

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

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	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]

### 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
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### 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

### 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
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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 5 % 50000 h	
Lumen maintenance at median useful life* 50000 h	L75

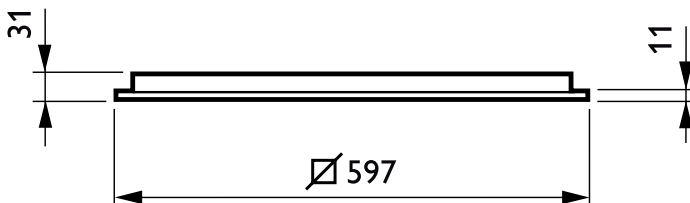
### Application Conditions

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

### 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

## Dimensional drawing



CoreLine Recessed RC120B/RC122B

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