



Essential: The remarkable and truly circular lighting solution

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.

Benefits

- Fabric-inspired textures & colors to match interior styles and to meet design requirements
- Low weight and easy to install
- Save electricity costs with high efficiency
- Office compliant with UGR19 versions
- Clean & beautiful ceilings with integrated sensing options for daylight control, presence detection and more.
- Suitable for various project needs

Applications

- Offices
- Healthcare
- Hospitality
- Retail

Features

- A wide range of colors and textures
- 3 sizes and 3 mounting types (pendant, surface and recessed)

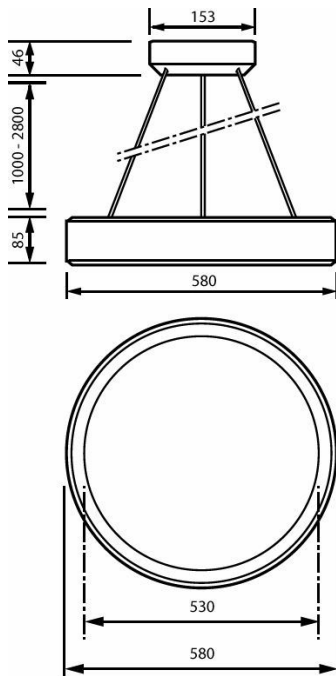
- Includes VPC option for easy installation and perfect rimless ceiling integration
- Efficacy up to 152 lm/W
- DALI or wireless drivers with Interact ready
- Printed parts with at least 55% recycled or mass balanced bio-circular material
- Luminous flux 900 - 8000 lm
- Lifetime 100,000hrs to L80
- Integrated Sensor option with presence detection and day light dimming

Versions



Essential Suspended RTP

Dimensional drawing



TCBRLP 46S/940 DIA OC WH401T102 WH

General Information

Number of gear units	1 unit
Driver included	Yes
Service tag	Yes

Light Technical

Color rendering index (CRI)	>90
Beam angle of light source	90 degree(s)
Optic type	Beam angle 90°

Operating and Electrical

Input Voltage	220/240 V
Line Frequency	50 to 60 Hz
Power Consumption	34.5 W
Suitable for random switching	No
Protection class IEC	Safety class II

Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Housing Color	White
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK04 [0.5 J standard plus]

Emergency Operation

Central Emergency	No
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Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
Ambient temperature range	+10 to +35 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	-10% / +10%
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Product Data

Product family code	TCBRPS [Essential Pendant Surface]
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Light Technical

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)
912500108725	TCBRLP 46S/930 DIA OC WH401T102 WH	4,416 lm	3000 K	128 lm/W
912500108726	TCBRLP 46S/940 DIA OC WH401T102 WH	4,600 lm	4000 K	133 lm/W

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
912500108725	TCBRLP 46S/930 DIA OC WH401T102 WH	(0.44, 0.40) SDCM < 3
912500108726	TCBRLP 46S/940 DIA OC WH401T102 WH	(0.38, 0.38) SDCM < 3

