

Essential recessed

10893035



Essential: The remarkable and truly circular lighting solution

Philips Essential is a 3D printed lighting that offers you unparalleled functionality and customization matching every style. With a wide range of color and textures, it seamlessly blends into any decor, while providing functional lighting that meets office lighting requirements. This luminaire 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. It offers a VPC (Visible Profile Ceiling) option for easy installation and provides perfect rimless ceiling integration providing you with numerous design options to meet your needs. 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

Versions

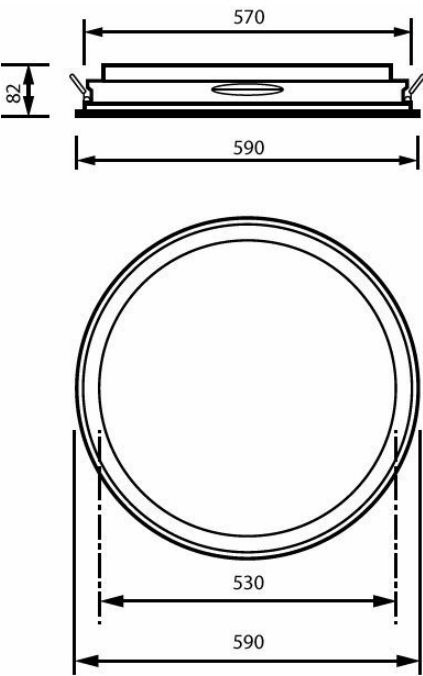
Features

- 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

Essential Recessed RTP



Dimensional drawing



TCBRLR 46S/930 DIA OC WH401

General Information	
Number of gear units	1 unit
Driver included	Yes
Service tag	Yes
Light Technical	
Luminous Flux	4,416 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	128 lm/W
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
----------	-----

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
-------------------	----

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%
Initial chromaticity	(0.44, 0.40) SDCM < 3

Product Data

Product family code	TCBRRM [Essential Recessed Mount]
---------------------	-----------------------------------