



# SlimBlend Gen2

## RC330V 42S/940 PSD W60L60 MXO

SlimBlend Gen2, 31.5 W, 4200 lm, 4000 K, CRI>90, DALI, UGR19

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. Like Philips SlimBlend Gen2 – 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 upgradability 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) provides glare-free comfort & also infuses the homogeneous light with sparkles, creating a lively surface of light that enhances interiors and offers full Office compliance. 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.

### Product data

General Information	
Lamp family code	42S [LED Module, system flux 4200 lm]
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Service tag	Yes
Lighting Technology	LED
Value ladder	Specification
Warranty period	5 years

Light Technical	
Upward light output ratio	0
Luminous Flux	4,200 lm
Saturated Red (R9)	>50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	133 lm/W
Color rendering index (CRI)	>90
Beam angle of light source	120 degree(s)
Light source color	940 neutral white
Optic type	-
Luminaire light beam spread	90°

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Optic type outdoor	-
Unified glare rating CEN	19
Effective projected area	0 m <sup>2</sup>

### Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	5.5 A
Inrush time	0.055 ms
Power Consumption	31.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 5-pole
Cable	-
Number of products on MCB of 16 A type B	32
Suitable for random switching	No
Protection class IEC	Safety class II
Surge Protection (Common/Differential)	-

### Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
DALI Standard	DALI-2™
Maximum dim level	1%

### Mechanical and Housing

Housing Material	Steel
Reflector material	-
Optic material	-
Optical cover material	Polystyrene
Fixation material	-
Housing Color	White
Mounting device	-
Optical cover shape	Flat
Optical cover finish	Textured
Overall length	595 mm
Overall width	595 mm
Overall height	43 mm
Dimensions (Height x Width x Depth)	43 x 595 x 595 mm
Ingress protection code	IP20/44 [Finger-protected; wire-protected, splash-proof]
Mech. impact protection code	IK03 [0.3 J]
Standard tilt angle posttop	-
Standard tilt angle side entry	-
Optical cover type	Polycarbonate
Net Weight (Piece)	3.500 kg

### Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
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Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 0 @ 200mm to EN62471
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%
Initial chromaticity	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	0
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤3

### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L90
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L80

### Sustainability Data

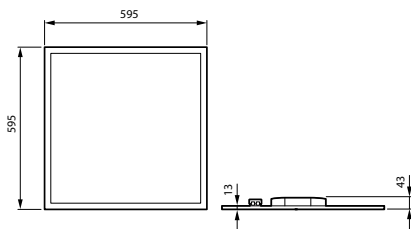
Sustainability rating	Unclassified
Repair class	Repair Class C, the driver of this luminaire can be replaced by a service technician. Special care is required during disassembly and reassembly, and specific tools may be required. Parts and documentation are available for a period of time.

### Product Data

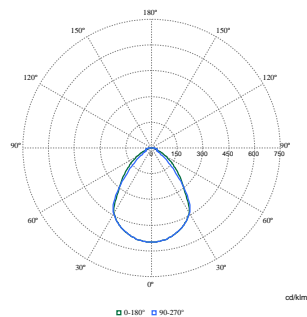
Order product name	RC330V 42S/940 PSD W60L60 MXO
Full product name	RC330V 42S/940 PSD W60L60 MXO
Full product code	872016901466400
Order code	01466400
Material Nr. (12NC)	910505102447
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169014664
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169014664
Product family code	RC330V [SlimBlend Gen2]

# SlimBlend Gen2

## Dimensional drawing



## Photometric data



Polar Normal (separate) - RC330VI - 910505102447

