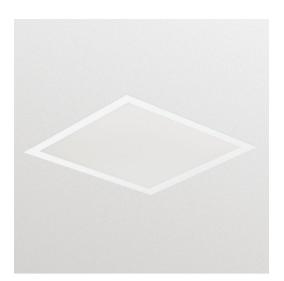
PHILIPS Lighting



SlimBlend Square, recessed

RC402B LED42S/830 PSD W62L62 PCV PIP

SlimBlend recessed mod. 625, 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

SlimBlend Square, recessed

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	RC402B [SlimBlend recessed mod. 625]
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	4,200 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	101 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
Oneverting and Electrical	
Operating and Electrical	220.240.1/
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	20.4 A
Inrush time	0.195 ms
Power Consumption	41.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type	24
В	
Temperature	
-	+10 to +40 °C
Ambient temperature range	+10 to +40 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface

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	Steel		
Housing Color	White		
Optical cover finish	Textured		
Overall length	625 mm		
Overall width	625 mm		
Overall height	52 mm		
Dimensions (Height x Width x Depth)	52 x 625 x 625 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 Compliant)			
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%		

-	_
Droduct	Data

Suitable for random switching

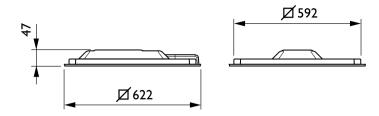
Product Data	
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Full product name	RC402B LED42S/830 PSD W62L62 PCV PIP
Full product code	871869917679200
Order code	910500459934
Material Nr. (12NC)	910500459934
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699176792
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699176792

Yes

Control interface

SlimBlend Square, recessed

Dimensional drawing





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