



Philips TrueCircle : Versatile LED ceiling luminaire in round shape

TrueCircle Surface & Suspended

TrueCircle is a functional surface mount round luminaire with a strict classical design to fit in almost any office space. It is a modern, unobtrusive designed family of luminaire in Surface mounted & Suspended providing direct diffuse light ensuring this luminaire will blend into the architecture of most buildings. This range features a selection of different sizes, light outputs, and optics. The special micro prismatic optics provides glare-free comfort & also infuses the homogeneous light by offering full Office compliance. This new round luminaire from Philips offers sustainable solution with installation flexibility, creating exemplary illumination & high quality of light.

Benefits

- Comfortable, glare-free Office-compliant
- Competitive solution with good lighting specifications
- Delivers the right visual comfort for various applications.
- Uniform Lighting distribution
- Easy to install & maintain: comes with all the accessories and cabling

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Features

- Office-compliant lighting using PSP optics (UGR<19)
- Two lumen packages and sizes; 2000lm 38cm dia, 3600lm 50cm dia
- Comes with two colors(White & Black), two different optics(PSP & OC) & two different drivers(PSU-Non Dim & PSD-Dali dim) to cater for diverse applications
- 3000K, 4000K options with CRI >80
- Long lifetime 50,000 hours @L80, and a low SDCM of <3
- IP40 rating perfect for indoor applications
- Offers a complete range for round luminaire applications in office (main area, corridors/hallways)

Application

- Offices
- Hospitality
- Schools
- Residential

Versions

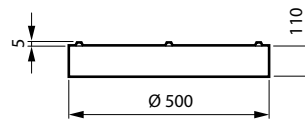


TrueCircle Surface SM250B O WH
D500_SPP



TrueCircle Surface SM250B PSP
BK D380_SPP

Dimensional drawing



TrueCircle Surface & Suspended

Product details



TrueCircle Suspended

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General Information	
Driver included	Yes
Gear	EB
Light source replaceable	No
Number of gear units	1 unit
Service tag	Yes
Light Technical	
Beam angle of light source	120 degree(s)
Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	>80
Operating and Electrical	
Protection class IEC	Safety class I
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Suitable for random switching	No
Controls and Dimming	
Dimmable	No
Maximum dim level	Not applicable
Mechanical and Housing	
Housing Color	Black
Mech. impact protection code	IK02
Ingress protection code	IP20
Emergency Operation	
Central Emergency	No
Approval and Application	
CE mark	Yes
ENEC mark	-
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Initial Performance (IEC Compliant)	
Initial chromaticity	(0.38, 0.38) SDCM<lt/>3
Luminous flux tolerance	+/-10%
Over Time Performance (IEC Compliant)	
Driver failure rate at 5000 h	80 %

Light Technical

Order Code	Full Product Name	Luminous Efficacy (rated)	Luminous Flux	Optic type
		(Nom)		
912401483449	SM250C 37S/840 PSU O D500 BK	104 lm/W	3,700 lm	Opal
912401483441	SM250C 20S/840 PSU PSP D380 BK	102 lm/W	2,000 lm	Wide beam

Operating and Electrical

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Order Code	Full Product Name	Power Consumption
912401483449	SM250C 37S/840 PSU O D500 BK	35.5 W

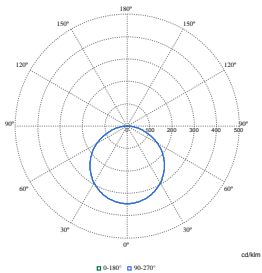
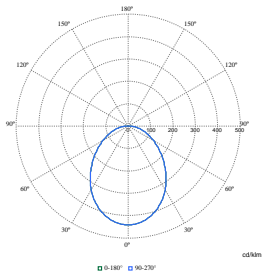
Order Code	Full Product Name	Power Consumption
912401483441	SM250C 20S/840 PSU PSP D380 BK	19.5 W

Approval and Application

Order Code	Full Product Name	Ambient temperature range
912401483449	SM250C 37S/840 PSU O D500 BK	-10 to +35 °C

Order Code	Full Product Name	Ambient temperature range
912401483441	SM250C 20S/840 PSU PSP D380 BK	-10 to +40 °C

Polar Wide Diagrams



Polar Normal (separate) - null - 912401483441

Polar Normal (separate) - null - 912401483449

