



SlimBlend gen2: high performance, advanced control

Offices are looking for high-performance lighting that enhances performance, comfort, well-being and sustainability. That's why 'surface of light' solutions that deliver excellent quality of light with great functionality and connectivity are in such demand. Philips SlimBlend Gen2 is a complete family of slim luminaires designed for enhanced well-being and circularity. SlimBlend Gen2 luminaires offer state-of-the-art efficacy and excellent light quality (CRI>90) with upgradable features and repairability that promise a long lifetime. They are also designed for recyclability, making them a truly circular, green choice. But it's the high-quality light that makes SlimBlend Gen2 luminaires really stand out. The special Micro Hexagonal Optics (MXO) provide glare-free comfort and also infuse the homogeneous light with sparkles, creating a lively surface of light that enhances interiors and offers full office compliance. The SlimBlend Gen 2 is a minimalist solution with superior lighting specifications combined with a best-in-class connectivity using Interact Pro – all with a sustainable approach to high-performance office lighting.

Benefits

- A highly efficient LED luminaire with a choice of mounting options (recessed, suspended, surface-mounted)
- Comfortable, glare-free office-compliant
- A competitive solution with good lighting specifications
- A sustainable and best-in-class connected offer

Applications

- Offices
- Healthcare
- Education

Features

- Best-in-class efficacy up to 140 lm/W supports green building design and energy-saving subsidy criteria
- CRI90 with a tunable white option
- Office-compliant lighting using both MXO optics and Opal cover
- Long lifetime up to 50,000 hours @L90
- Quick connector or Wieland connector for simpler, faster installation
- Prepared for circularity (no glue, replaceable electronics, upgradable system, efficient and long lifetime) plus supporting Environmental Product Declaration (EPD) guide
- A connected system ready with the Interact Pro scalable platform using integrated sensors and/or wireless drivers for data collection, occupancy, daylight regulation and wayfinding

Versions



SlimBlendGen2
RecessMouted RC330V
W60L60 MXO IA4 SPP

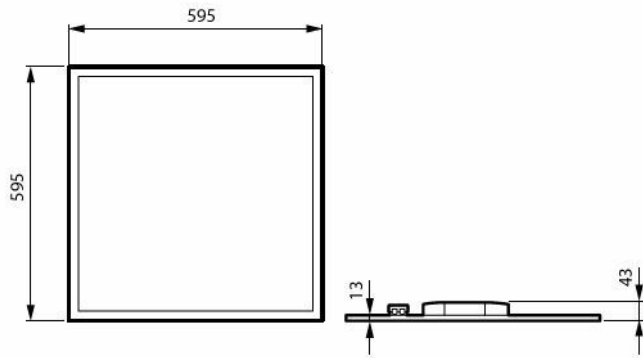


SlimBlendGen2
RecessMouted RC330V
W30L120 MXO SPP

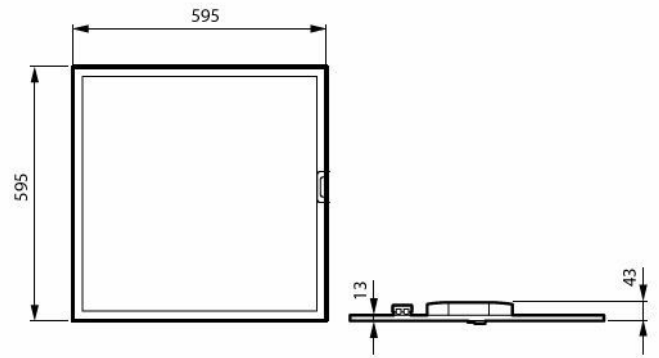


SlimBlendGen2
RecessMouted RC330V
W62L62 MXO SPP

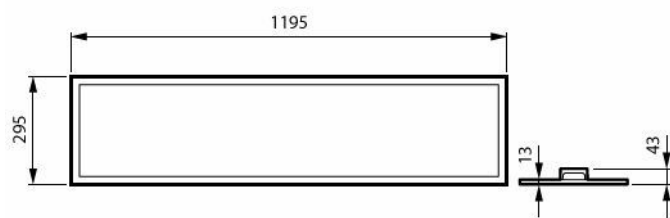
Dimensional drawing



RC330V 36S/940 PSD W60L60 MXO

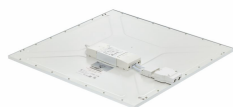


RC330V 42S/940 SEIA W60L60 IA4 MXO



RC330V 42S/940 PSD W30L120 MXO

Product details



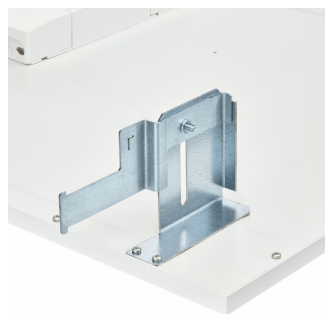
SlimBlendGen2 Backview
_DPP



SlimBlendGen2_IA5 Sensor
with MXO



SlimBlendGen2_IA5
Sensor_with OC



SlimBlendGen2 with CPC
accessory DPP01



SlimBlendGen2_Suspended
with sensor_W30L120



Connector- Wieland DPP01



SlimBlendGen2_Suspended
with sensor_W60L60



RC330V W60L60 sensor with
Surface mounted accessories



RC330V W30L120 with
Surface mounted accessories



RC330V W30L120 sensor with
Surface mounted accessories



RC330V W60L60 with Surface
mounted accessories



SlimBlendGen2 with CPC
accessory DPP02



PIP connector DPP02



SlimBlend Gen2
RC330Z_SMB_W30L120



Connector- Wieland DPP02



PIP connector DPP03



Safety cable



SlimBlendGen2_IA4 Sensor
with MXO



SlimBlendGen2 MXO-optics



SlimBlend Gen2
RC330Z_SMB_W60L60



SlimBlendGen2 Backview with
IA4 sensor



SlimBlendGen2_Suspended
without sensor_W60L60



SlimBlend Gen2_Backview
with EL & Sensor_DPP



SlimBlendGen2_Suspended
without sensor_W30L120



PIP connector DPP01

General Information

Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
Service Tag	Yes

Light Technical

Upwards light output ratio	0
Correlated Colour Temperature (Nom)	4000 K
Colour rendering index (CRI)	>90
Beam angle of light source	120 degree(s)
Optic type	-

Operating and Electrical

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

Controls and Dimming

Dimmable	Yes
Maximum dim level	1%
Embedded control	Interact SC200 sensor

Mechanical and Housing

Housing Colour	White
Mech. impact protection code	IK03 [0.3 J]
Optical cover type	Polycarbonate

Emergency Operation

Central Emergency	Yes
Emergency lighting	DC operated central emergency lighting

Approval and Application

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

Initial Performance (IEC Compliant)

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

Product Data

Product family code	RC330V [SlimBlend Gen2]
---------------------	-------------------------

General Information

Order Code	Full Product Name	Lamp family code
910505102450	RC330V 36S/940 SEIA W60L60 IA4 MXO	36S
910505102453	RC330V 42S/940 SEIA W60L60 IA4 MXO	42S
910505102471	RC330V 42S/940 PSD W30L120 MXO	42S
910505102474	RC330V 42S/940 WIA W30L120 MXO	42S
910505102445	RC330V 36S/940 PSD W60L60 MXO	36S

Light Technical

Order Code	Full Product Name	Luminous Flux	Luminous efficacy (rated) (nom.)
910505102450	RC330V 36S/940 SEIA W60L60 IA4 MXO	3,600 lm	133 lm/W
910505102453	RC330V 42S/940 SEIA W60L60 IA4 MXO	4,200 lm	133 lm/W
910505102471	RC330V 42S/940 PSD W30L120 MXO	4,200 lm	135 lm/W
910505102474	RC330V 42S/940 WIA W30L120 MXO	4,200 lm	135 lm/W
910505102445	RC330V 36S/940 PSD W60L60 MXO	3,600 lm	133 lm/W

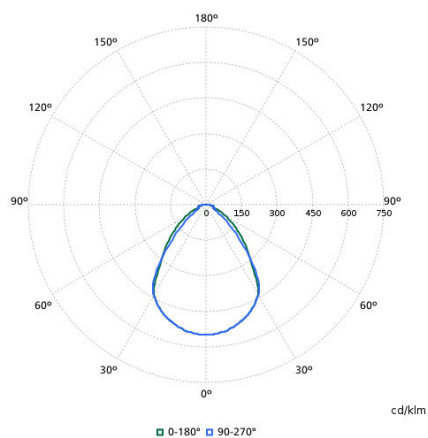
Operating and Electrical

Order Code	Full Product Name	Power Consumption
910505102450	RC330V 36S/940 SEIA W60L60 IA4 MXO	27 W
910505102453	RC330V 42S/940 SEIA W60L60 IA4 MXO	31.5 W
910505102471	RC330V 42S/940 PSD W30L120 MXO	31 W
910505102474	RC330V 42S/940 WIA W30L120 MXO	31 W
910505102445	RC330V 36S/940 PSD W60L60 MXO	27 W

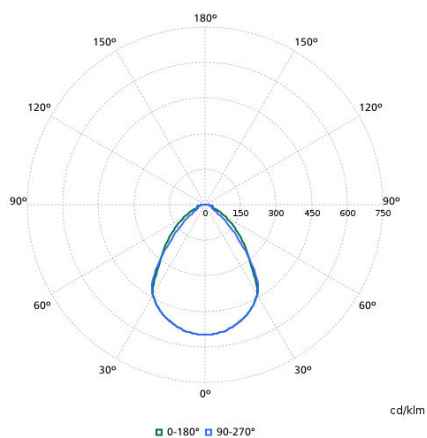
Mechanical and Housing

Order Code	Full Product Name	Ingress protection code
910505102450	RC330V 36S/940 SEIA W60L60 IA4 MXO	IP20
910505102453	RC330V 42S/940 SEIA W60L60 IA4 MXO	IP20
910505102471	RC330V 42S/940 PSD W30L120 MXO	IP20/44
910505102474	RC330V 42S/940 WIA W30L120 MXO	IP20/44
910505102445	RC330V 36S/940 PSD W60L60 MXO	IP20/44

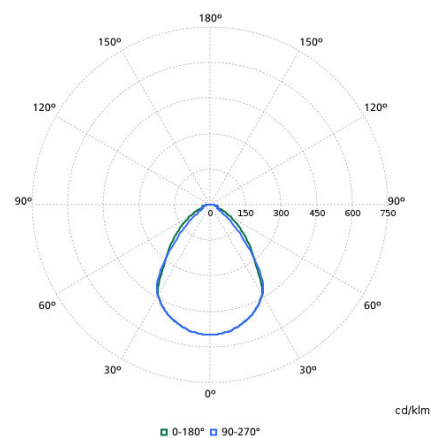
Polar normal diagrams



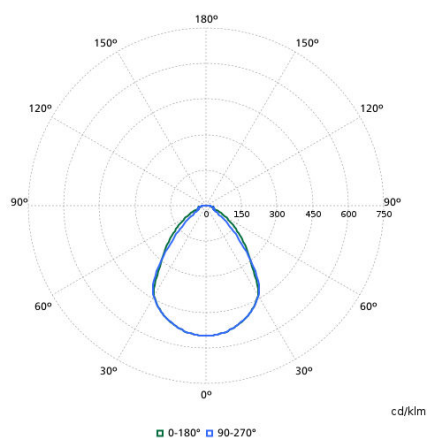
RC330VI - 910505102445



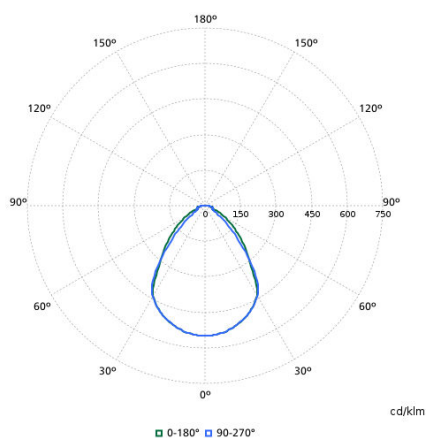
RC330VI - 910505102450



RC330VI - 910505102474



RC330VI - 910505102453



RC330VI - 910505102471