PHILIPS Lighting



SlimBlend Square, recessed

RC400B LED36S/830 PSD W60L60 VPC PIP

SlimBlend recessed mod. 600, 830 warm white, Power supply unit with DALI interface, Push-in connector and pull relief, Safety class II

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

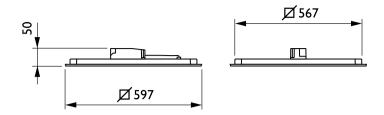
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Remarks	*-Per Lighting Europe guidance paper	
	"Evaluating performance of LED based	
	luminaires - January 2018": statistically there	
	is no relevant difference in lumen	
	maintenance between B50 and for example	
	B10. Therefore, the median useful life (B50)	
Coming to a	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)	3000 K	
Luminous Efficacy (rated) (Nom)	100 lm/W	
Color rendering index (CRI)	80	
Beam angle of light source	120 degree(s)	
Light source color	830 warm 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	20.4 A	
Inrush time	0.195 ms	
Power Consumption	36 W	
Power Factor (Fraction)	0.9	
Connection	Push-in connector and pull relief	
Cable	-	
Number of products on MCB of 16 A type	- 24	
B	£7	
Temperature		
Ambient temperature range	+10 to +40 °C	
Controls and Dimming		
Dimmable	Yes	
Driver/power unit/transformer	Power supply unit with DALI interface	
Control interface		
control internace	DALI	

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		
Ingress protection code	IP20 [Finger-protected]	
Mech. impact protection code	IK02 [0.2 J standard]	
Protection class IEC	Safety class II	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-10%	
Initial chromaticity	(0.43, 0.40) SDCM<3	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Complia	ant)	
Control gear failure rate at median useful	5 %	
life 50000 h		
Lumen maintenance at median useful life*	L80	
50000 h		
Application Conditions		
Performance ambient temperature Tq	25 °C	
Maximum dim level	1%	
Suitable for random switching	Yes	
Product Data		
Order product name	RC400B LED36S/830 PSD W60L60 VPC PIP	
Full product name	RC400B LED36S/830 PSD W60L60 VPC PIP	
Full product code	871869917457600	
Order code	910500459901	
Material Nr. (12NC)	910500459901	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718699174576	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8718699174576	

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Dimensional drawing





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