PHILIPS Lighting



SlimBlend Square, recessed

RC400B LED36S/840 POE W60L60 VPC MSE

SlimBlend recessed mod. 600, 840 neutral white, Luminaire controller with power over Ethernet, RJ45 connector, Safety class III

Office norm-compliant lighting with good quality of light is in demand. Moreover, there is also an increasing need for comfort-enhancing effects such as diffused lighting and lighting smoothly blending into the ceiling architecture. That's why 'surface of light' solutions are becoming more and more popular. But parallel to these needs, are the demands to reduce energy and maintenance costs. SlimBlend answers all these needs and more. Not only does it provide glare-free comfort with a diffuse effect and clutter-free aesthetics thanks to integrated control options, it also creates a special blending of light. It uses the 'trapped' light under the masking to create a subtle glow, with a soft transition to the edge, lowering the brightness perception and blending the light into the ceiling. SlimBlend can also be part of a connected lighting system and integrated into the IT infrastructure enabling data on usage to be collected to help reduce energy costs and enhance employee comfort further. Also, thanks to the slim design, it enables technical equipment to be more easily installed in the plenum. Moreover, thanks to the variety of ways of mounting, various ceiling types can take advantage of this luminaire family. SlimBlend comes in square, rectangular and can be either recessed, surface-mounted, suspended. It offers a good balance between initial cost and ROI, making it the ideal choice for delivering excellent quality of light and a fast Return on Investment for offices.

Product data

General Information		Number of gear units	1 unit
Light source replaceable	No	Driver included	Yes

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Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there
	is no relevant difference in lumen
	maintenance between B50 and for example
	B10. Therefore, the median useful life (B50)
	value also represents the B10 value.
Service tag	Yes
Product family code	RC400B [SlimBlend recessed mod. 600]
Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	3,600 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	109 lm/W
Color rendering index (CRI)	80
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	-
Luminaire light beam spread	120°
Unified glare rating CEN	19
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	5 A
Inrush time	1 ms
Power Consumption	33 W
Power Factor (Fraction)	0.9
Connection	RJ45 connector
Cable	-
Number of products on MCB of 16 A type	-
В	
Temperature	
Ambient temperature range	+10 to +40 °C
Controls and Dimming	
Dimmable	Yes

Constant light output	No
Mechanical and Housing	
Housing Material	Stainless steel
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover material	Polymethyl methacrylate
Fixation material	-
Housing Color	White
Optical cover finish	Textured
Overall length	597 mm
Overall width	597 mm
Overall height	52 mm
Dimensions (Height x Width x Depth)	52 x 597 x 597 mm
Approval and Application	

Αρριοναι από Αρριιζατιοπ	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class III

Luminous flux tolerance +/-10% Initial chromaticity (0.38, 0.38) SDCM<3 Power consumption tolerance +/-10%	ant)
	+/-10%
Power consumption tolerance +/-10%	(0.38, 0.38) SDCM<3
	+/-10%
Over Time Performance (IEC Compliant)	mpliant)
Over Time Performance (IEC Cor	

life 50000 h Lumen maintenance at median useful life* L80 50000 h

Application Conditions

Performance ambient temperature Tq	25 ℃
Maximum dim level	1%
Suitable for random switching	Yes

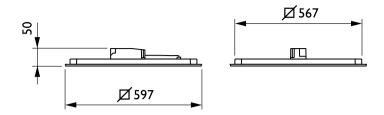
Product Data

Order product name	RC400B LED36S/840 POE W60L60 VPC
	MSE
Full product name	RC400B LED36S/840 POE W60L60 VPC
	MSE
Full product code	871869917702700
Order code	910500459955
Material Nr. (12NC)	910500459955
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699177027
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699177027

Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Luminaire controller with power over
	Ethernet
Control interface	Power over Ethernet

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Dimensional drawing





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