



# Essential Suspended

## TCBRMP 19S/940 DIA OC WH401T102 WH

3D printed, 15.4 W, D390 mm; H85 mm, 1890 lm, 4000 K, CRI>90, DALI, Interact Ready, UGR19

Philips Essential is a functional pendant mount round luminaire with a wide range of color and textures, which can seamlessly blend into any decor, while meeting office lighting requirements. It can be connected to other systems to create a smart office lighting solution with integrated sensors to avoid a 'sensor acne' in your beautifully designed ceilings. This family is available in 3 sizes and can be mounted in 3 different ways. Philips Essential is made from recycled materials, 3D printed carbon neutral, making it a conscious choice for those looking to contribute to a circular economy. So, choose this lighting solution without compromising on style, performance, functionality, or sustainability.

### Product data

General Information		Optic type	
Number of gear units	1 unit	Luminaire light beam spread	Beam angle 90°
Driver included	Yes	Unified glare rating CEN	90°
Value ladder	Specification	Indirect glare reduction measure for Display	19
Warranty period	5 years	Screen Equipment (EN 12464-2021)	L65≤3000 cd/m <sup>2</sup>
Sustainability rating	Lighting for circularity		
Light Technical		Operating and Electrical	
Luminous Flux	1,890 lm	Input Voltage	220/240 V
Correlated Color Temperature (Nom)	4000 K	Line Frequency	50 to 60 Hz
Luminous Efficacy (rated) (Nom)	123 lm/W	Inrush current	20.4 A
Color rendering index (CRI)	>90	Inrush time	0.2 ms
Beam angle of light source	90 degree(s)	Power Consumption	15.4 W
Light source color	940 neutral white	Power Factor (Fraction)	0.9
		Connection	2 Push-in connector 5-pole

## Essential Suspended

Cable	-
Number of products on MCB of 16 A type B	24
Suitable for random switching	No
Protection class IEC	Safety class II
Feed-through wiring	Feed-through wiring 1-phase

### Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Dali dimming Interact System ready
Control interface	DALI
Constant light output	No
DALI Standard	D4i™ DALI-2™
Connectivity	Interact Ready

### Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polystyrene
Fixation material	-
Housing Color	White
Optical cover finish	Micro-hexagonal optic
Overall height	85 mm
Overall diameter	390 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK04 [0.5 J standard plus]
Mounting	Suspended
Net Weight (Piece)	2.200 kg

### Emergency Operation

Central Emergency	No
-------------------	----

### Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
----------------	-----------------------------------

Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	+10 to +35 °C

### Initial Performance (IEC Compliant)

Luminous flux tolerance	-10% / +10%
Initial chromaticity	(0.38, 0.38) SDCM < 3
Power consumption tolerance	+/-10%

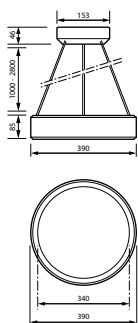
### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life	10 %
50000 h	
Lumen maintenance at median useful life*	L80
50000 h	
Lumen maintenance at median useful life*	L80
100000 h	

### Product Data

Order product name	TCBRMP 19S/940 DIA OC WH401T102 WH
Full product name	TCBRMP 19S/940 DIA OC WH401T102 WH
Full product code	872016986391000
Order code	912500108730
Material Nr. (12NC)	912500108730
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169863910
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169863910

## Dimensional drawing



## Essential Suspended

