



# SlimBlend Square, recessed

## RC400B LED36S/840 PSD W60L60 CPC PIP

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

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	
Beam angle of light source	120 °
Light source colour	840 neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	PSD [ Power supply unit with DALI interface]
Driver included	Yes
Optic type	No [ -]
Luminaire light beam spread	120°
Control interface	DALI
Connection	PIP [ Push-in connector and pull relief]
Cable	-
Protection class IEC	Safety class II (II)
Glow-wire test	650/5 [ Temperature 650 °C, duration 5 s]
Flammability mark	F [ For mounting on normally flammable surfaces]
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Remarks	*- According to the Lighting Europe guidance paper 'Evaluating performance of LED based 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.
Constant light output	No
Number of products on MCB (16 A type B)	24
EU RoHS compliant	Yes
Product family code	RC400B [ SlimBlend recessed mod. 600]
Unified glare rating CEN	19
Operating and Electrical	
Input Voltage	220-240 V
Input frequency	50 to 60 Hz
Inrush current	20.4 A
Inrush time	0.195 ms
Power factor (min.)	0.9
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Housing material	Stainless steel
Reflector material	-
Optic material	Polymethyl methacrylate

Optical cover/lens material	Polymethyl methacrylate
Fixation material	Steel
Optical cover/lens finish	Textured
Overall length	600 mm
Overall width	600 mm
Overall height	52 mm
Colour	White
Dimensions (height x width x depth)	52 x 600 x 600 mm (2 x 23.6 x 23.6 in)

### Approval and Application

Ingress protection code	IP20 [ Finger-protected]
Mech. impact protection code	IK02 [ 0.2 J standard]

### Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	3600 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	107 lm/W
Init. Corr. Colour Temperature	4000 K
Init. Colour rendering index	80
Initial chromaticity	(0.38, 0.38) SDCM<3
Initial input power	33.5 W
Power consumption tolerance	+/-10%

### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L80

### Application Conditions

Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	1%
Suitable for random switching	Yes

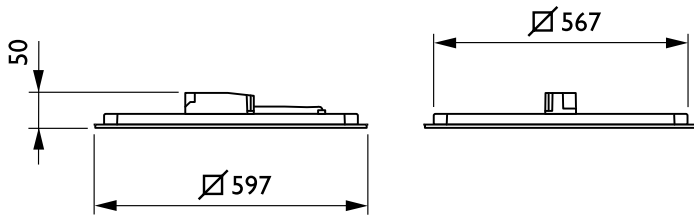
### Product Data

Full product code	871869917695200
Order product name	RC400B LED36S/840 PSD W60L60 CPC PIP
EAN/UPC – product	8718699176952
Order code	17695200
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	910500459948
SAP net weight (piece)	5.600 kg



## SlimBlend Square, recessed

### Dimensional drawing



SlimBlend Recessed RC400B/RC402B

