

# CoreLine Recessed

## RC120B LED27S/840 PSD W60L60 VAR-PC

Coreline Recessed - LED Module, system flux 2700 lm - 840 neutral white - Power supply unit with DALI interface - Width 0.60 m, length 0.60 m - Variable linear-lens array in polycarbonate cover

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	Emergency lighting	-
Lamp family code	LED27S [ LED Module, system flux 2700 lm]	Control interface	DALI
Light source color	840 neutral white	Connection	Push-in connector and pull relief
Cap-Base	- [ -]	Cable	-
Light source replaceable	No	Protection class IEC	Safety class I
Number of gear units	1 unit	Glow-wire test	Temperature 850 °C, duration 30 s
Gear	EB [ Electronic]	Flammability mark	For mounting on normally flammable surfaces
Driver/power unit/transformer	Power supply unit with DALI interface	Safety device	SC [ Safety cable]
Driver included	Yes	CE mark	CE mark
Optic type	Wide beam	ENEC mark	ENEC mark
Optical cover/lens type	Variable linear-lens array in polycarbonate cover	UL mark	-
Luminaire light beam spread	75°	Warranty period	3 years + 2 years upon registration
		Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based

## CoreLine Recessed

	luminaire - 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
Number of products on MCB of 16 A type B	38
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	14.7 A
Inrush time	0.25 ms
Power Factor (Min)	0.9

### Controls and Dimming

Dimmable	Yes
----------	-----

### 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)	2700 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	120 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	≥80
Initial chromaticity	(0.38, 0.38) SDCM <3
Initial input power	21.9 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

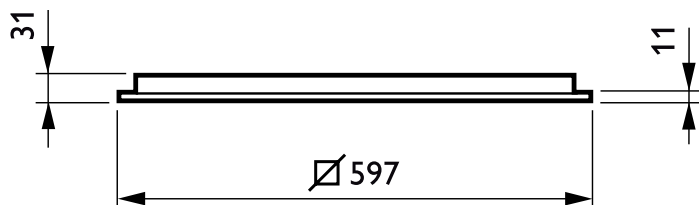
Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes

### Product Data

Full product code	871829126649500
Order product name	RC120B LED27S/840 PSD W60L60 VAR-PC
EAN/UPC - Product	8718291266495
Order code	910501996203
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910501996203
Net Weight (Piece)	2.600 kg

## CoreLine Recessed

### Dimensional drawing



CoreLine Recessed RC120B/RC122B

