPS **Confidential**

COMPLIANCE REPORT FORM LVD

QUALITY DEPARTMENT

TEST RECORD

Report No	CODE0514423_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50270/XX/E7	Trademark	PHL
Product Group	Deltoid single spot chrome 1x28W 230V	Project No	150594
Client Ref No	CD1505941A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires		

RATINGS

Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	28	G9	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer	ZHIHUI.LU	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

SECTION		REPORT REFERENCE	OK	NOK	NA
§ 5 Marking		Rating Labels_16SS5_FamD.PDF	●	○	○
§ 6 Construction		CB certificate_fixed light\4324032.50.PDF\ Clause 1.6(4)	●	○	○
§ 7 Creepage, distances & clearances		CB certificate_fixed light\4324032.50.PDF\ Clause 1.7(11)	●	○	○
§ 8 Provision for earthing		CB certificate_fixed light\4324032.50.PDF\ Clause 1.8(7)	●	○	○
§ 9 Terminal		CB certificate_fixed light\4324032.50.PDF\ Clause 1.9(14 & 15)	●	○	○
§ 10 External and internal wiring		CB certificate_fixed light\4324032.50.PDF\ Clause 1.10(5)	●	○	○
§ 11 Protection against electric shock		CB certificate_fixed light\4324032.50.PDF\ Clause 1.11(8)	●	○	○
§ 12	Endurance test	CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)	●	○	○
	Thermal test	CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)	●	○	○
§ 13 Resistance to dust & moisture		CB certificate_fixed light\4324032.50.PDF\ Clause 1.13(9)	●	○	○
§ 14 Insulation resistance and electric strength		CB certificate_fixed light\4324032.50.PDF\ Clause 1.14(10)	●	○	○
§ 15 Resistance to heat, fire & tracking		CB certificate_fixed light\4324032.50.PDF\ Clause 1.15(13)	●	○	○

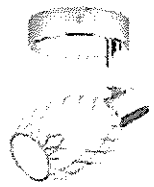
CONCLUSION			
Complies with the relevant standard(s)?	●	○	

COMPLIANCE REPORT FORM EMC

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514423_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50270/XX/E7	Trademark	PHL
Product Group	Deltoid single spot chrome 1x28W 230V	Project No	150594
Client Ref No	CD1505941A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		



RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	28	G9	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	ZHIHUI.LU	Signature	Zhihui.Lu
The test results presented in this report relate only to the item(s) tested.			

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009				
Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.		○	○	●
EN 61000-3-2: 2006, Amendment 1,2: 2009				
Limits for harmonic current emissions.		○	○	●
EN 61000-3-3: 2008				
Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.		○	○	●
EN 61547: 2009				
Equipment for general lighting purposes. EMC Immunity requirements.		○	○	●

CONCLUSION			
Complies with the relevant standard(s)?	○	○	●

COMPLIANCE REPORT FORM R&TTE

QUALITY DEPARTMENT

TEST RECORD

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GENERAL INFORMATION

Article No	50270/XX/E7	**Trademark**	PHL
Product Group	Deltoid single spot chrome 1x28W 230V	**Project No**	150594
Client Ref No	CD1505941A01	**Manual No**	see BOI
QC Family		**Resp. Engineer**	ZHIHUI.LU
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		

RATINGS

Class	I	**Rated Voltage**	**# Lamps**	**Rated Wattage**	**Lampholder**	**Lamp**
IP	IP20	230	1	28	G9	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer	**ZHIHUI.LU**	**Signature**	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
ETSI EN 300 328 V1.8.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		○	○	◉
ETSI EN 301 489-1 V1.9.2				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		○	○	◉
ETSI EN 301 489-17 V2.2.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems		○	○	◉
EN 62479:2010				
Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		○	○	◉

CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :	**PHILIPS**
Type number :	**50273/XX/E7**
Description of the product (reference - type) :	**Deltoid plate/spiral 3x28W 230V**

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives. References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:

Kontich, Belgium 23/09/2015

Geert Reusen
Product Qualtity Manager
Signature and name
Responsible for the manufacturer

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Company stamp

PHILIPS **Confidential**

COMPLIANCE REPORT FORM LVD

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514424_V01.XLS	Page	1 of 1
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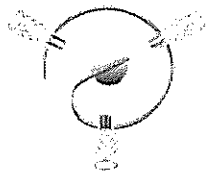
GENERAL INFORMATION			
Article No	50273/XX/E7	Trademark	PHL
Product Group	Deltoid plate/spiral chrome 3x28W 230V	Project No	150596
Client Ref No	CD1505961A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires		



RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	3	28	G9	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	ZHIHUI.LU	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

SECTION		REPORT REFERENCE	OK	NOK	NA
§ 5 Marking		Rating Labels_16SS5_FamD.PDF	●	○	○
§ 6 Construction		CB certificate_fixed light\4324032.50.PDF\ Clause 1.6(4)	●	○	○
§ 7 Creepage, distances & clearances		CB certificate_fixed light\4324032.50.PDF\ Clause 1.7(11)	●	○	○
§ 8 Provision for earthing		CB certificate_fixed light\4324032.50.PDF\ Clause 1.8(7)	●	○	○
§ 9 Terminal		CB certificate_fixed light\4324032.50.PDF\ Clause 1.9(14 & 15)	●	○	○
§ 10 External and internal wiring		CB certificate_fixed light\4324032.50.PDF\ Clause 1.10(5)	●	○	○
§ 11 Protection against electric shock		CB certificate_fixed light\4324032.50.PDF\ Clause 1.11(8)	●	○	○
§ 12	Endurance test	CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)	●	○	○
	Thermal test	CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)	●	○	○
§ 13 Resistance to dust & moisture		CB certificate_fixed light\4324032.50.PDF\ Clause 1.13(9)	●	○	○
§ 14 Insulation resistance and electric strength		CB certificate_fixed light\4324032.50.PDF\ Clause 1.14(10)	●	○	○
§ 15 Resistance to heat, fire & tracking		CB certificate_fixed light\4324032.50.PDF\ Clause 1.15(13)	●	○	○

CONCLUSION		
Complies with the relevant standard(s)?	●	○

COMPLIANCE REPORT FORM EMC

QUALITY DEPARTMENT

TEST RECORD			
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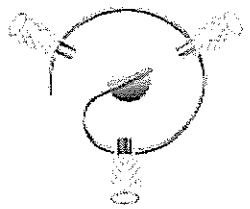
GENERAL INFORMATION			
Article No	50273/XX/E7	Trademark	PHL
Product Group	Deltoid plate/spiral chrome 3x28W 230V	Project No	150596
Client Ref No	CD1505961A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		



RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	3	28	G9	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	ZHIHUI.LU	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009				
Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.		○	○	◉
EN 61000-3-2: 2006, Amendment 1,2: 2009				
Limits for harmonic current emissions.		○	○	◉
EN 61000-3-3: 2008				
Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.		○	○	◉
EN 61547: 2009				
Equipment for general lighting purposes. EMC Immunity requirements.		○	○	◉

CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉

COMPLIANCE REPORT FORM R&TTE

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514424_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50273/XX/E7	Trademark	PHL
Product Group	Deltoid plate/spiral chrome 3x28W 230V	Project No	150596
Client Ref No	CD1505961A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		

RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	3	28	G9	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	ZHIHUI.LU	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
ETSI EN 300 328 V1.8.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		○	○	◉
ETSI EN 301 489-1 V1.9.2				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		○	○	◉
ETSI EN 301 489-17 V2.2.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems		○	○	◉
EN 62479:2010				
Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		○	○	◉

CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :	**PHILIPS**
Type number :	**50274/XX/E7**
Description of the product (reference - type) :	**Deltoid bar/tube 4x28W 230V**

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives. References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:

Kontich, Belgium 23/09/2015

Geert Reusen
Product Qualtity Manager
Signature and name
Responsible for the manufacturer

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Company stamp

PHILIPS

Confidential

COMPLIANCE REPORT FORM LVD

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514425_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50274/XX/E7	Trademark	PHL
Product Group	Deltoid bar/tube chrome 4x28W 230V	Project No	150597
Client Ref No	CD1505971A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires		

RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	4	28	G9	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	ZHIHUI.LU	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

SECTION		REPORT REFERENCE	OK	NOK	NA
§ 5 Marking		Rating Labels_16SS5_FamD.PDF	●	○	○
§ 6 Construction		CB certificate_fixed light\4324032.50.PDF\ Clause 1.6(4)	●	○	○
§ 7 Creepage, distances & clearances		CB certificate_fixed light\4324032.50.PDF\ Clause 1.7(11)	●	○	○
§ 8 Provision for earthing		CB certificate_fixed light\4324032.50.PDF\ Clause 1.8(7)	●	○	○
§ 9 Terminal		CB certificate_fixed light\4324032.50.PDF\ Clause 1.9(14 & 15)	●	○	○
§ 10 External and internal wiring		CB certificate_fixed light\4324032.50.PDF\ Clause 1.10(5)	●	○	○
§ 11 Protection against electric shock		CB certificate_fixed light\4324032.50.PDF\ Clause 1.11(8)	●	○	○
§ 12	Endurance test	CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)	●	○	○
	Thermal test	CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)	●	○	○
§ 13 Resistance to dust & moisture		CB certificate_fixed light\4324032.50.PDF\ Clause 1.13(9)	●	○	○
§ 14 Insulation resistance and electric strength		CB certificate_fixed light\4324032.50.PDF\ Clause 1.14(10)	●	○	○
§ 15 Resistance to heat, fire & tracking		CB certificate_fixed light\4324032.50.PDF\ Clause 1.15(13)	●	○	○

CONCLUSION		
Complies with the relevant standard(s)?	●	○

COMPLIANCE REPORT FORM EMC

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514425_V01.XLS	Page	1 of 1
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GENERAL INFORMATION			
Article No	50274/XX/E7	Trademark	PHL
Product Group	Deltoid bar/tube chrome 4x28W 230V	Project No	150597
Client Ref No	CD1505971A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		

RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	4	28	G9	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	ZHIHUI.LU	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009				
Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.		○	○	◉
EN 61000-3-2: 2006, Amendment 1,2: 2009				
Limits for harmonic current emissions.		○	○	◉
EN 61000-3-3: 2008				
Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.		○	○	◉
EN 61547: 2009				
Equipment for general lighting purposes. EMC Immunity requirements.		○	○	◉

CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉

COMPLIANCE REPORT FORM R&TTE

QUALITY DEPARTMENT

TEST RECORD

Report No	CODE0514425_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50274/XX/E7	Trademark	PHL
Product Group	Deltoid bar/tube chrome 4x28W 230V	Project No	150597
Client Ref No	CD1505971A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		

RATINGS

Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	4	28	G9	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer	ZHIHUI.LU	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
ETSI EN 300 328 V1.8.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		○	○	●
ETSI EN 301 489-1 V1.9.2				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		○	○	●
ETSI EN 301 489-17 V2.2.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems		○	○	●
EN 62479:2010				
Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		○	○	●

CONCLUSION			
Complies with the relevant standard(s)?	○	○	●

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :	**PHILIPS**
Type number :	**50272/XX/E7**
Description of the product (reference - type) :	**Deltoid bar/tube 2x28W 230V**

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives. References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:

Kontich, Belgium 23/09/2015

Geert Reusen
Product Qualtity Manager
Signature and name
Responsible for the manufacturer

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Company stamp

PHILIPS

Confidential

COMPLIANCE REPORT FORM LVD

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514426_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50272/XX/E7	Trademark	PHL
Product Group	Deltoid bar/tube chrome 2x28W 230V	Project No	150595
Client Ref No	CD1505951A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires		

RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	2	28	G9	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	ZHIHUI.LU	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

SECTION		REPORT REFERENCE	OK	NOK	NA
§ 5 Marking		Rating Labels_16SS5_FamD.PDF	●	○	○
§ 6 Construction		CB certificate_fixed light\4324032.50.PDF\ Clause 1.6(4)	●	○	○
§ 7 Creepage, distances & clearances		CB certificate_fixed light\4324032.50.PDF\ Clause 1.7(11)	●	○	○
§ 8 Provision for earthing		CB certificate_fixed light\4324032.50.PDF\ Clause 1.8(7)	●	○	○
§ 9 Terminal		CB certificate_fixed light\4324032.50.PDF\ Clause 1.9(14 & 15)	●	○	○
§ 10 External and internal wiring		CB certificate_fixed light\4324032.50.PDF\ Clause 1.10(5)	●	○	○
§ 11 Protection against electric shock		CB certificate_fixed light\4324032.50.PDF\ Clause 1.11(8)	●	○	○
§ 12	Endurance test	CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)	●	○	○
	Thermal test	CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)	●	○	○
§ 13 Resistance to dust & moisture		CB certificate_fixed light\4324032.50.PDF\ Clause 1.13(9)	●	○	○
§ 14 Insulation resistance and electric strength		CB certificate_fixed light\4324032.50.PDF\ Clause 1.14(10)	●	○	○
§ 15 Resistance to heat, fire & tracking		CB certificate_fixed light\4324032.50.PDF\ Clause 1.15(13)	●	○	○

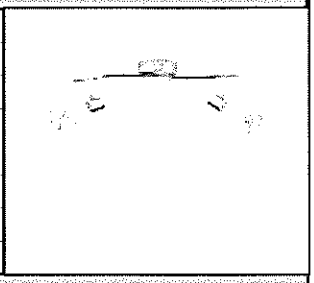
CONCLUSION		
Complies with the relevant standard(s)?	●	○

COMPLIANCE REPORT FORM EMC

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514426_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50272/XX/E7	Trademark	PHL
Product Group	Deltoid bar/tube chrome 2x28W 230V	Project No	150595
Client Ref No	CD1505951A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		



RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	2	28	G9	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	ZHIHUI.LU	Signature	zhihui.lu
The test results presented in this report relate only to the item(s) tested.			

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009				
Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.		○	○	◉
EN 61000-3-2: 2006, Amendment 1,2: 2009				
Limits for harmonic current emissions.		○	○	◉
EN 61000-3-3: 2008				
Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.		○	○	◉
EN 61547: 2009				
Equipment for general lighting purposes. EMC Immunity requirements.		○	○	◉

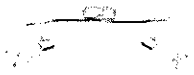
CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉

COMPLIANCE REPORT FORM R&TTE

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514426_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50272/XX/E7	Trademark	PHL
Product Group	Deltoid bar/tube chrome 2x28W 230V	Project No	150595
Client Ref No	CD1505951A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		



RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	2	28	G9	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	ZHIHUI.LU	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
ETSI EN 300 328 V1.8.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		○	○	●
ETSI EN 301 489-1 V1.9.2				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		○	○	●
ETSI EN 301 489-17 V2.2.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems		○	○	●
EN 62479:2010				
Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		○	○	●

CONCLUSION			
Complies with the relevant standard(s)?	○	○	●

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :	**PHILIPS**
Type number :	**50280/XX/E7**
Description of the product (reference - type) :	**Hemlock single spot 1x40W 230V**

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives. References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Kontich, Belgium 23/09/2015

Geert Reusen
Product Qualtity Manager
Signature and name
Responsible for the manufacturer

Company stamp

PHILIPS

Confidential

COMPLIANCE REPORT FORM LVD

QUALITY DEPARTMENT

TEST RECORD

Report No	CODE0514427_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50280/XX/E7	Trademark	PHL
Product Group	Hemlock single spot chrome 1x40W 230V	Project No	150598
Client Ref No	CD1505981A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires		

RATINGS

Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	40	E14	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

SECTION		REPORT REFERENCE	OK	NOK	NA
§ 5 Marking		Rating Labels_16SS5_FamE.PDF	●	○	○
§ 6 Construction		CB certificate_fixed light\4324032.50.PDF\ Clause 1.6(4)	●	○	○
§ 7 Creepage, distances & clearances		CB certificate_fixed light\4324032.50.PDF\ Clause 1.7(11)	●	○	○
§ 8 Provision for earthing		CB certificate_fixed light\4324032.50.PDF\ Clause 1.8(7)	●	○	○
§ 9 Terminal		CB certificate_fixed light\4324032.50.PDF\ Clause 1.9(14 & 15)	●	○	○
§ 10 External and internal wiring		CB certificate_fixed light\4324032.50.PDF\ Clause 1.10(5)	●	○	○
§ 11 Protection against electric shock		CB certificate_fixed light\4324032.50.PDF\ Clause 1.11(8)	●	○	○
§ 12	Endurance test	CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)	●	○	○
	Thermal test	CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)	●	○	○
§ 13 Resistance to dust & moisture		CB certificate_fixed light\4324032.50.PDF\ Clause 1.13(9)	●	○	○
§ 14 Insulation resistance and electric strength		CB certificate_fixed light\4324032.50.PDF\ Clause 1.14(10)	●	○	○
§ 15 Resistance to heat, fire & tracking		CB certificate_fixed light\4324032.50.PDF\ Clause 1.15(13)	●	○	○

CONCLUSION

Complies with the relevant standard(s)?	●	○

COMPLIANCE REPORT FORM EMC

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514427_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50280/XX/E7	Trademark	PHL
Product Group	Hemlock single spot chrome 1x40W 230V	Project No	150598
Client Ref No	CD1505981A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		

RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	40	E14	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu
The test results presented in this report relate only to the item(s) tested.			

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009				
Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.		○	○	◉
EN 61000-3-2: 2006, Amendment 1,2: 2009				
Limits for harmonic current emissions.		○	○	◉
EN 61000-3-3: 2008				
Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.		○	○	◉
EN 61547: 2009				
Equipment for general lighting purposes. EMC Immunity requirements.		○	○	◉

CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉

COMPLIANCE REPORT FORM R&TTE

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514427_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50280/XX/E7	Trademark	PHL
Product Group	Hemlock single spot chrome 1x40W 230V	Project No	150598
Client Ref No	CD1505981A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		

RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	40	E14	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
ETSI EN 300 328 V1.8.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		○	○	●
ETSI EN 301 489-1 V1.9.2				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		○	○	●
ETSI EN 301 489-17 V2.2.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems		○	○	●
EN 62479:2010				
Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		○	○	●

CONCLUSION			
Complies with the relevant standard(s)?	○	○	●

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :	**PHILIPS**
Type number :	**50282/XX/E7**
Description of the product (reference - type) :	**Hemlock bar/tube 2x40W 230V**

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives. References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Kontich, Belgium 23/09/2015

Geert Reusen
Product Qualtity Manager
Signature and name
Responsible for the manufacturer

Company stamp

PHILIPS

Confidential

COMPLIANCE REPORT FORM LVD

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514428_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50282/XX/E7	Trademark	PHL
Product Group	Hemlock bar/tube chrome 2x40W 230V	Project No	150599
Client Ref No	CD1505991A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires		

RATINGS

Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	2	40	E14	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer	ZHIHUI.LU	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

SECTION		REPORT REFERENCE	OK	NOK	NA
§ 5 Marking		Rating Labels_16SS5_FamE.PDF	●	○	○
§ 6 Construction		CB certificate_fixed light\4324032.50.PDF\ Clause 1.6(4)	●	○	○
§ 7 Creepage, distances & clearances		CB certificate_fixed light\4324032.50.PDF\ Clause 1.7(11)	●	○	○
§ 8 Provision for earthing		CB certificate_fixed light\4324032.50.PDF\ Clause 1.8(7)	●	○	○
§ 9 Terminal		CB certificate_fixed light\4324032.50.PDF\ Clause 1.9(14 & 15)	●	○	○
§ 10 External and internal wiring		CB certificate_fixed light\4324032.50.PDF\ Clause 1.10(5)	●	○	○
§ 11 Protection against electric shock		CB certificate_fixed light\4324032.50.PDF\ Clause 1.11(8)	●	○	○
§ 12	Endurance test	CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)	●	○	○
	Thermal test	CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)	●	○	○
§ 13 Resistance to dust & moisture		CB certificate_fixed light\4324032.50.PDF\ Clause 1.13(9)	●	○	○
§ 14 Insulation resistance and electric strength		CB certificate_fixed light\4324032.50.PDF\ Clause 1.14(10)	●	○	○
§ 15 Resistance to heat, fire & tracking		CB certificate_fixed light\4324032.50.PDF\ Clause 1.15(13)	●	○	○

CONCLUSION			
Complies with the relevant standard(s)?	●	○	

COMPLIANCE REPORT FORM EMC

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514428_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50282/XX/E7	Trademark	PHL
Product Group	Hemlock bar/tube chrome 2x40W 230V	Project No	150599
Client Ref No	CD1505991A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		

RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	2	40	E14	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	ZHIHUI.LU	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009				
Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.		○	○	◉
EN 61000-3-2: 2006, Amendment 1,2: 2009				
Limits for harmonic current emissions.		○	○	◉
EN 61000-3-3: 2008				
Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.		○	○	◉
EN 61547: 2009				
Equipment for general lighting purposes. EMC Immunity requirements.		○	○	◉

CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉

COMPLIANCE REPORT FORM R&TTE

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514428_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50282/XX/E7	Trademark	PHL
Product Group	Hemlock bar/tube chrome 2x40W 230V	Project No	150599
Client Ref No	CD1505991A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		

RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	2	40	E14	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	ZHIHUI.LU	Signature	zhihui.lu
The test results presented in this report relate only to the item(s) tested.			

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
ETSI EN 300 328 V1.8.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		○	○	◉
ETSI EN 301 489-1 V1.9.2				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		○	○	◉
ETSI EN 301 489-17 V2.2.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems		○	○	◉
EN 62479:2010				
Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		○	○	◉

CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :	**PHILIPS**
Type number :	**50283/XX/E7**
Description of the product (reference - type) :	**Hemlock bar/tube 3x40W 230V**

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives. References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:

Kontich, Belgium 23/09/2015

Geert Reusen
Product Qualtity Manager
Signature and name
Responsible for the manufacturer

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Company stamp

PHILIPS **Confidential**

COMPLIANCE REPORT FORM LVD

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514429_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION

Article No	50283/XX/E7	Trademark	PHL
Product Group	Hemlock bar/tube chrome 3x40W 230V	Project No	150600
Client Ref No	CD1506001A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires		

RATINGS

Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	3	40	E14	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY

Name Quality Engineer	ZHIHUI.LU	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

SECTION		REPORT REFERENCE	OK	NOK	NA
§ 5 Marking		Rating Labels_16SS5_FamE.PDF	●	○	○
§ 6 Construction		CB certificate_fixed light\4324032.50.PDF\ Clause 1.6(4)	●	○	○
§ 7 Creepage, distances & clearances		CB certificate_fixed light\4324032.50.PDF\ Clause 1.7(11)	●	○	○
§ 8 Provision for earthing		CB certificate_fixed light\4324032.50.PDF\ Clause 1.8(7)	●	○	○
§ 9 Terminal		CB certificate_fixed light\4324032.50.PDF\ Clause 1.9(14 & 15)	●	○	○
§ 10 External and internal wiring		CB certificate_fixed light\4324032.50.PDF\ Clause 1.10(5)	●	○	○
§ 11 Protection against electric shock		CB certificate_fixed light\4324032.50.PDF\ Clause 1.11(8)	●	○	○
§ 12	Endurance test	CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)	●	○	○
	Thermal test	CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)	●	○	○
§ 13 Resistance to dust & moisture		CB certificate_fixed light\4324032.50.PDF\ Clause 1.13(9)	●	○	○
§ 14 Insulation resistance and electric strength		CB certificate_fixed light\4324032.50.PDF\ Clause 1.14(10)	●	○	○
§ 15 Resistance to heat, fire & tracking		CB certificate_fixed light\4324032.50.PDF\ Clause 1.15(13)	●	○	○

CONCLUSION			
Complies with the relevant standard(s)?	●	○	

COMPLIANCE REPORT FORM EMC

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514429_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50283/XX/E7	Trademark	PHL
Product Group	Hemlock bar/tube chrome 3x40W 230V	Project No	150600
Client Ref No	CD1506001A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		

RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	3	40	E14	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	ZHIHUI.LU	Signature	zhihui.lu
The test results presented in this report relate only to the item(s) tested.			

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009				
Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.		○	○	◉
EN 61000-3-2: 2006, Amendment 1,2: 2009				
Limits for harmonic current emissions.		○	○	◉
EN 61000-3-3: 2008				
Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.		○	○	◉
EN 61547: 2009				
Equipment for general lighting purposes. EMC Immunity requirements.		○	○	◉

CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉

COMPLIANCE REPORT FORM R&TTE

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514429_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50283/XX/E7	Trademark	PHL
Product Group	Hemlock bar/tube chrome 3x40W 230V	Project No	150600
Client Ref No	CD1506001A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		

RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	3	40	E14	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	ZHIHUI.LU	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
ETSI EN 300 328 V1.8.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		○	○	◉
ETSI EN 301 489-1 V1.9.2				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		○	○	◉
ETSI EN 301 489-17 V2.2.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems		○	○	◉
EN 62479:2010				
Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		○	○	◉

CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :	**PHILIPS**
Type number :	**50284/XX/E7**
Description of the product (reference - type) :	**Hemlock bar/tube 4x40W 230V**

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives. References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:

Kontich, Belgium 23/09/2015

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Geert Reusen
Product Qualtity Manager
Signature and name
Responsible for the manufacturer

Company stamp

PHILIPS

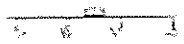
Confidential

COMPLIANCE REPORT FORM LVD

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514430_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50284/XX/E7	Trademark	PHL
Product Group	Hemlock bar/tube chrome 4x40W 230V	Project No	150601
Client Ref No	CD1506011A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires		



RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	4	40	E14	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	ZHIHUI.LU	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

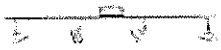
SECTION		REPORT REFERENCE	OK	NOK	NA
§ 5 Marking		Rating Labels_16SS5_FamE.PDF	●	○	○
§ 6 Construction		CB certificate_fixed light\4324032.50.PDF\ Clause 1.6(4)	●	○	○
§ 7 Creepage, distances & clearances		CB certificate_fixed light\4324032.50.PDF\ Clause 1.7(11)	●	○	○
§ 8 Provision for earthing		CB certificate_fixed light\4324032.50.PDF\ Clause 1.8(7)	●	○	○
§ 9 Terminal		CB certificate_fixed light\4324032.50.PDF\ Clause 1.9(14 & 15)	●	○	○
§ 10 External and internal wiring		CB certificate_fixed light\4324032.50.PDF\ Clause 1.10(5)	●	○	○
§ 11 Protection against electric shock		CB certificate_fixed light\4324032.50.PDF\ Clause 1.11(8)	●	○	○
§ 12	Endurance test	CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)	●	○	○
	Thermal test	CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)	●	○	○
§ 13 Resistance to dust & moisture		CB certificate_fixed light\4324032.50.PDF\ Clause 1.13(9)	●	○	○
§ 14 Insulation resistance and electric strength		CB certificate_fixed light\4324032.50.PDF\ Clause 1.14(10)	●	○	○
§ 15 Resistance to heat, fire & tracking		CB certificate_fixed light\4324032.50.PDF\ Clause 1.15(13)	●	○	○
CONCLUSION					
Complies with the relevant standard(s)?			●	○	

COMPLIANCE REPORT FORM EMC

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514430_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50284/XX/E7	Trademark	PHL
Product Group	Hemlock bar/tube chrome 4x40W 230V	Project No	150601
Client Ref No	CD1506011A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		



RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	4	40	E14	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	ZHIHUI.LU	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009				
Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.		○	○	◉
EN 61000-3-2: 2006, Amendment 1,2: 2009				
Limits for harmonic current emissions.		○	○	◉
EN 61000-3-3: 2008				
Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.		○	○	◉
EN 61547: 2009				
Equipment for general lighting purposes. EMC Immunity requirements.		○	○	◉

CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉

COMPLIANCE REPORT FORM R&TTE

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514430_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50284/XX/E7	Trademark	PHL
Product Group	Hemlock bar/tube chrome 4x40W 230V	Project No	150601
Client Ref No	CD1506011A01	Manual No	see BOI
QC Family		Resp. Engineer	ZHIHUI.LU
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		

RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	4	40	E14	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	ZHIHUI.LU	Signature	zhihui.lu
The test results presented in this report relate only to the item(s) tested.			

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
ETSI EN 300 328 V1.8.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		○	○	●
ETSI EN 301 489-1 V1.9.2				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		○	○	●
ETSI EN 301 489-17 V2.2.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems		○	○	●
EN 62479:2010				
Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		○	○	●

CONCLUSION			
Complies with the relevant standard(s)?	○	○	●

CE EC DECLARATION OF CONFORMITY PHILIPS

PHILIPS BELGIUM NV
Industrieterrein, Satenrozen 13
2550 KONTICH
BELGIUM

This declaration of conformity is used under the sole responsibility of the manufacturer.

Brandname :	**PHILIPS**
Type number :	**50300/XX/E7**
Description of the product (reference - type) :	**limbali single spot 1x50W 230V**

The undersigned hereby declares that:

The product described is in conformity with the essential requirements of the below mentioned directives. References to the relevant harmonized standards used, or references to the specifications in relation to which conformity is declared, are listed below the related directive.

Low Voltage Directive (LVD), 2006/95/EC
EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields
EN 60598-1: 2008, Amendment 11: 2009
EN 60598-2-1: 1989 Fixed general purpose luminaires

Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS), 2011/65/EU
EN 50581:2012: Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

and are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents

Year of which the CE mark was affixed : 2015
Signed:

Philips Belgium N.V.
BG Consumer Luminaires
Industrieterrein - Satenrozen 13
2550 Kontich - Belgium
Tel: +32 (0) 3 459 10 11
Fax: +32 (0) 3 458 10 03

Kontich, Belgium 23/09/2015

Geert Reusen
Product Qualtity Manager
Signature and name
Responsible for the manufacturer

Company stamp

PHILIPS

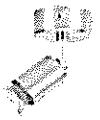
Confidential

COMPLIANCE REPORT FORM LVD

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514431_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50300/XX/E7	Trademark	PHL
Product Group	limbali single spot nickel 1x50W 230V	Project No	150608
Client Ref No	CD1506081A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 60598-2-1: 1989 Fixed general purpose luminaires		



RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

SECTION		REPORT REFERENCE	OK	NOK	NA
§ 5 Marking		Rating Labels_16SS5_FamG.PDF	●	○	○
§ 6 Construction		CB certificate_fixed light\4324032.50.PDF\ Clause 1.6(4)	●	○	○
§ 7 Creepage, distances & clearances		CB certificate_fixed light\4324032.50.PDF\ Clause 1.7(11)	●	○	○
§ 8 Provision for earthing		CB certificate_fixed light\4324032.50.PDF\ Clause 1.8(7)	●	○	○
§ 9 Terminal		CB certificate_fixed light\4324032.50.PDF\ Clause 1.9(14 & 15)	●	○	○
§ 10 External and internal wiring		CB certificate_fixed light\4324032.50.PDF\ Clause 1.10(5)	●	○	○
§ 11 Protection against electric shock		CB certificate_fixed light\4324032.50.PDF\ Clause 1.11(8)	●	○	○
§ 12	Endurance test	CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)	●	○	○
	Thermal test	CB certificate_fixed light\4324032.50.PDF\ Clause 1.12(12)	●	○	○
§ 13 Resistance to dust & moisture		CB certificate_fixed light\4324032.50.PDF\ Clause 1.13(9)	●	○	○
§ 14 Insulation resistance and electric strength		CB certificate_fixed light\4324032.50.PDF\ Clause 1.14(10)	●	○	○
§ 15 Resistance to heat, fire & tracking		CB certificate_fixed light\4324032.50.PDF\ Clause 1.15(13)	●	○	○

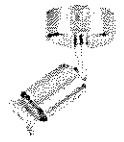
CONCLUSION		
Complies with the relevant standard(s)?	●	○

COMPLIANCE REPORT FORM EMC

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514431_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50300/XX/E7	Trademark	PHL
Product Group	limbali single spot nickel 1x50W 230V	Project No	150608
Client Ref No	CD1506081A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009		
	EN 61000-3-2: 2006, Amendment 1,2: 2009 ; EN 61000-3-3: 2008		
	EN 61547: 2009		



RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
EN 55015: 2006, Amendment 1: 2007, Amendment 2: 2009				
Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.		○	○	◉
EN 61000-3-2: 2006, Amendment 1,2: 2009				
Limits for harmonic current emissions.		○	○	◉
EN 61000-3-3: 2008				
Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.		○	○	◉
EN 61547: 2009				
Equipment for general lighting purposes. EMC Immunity requirements.		○	○	◉

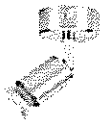
CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉

COMPLIANCE REPORT FORM R&TTE

QUALITY DEPARTMENT

TEST RECORD			
Report No	CODE0514431_V01.XLS	Page	1 of 1
Date	2015/9/18	Issued by	CNH78040

GENERAL INFORMATION			
Article No	50300/XX/E7	Trademark	PHL
Product Group	limbali single spot nickel 1x50W 230V	Project No	150608
Client Ref No	CD1506081A01	Manual No	see BOI
QC Family		Resp. Engineer	zhihui.lu
Standard	ETSI EN 300 328 V1.8.1		
	ETSI EN 301 489-1 V1.9.2 ; ETSI EN 301 489-17 V2.2.1		
	EN 62479:2010		



RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	230	1	50	GU10	NA
F-Marking						
Rough Service						
Ta						

APPROVAL BY			
Name Quality Engineer	zhihui.lu	Signature	zhihui.lu

The test results presented in this report relate only to the item(s) tested.

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
ETSI EN 300 328 V1.8.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive		○	○	◉
ETSI EN 301 489-1 V1.9.2				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements		○	○	◉
ETSI EN 301 489-17 V2.2.1				
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems		○	○	◉
EN 62479:2010				
Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		○	○	◉

CONCLUSION			
Complies with the relevant standard(s)?	○	○	◉