



EU Declaration of Conformity

We, Philips Lighting

I.B.R.S./C.C.R.I. /Numéro 10461

5600 VB Eindhoven, The Netherlands

Year in which CE Mark was first affixed:

2017

Declare under our responsibility for the product(s):

Product Range:	Name:	31821 WAWEL LED WHT17W TUNABLE
	Description:	Fixed ceiling luminaires with canopy
	Brandname :	Philips
Product Code:		31821/XX/YY

The designated product(s) is (are) in conformity with the essential requirements of the following European Directives and harmonized standards:

Low Voltage Directive (LVD), 2014/35/EU

EN 62493: 2010, Assessment of lighting equipment related to human exposure to electromagnetic fields

EN 60598-1: 2015 Luminaires — Part 1: General requirements and tests

EN 60598-2-1: 1989 Fixed general purpose luminaires

EN 62471: 2008 Photobiological safety of lamps and lamp systems

Electromagnetic compatibility Directive (EMC), 2014/30/EU

EN 55015:2013

EN 61000-3-2: 2014

EN 61000-3-3: 2013

EN 61547: 2009

EcoDesign requirements for energy-related products Directive (ErP), 2009/125/EC and applicable Implementing Measures

Implementing Measure EC/245/2009 and amendment EC/347/2010

Implementing Measure EU/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 is/are produced under a quality scheme at least in conformity with ISO 9001 or CENELEC permanent documents.

17/02/2017

Turnhout, Belgium,

Geert Reusen

Product Quality Manager

Signature and name

Responsible for the manufacturer

PHILIPS LIGHTING BELGIUM NV
Division: Consumer Luminaires
Steenweg op Gierle 417
2300 Turnhout
Belgium

Company stamp


COMPLIANCE REPORT FORM SAFETY

**QUALITY
DEPARTMENT**

TEST RECORD

Report No	CODE0515911_V01.XLSX	Page	1 of 1
Date	14/02/2017	Issued by	Q310029085

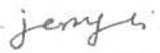
GENERAL INFORMATION

Article No	3182131P5	Trademark	PHL	
Product Group	31821 WAWEL LED WHT17W TUNABLE	Project No	161469	
Client Ref No	3182131P5	Manual No	see BOI	
QC Family	1 Fixed ceiling luminaires with canopy	Resp. Engineer	LI J.	
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	NOT	1	17	NA	LED
F-Marking						
Rough Service						
Ta						

APPROVAL BY

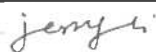
Name Quality Engineer	LI J.	Signature	
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The test results presented in this report relate only to the item(s) tested.

SECTION	REPORT REFERENCE	OK	NOK	NA
§ 5 Marking	Test report :4332319.50-IECTRF.PDF In 17EC9 Final report.zip	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
§ 6 Construction	Test report :4332319.50-IECTRF.PDF In 17EC9 Final report.zip	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
§ 7 Creepage, distances & clearances	Test report :4332319.50-IECTRF.PDF In 17EC9 Final report.zip	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
§ 8 Provision for earthing	Test report :4332319.50-IECTRF.PDF In 17EC9 Final report.zip	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
§ 9 Terminal	Test report :4332319.50-IECTRF.PDF In 17EC9 Final report.zip	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
§ 10 External and internal wiring	Test report :4332319.50-IECTRF.PDF In 17EC9 Final report.zip	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
§ 11 Protection against electric shock	Test report :4332319.50-IECTRF.PDF In 17EC9 Final report.zip	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
§ 12	Endurance test Test report :4332319.50-IECTRF.PDF In 17EC9 Final report.zip	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Thermal test Test report :4332319.50-IECTRF.PDF In 17EC9 Final report.zip	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
§ 13 Resistance to dust & moisture	Test report :4332319.50-IECTRF.PDF In 17EC9 Final report.zip	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
§ 14 Insulation resistance and electric strength	Test report :4332319.50-IECTRF.PDF In 17EC9 Final report.zip	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
§ 15 Resistance to heat, fire & tracking	Test report :4332319.50-IECTRF.PDF In 17EC9 Final report.zip	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
EN 62471: 2008 Photobiological safety of lamps and lamp systems (IEC/TR 62778)	Test report:4332122.50_IEC62471TRF.PDF In 17EC9 Final report.zip	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

CONCLUSION

Complies with the relevant standard(s)?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
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COMPLIANCE REPORT FORM EMC				QUALITY DEPARTMENT		
TEST RECORD						
Report No	CODE0515911_V01.XLSX	Page	1 of 1			
Date	14/02/2017	Issued by	Q310029085			
GENERAL INFORMATION						
Article No	3182131P5	Trademark	PHL			
Product Group	31821 WAWEL LED WHT17W TUNABLE	Project No	161469			
Client Ref No	3182131P5	Manual No	see BOI			
QC Family	1 Fixed ceiling luminaires with canopy	Resp. Engineer	LI J.			
Standard	EN 55015:2013					
	EN 61000-3-2: 2014 ; EN 61000-3-3: 2013					
	EN 61547: 2009					
RATINGS						
Class	I	Rated Voltage	# Lamps	Rated Wattage	Lampholder	Lamp
IP	IP20	NOT	1	17	NA	LED
F-Marking						
Rough Service						
Ta						
APPROVAL BY						
Name Quality Engineer	LI J.			Signature		
The test results presented in this report relate only to the item(s) tested.						

EMC REQUIREMENTS	REPORT REFERENCE	OK	NOK	NA
EN 55015:2013				
Limits and methods of measurements of radio disturbance characteristics of electrical lighting and similar equipment.	EMC Test Report :YDZ16_002790.PDF In 17EC9 Final report.zip	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
EN 61000-3-2: 2014				
Limits for harmonic current emissions.	EMC Test Report :YDZ16_002790.PDF In 17EC9 Final report.zip	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
EN 61000-3-3: 2013				
Limitation of voltage fluctuations and flicker in low voltage supply systems for equipment with rated current <= 16A.	EMC Test Report :YDZ16_002790.PDF In 17EC9 Final report.zip	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
EN 61547: 2009				
Equipment for general lighting purposes. EMC Immunity requirements.	EMC Test Report :YDZ16_002790.PDF In 17EC9 Final report.zip	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

CONCLUSION			
Complies with the relevant standard(s)?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>