CoreLine Recessed

RC120B LED37S/840 PSU W60L60

Coreline Recessed – LED Module, system flux 3700 lm – 840 neutral white – Power supply unit – Width 0.60 m, length 0.60 m

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Recessed range of LED products can be used to replace functional luminaires in general lighting applications. The process of selecting, installing and maintaining is so easy – it's a simple switch.;InterAct Ready luminaires with integrated wireless communications in this family available, to be used with InterAct gateways, sensors and software.

Product data

General Information

Number of light sources	2 pcs
Lamp family code	LED37S [LED Module, system flux 3700 lm]
Light source color	840 neutral white
Cap-Base	- [-]
Light source replaceable	No
Number of gear units	1 unit
Gear	EB [Electronic]
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optic type	Wide beam
Optical cover/lens type	Polycarbonate linear satinized
Luminaire light beam spread	86°
Emergency lighting	–
Connection	Push-in connector and pull relief
Cable	–

Protection class IEC	Safety class I
Glow-wire test	Temperature 850 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
Safety device	SC [Safety cable]
CE mark	CE mark
ENEC mark	ENEC mark
UL mark	–
Warranty period	3 years + 2 years upon registration
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.
Constant light output	No

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Number of products on MCB of 16 A type B	24
RoHS mark	RoHS mark
Product family code	RC120B [Coreline Recessed]
Unified glare rating CEN	Not applicable

Operating and Electrical

Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Inrush current	8 A
Inrush time	0.06 ms
Power Factor (Min)	0.9

Controls and Dimming

Dimmable	No

Mechanical and Housing

Geometry	Width 0.60 m, length 0.60 m
Housing Material	Steel
Reflector material	Steel
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Gear tray material	Steel
Fixation material	–
Optical cover/lens finish	Textured
Overall length	597 mm
Overall width	597 mm
Overall height	32 mm
Color	White

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)	3700 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	93 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	≥80
Initial chromaticity	(0.38, 0.38) SDCM <3
Initial input power	34.2 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

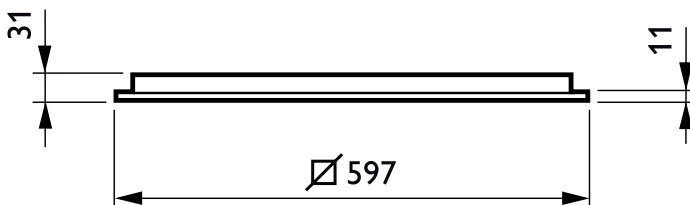|	
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L75

Application Conditions

Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes

Product Data

Full product code	871794389755100
Order product name	RC120B LED37S/840 PSU W60L60
EAN/UPC – Product	8717943897551
Order code	910503695118
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	1
Material Nr. (12NC)	910503695118
Net Weight (Piece)	2.900 kg

Dimensional drawing

CoreLine Recessed RC120B/RC122B