PHILIPS Lighting



CoreLine recessed

RC122B LED27S/840 PSD W62L62

Coreline Recessed, LED Module, system flux 2700 lm, 840 neutral white, Power supply unit with DALI interface

Philips CoreLine recessed delivers on the CoreLine promise of innovative, easy-touse, high-quality luminaires. It's a high-quality recessed LED that's designed to replace existing recessed luminaires with T8 or T5 technology. This CoreLine family also features an innovative new choice of multiple lumen outputs in one single luminaire, called MultiLumen. Instant energy savings and a longer lifetime, make this is an environmentally-friendly and cost-saving solution. With a quick-connector or Wieland feature, CoreLine RC136B recessed luminaires are quick and easy to install. Also available within the range are Interact Ready luminaires with integrated wireless communications, which are fully compatible with Interact gateways, sensors and software.

Warnings and Safety

- The product is IPXO & as such is not protected against water ingress & as such we strongly recommend that The environment in which The luminaire is to be installed is suitably checked
- If the above advice is not taken and the luminaires are subject to water ingress, Philips / Signify cannot guarantee safe failure & product warranty will become void

Product data

General Information		Remarks	*-Per Lighting Europe guidance paper
Lamp family code	LED27S [LED Module, system flux 2700 lm]		"Evaluating performance of LED based
Cap-Base	- [-]		luminaires - January 2018": statistically there
Light source replaceable	No		is no relevant difference in lumen
Number of gear units	1 unit		maintenance between B50 and for example
Gear	EB [Electronic]		B10. Therefore, the median useful life (B50)
Driver included	Yes		value also represents the B10 value.
		Product family code	RC122B [Coreline Recessed]

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Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period	3 years + 2 years upon registration
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	2,700 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	92 lm/W
Color rendering index (CRI)	≥80
Number of light sources	2
Light source color	840 neutral white
Dptic type	Wide beam
Optical cover type	Polycarbonate linear satinized
uminaire light beam spread	86°
Jnified glare rating CEN	Not applicable
Operating and Electrical	
nput Voltage	220 to 240 V
ine Frequency	50 to 60 Hz
nrush current	14.7 A
nrush time	0.25 ms
Power Consumption	26.6 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type	38
B	
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
constant ugnt output	
Mechanical and Housing	
A COMPANY AND NOUSING	

Steel

Mechanical and Housing

Housing Material

Reflector material	Steel
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	White
Optical cover finish	Textured
Overall length	622 mm
Overall width	622 mm
Overall height	32 mm
Dimensions (Height x Width x Depth)	32 x 622 x 622 mm
Approval and Application	
Ingress protection code	IP20 [Finger-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	5 %
life 50000 h	
Lumen maintenance at median useful life*	L75
50000 h	

Application Conditions

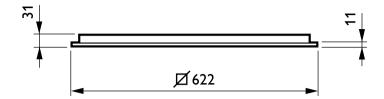
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes

Product Data

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

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Dimensional drawing





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