

CoreLine Recessed

RC122B LED27S/840 PSD W62L62

Coreline Recessed - LED Module, system flux 2700 lm - 840 neutral white - Power supply unit with DALI interface - Width 0.62 m, length 0.62 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.

Product data

General Information		Cable	
Number of light sources	2 pcs	Cable	-
Lamp family code	LED27S [LED Module, system flux 2700 lm]	Protection class IEC	Safety class I
Light source color	840 neutral white	Glow-wire test	Temperature 850 °C, duration 30 s
Cap-Base	- [-]	Flammability mark	For mounting on normally flammable surfaces
Light source replaceable	No	Safety device	SC [Safety cable]
Number of gear units	1 unit	CE mark	CE mark
Gear	EB [Electronic]	ENEC mark	ENEC mark
Driver/power unit/transformer	Power supply unit with DALI interface	UL mark	-
Driver included	Yes	Warranty period	3 years + 2 years upon registration
Optic type	Wide beam	Constant light output	No
Optical cover/lens type	Polycarbonate linear satinized	Number of products on MCB of 16 A type B	38
Luminaire light beam spread	86°	RoHS mark	RoHS mark
Emergency lighting	-	Product family code	RC122B [Coreline Recessed]
Control interface	DALI	Operating and Electrical	
Connection	Push-in connector and pull relief	Input Voltage	220 to 240 V

CoreLine Recessed

Input Frequency	50 to 60 Hz
Inrush current	14.7 A
Inrush time	0.25 ms
Power Factor (Min)	0.9

Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Geometry	Width 0.62 m, length 0.62 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	622 mm
Overall width	622 mm
Overall height	32 mm

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)	2700 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	92 lm/W
Init. Corr. Color Temperature	4000 K

Init. Color Rendering Index	≥80
Initial chromaticity	(0.38, 0.38) SDCM <3
Initial input power	26.6 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	1 %
Median useful life L70B50	50000 h
Median useful life L80B50	30000 h
Median useful life L90B50	15000 h

Application Conditions

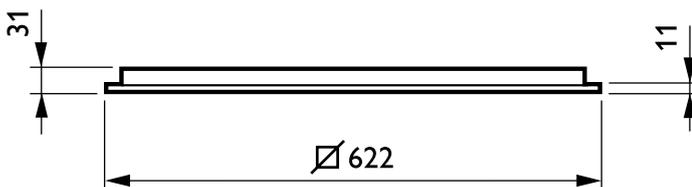
Ambient temperature range	+10 to +40 °C
Average ambient temperature	25 °C
Maximum dim level	1%
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

Product Data

Full product code	871829188137700
Order product name	RC122B LED27S/840 PSD W62L62
EAN/UPC - Product	8718291881377
Order code	910925863278
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925863278
Net Weight (Piece)	2.800 kg

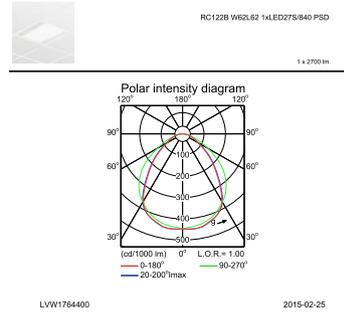
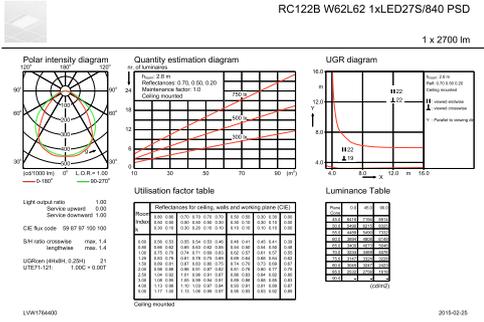


Dimensional drawing



CoreLine Recessed RC120B/RC122B

Photometric data



IFGU1_RC122B W62L62 1xLED27S840 PSD.EPS

IFPC1_RC122B W62L62 1xLED27S840 PSD.EPS

