PHILIPS Lighting



SlimBlend Square, recessed

RC400B LED36S/840 PSD W60L60 VPC ACL PIP

SlimBlend recessed mod. 600, 840 neutral white, Power supply unit with DALI interface, Push-in connector and pull relief, Safety class I

Office regulation-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 that smoothly blends 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-mounted lights can take advantage of this luminaire family. SlimBlend comes in square and rectangular and can be either recessed, surface-mounted or 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 ROI for offices.

Product data

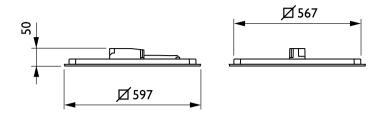
SlimBlend Square, recessed

General Information	
Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
Remarks	*- According to the Lighting Europe guidance
	paper 'Evaluating performance of LED base
	luminaires – January 2018': statistically there
	is no relevant difference in lumen
	maintenance between the B50 and, for
	example, the B10. Therefore, the median
	useful life (B50) value also represents the
	B10 value.
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 Tochnicol	
Light Technical	2 600 km
Luminous Flux	3,600 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	107 lm/W
Colour rendering index (CRI)	80
Beam angle of light source	120 degree(s)
Light source colour	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	26 A
Inrush time	0.140 ms
Power Consumption	33.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type	36
В	
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	DALI
Constant light output	No
Mechanical and Housing	
Housing material	Stainless steel
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover/lens material	Polymethyl methacrylate
Fixation material	-
Housing Colour	White
Optical cover/lens 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 I
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM<3
	+/-10%
Power consumption tolerance	-10 //
Over Time Performance (IEC Compli	ant)
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SlimBlend Square, recessed

Dimensional drawing





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