PHILIPS Lighting



SlimBlend Rectangular, recessed

RC400B LED36S/830 PSD W30L120 VPC ACL PI

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

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)	3000 K
	071 000

concluted color reinperature (rioin)	500011
Luminous Efficacy (rated) (Nom)	97 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	26 A
Inrush time	0.140 ms
Power Consumption	37 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

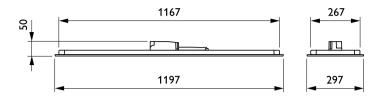
Controls and Dimming		
Dimmable	Yes	
Driver/power unit/transformer	Power supply unit with DALI interface	
Control interface	DALI	
Constant light output	No	

+10 to +40 °C

-
Polymethyl methacrylate
Polymethyl methacrylate
-
White
Textured
1,197 mm
297 mm
52 mm
52 x 297 x 1197 mm
IP20 [Finger-protected]
IK02 [0.2 J standard]
Safety class I
+/-10%
(0.43, 0.40) SDCM<3
+/-10%
L80
25 °C
1%
Yes
RC400B LED36S/830 PSD W30L120 VPC
ACL PI
RC400B LED36S/830 PSD W30L120 VPC
ACL PI
871869917470500
910500459914
910500459914
1
8718699174705
8718699174705

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Dimensional drawing





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