

ArcForm

RC660B LED35S/840 PSD W60L60 MO-PC W

ArcForm, LED Module, system flux 3500 lm, 840 neutral white, Power supply unit with DALI interface, MESO optic in polycarbonate cover, Plug-in connector 3-pole Wieland/Adels compatible and 2-pole control signal for light regulation

More and more customers are looking for lighting solutions that support the architecture of the building and the types of activity taking place in certain zones. A luminaire with soft light and a gentle appearance is perfect for those places where additional quality of light adds value. With the cleanly designed ArcForm, the optical system using MesoOptics technology creates soft, comfortable lighting, with a full luminous surface. The luminaire's wide beam shape means that the light distribution is uniform throughout the entire space, rather than directional. And the LED boards and optics offer significant energy savings compared to a similar conventional solution.

Product data

General Information	
Lamp family code	LED35S [LED Module, system flux 3500 lm]
Cap-Base	- [-]
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
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.
Product family code	RC660B [ArcForm]
Lighting Technology	LED
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 5 s
EU RoHS compliant	Yes

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Light Technical	
Luminous Flux	3,500 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	125 lm/W
Color rendering index (CRI)	>80
Number of light sources	1
Light source color	840 neutral white
Optic type	-
Optical cover type	MESO optic in polycarbonate cover
Luminaire light beam spread	120°
Unified glare rating CEN	Not applicable

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	5 A
Inrush time	1 ms
Power Consumption	28 W
Power Factor (Fraction)	0.93
Connection	Plug-in connector 3-pole Wieland/Adels compatible and 2-pole control signal for light regulation
Cable	-
Number of products on MCB of 16 A type B	20

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	Steel
Reflector material	Aluminum
Optic material	-
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	White
Optical cover finish	Clear
Overall length	597 mm
Overall width	597 mm
Overall height	161 mm
Dimensions (Height x Width x Depth)	161 x 597 x 597 mm

Approval and Application	
Ingress protection code	IP40 [Wire-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
Power consumption tolerance	+/-10%

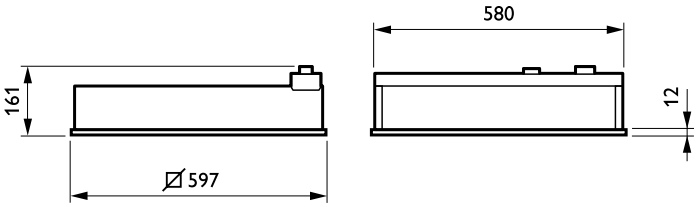
Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L80

Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	No

Product Data	
Order product name	RC660B LED35S/840 PSD W60L60 MO-PC W
Full product name	RC660B LED35S/840 PSD W60L60 MO-PC W
Full product code	871829127383700
Order code	27383700
Material Nr. (12NC)	910502014803
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291273837
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291273837

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Dimensional drawing



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