PHILIPS Lighting



CoreLine recessed

RC122B LED34S/840 PSD W62L62 VAR-PC

Coreline Recessed, LED module, system flux 3400 lm, 840 neutral white, Power supply unit with DALI interface, Variable linear-lens array in polycarbonate cover

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		Driver included	Yes
Lamp family code	LED34S [LED module, system flux 3400 lm]	Remarks	*-Per Lighting Europe guidance paper
Cap-Base	- [-]		"Evaluating performance of LED based
Light source replaceable	No		luminaires - January 2018": statistically there
Number of gear units	1 unit		is no relevant difference in lumen
Gear	EB [Electronic]		maintenance between B50 and for example

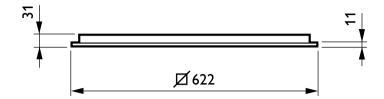
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	B10. Therefore, the median useful life (B50)
	value also represents the B10 value.
Product family code	RC122B [Coreline Recessed]
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period	3 years + 2 years upon registration
Flammability 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	3,400 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	117 lm/W
Color rendering index (CRI)	≥80
Number of light sources	2
Light source color	840 neutral white
Optic type	Wide beam
Optical cover type	Variable linear-lens array in polycarbonate
	cover
Luminaire light beam spread	75°
Unified glare rating CEN	Not applicable
	• Processo
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	22 A
Inrush time	0.275 ms
Power Consumption	27.9 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	r ush-in connector and putt letter
	- 24
Number of products on MCB of 16 A type B	24
<u> </u>	
Temperature	
	+10 to +40 °C
Ambient temperature range	+10 to +40 C
Controls and Dimming	
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
	DALI
Control interface Constant light output	No

Mechanical and Housing	
Housing Material	Steel
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 Compli	ant)
Control gear failure rate at median useful	5 %
life 50000 h	
Lumen maintenance at median useful	L75
life* 50000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	1%
Maximum aim level	170
Maximum dim level Suitable for random switching	Yes
Suitable for random switching	
Suitable for random switching Product Data	Yes
Suitable for random switching	Yes
Suitable for random switching Product Data	Yes RC122B LED34S/840 PSD W62L62 VAR-PC
Suitable for random switching Product Data Order product name	Yes RC122B LED34S/840 PSD W62L62 VAR-PC
Suitable for random switching Product Data Order product name Full product name	Yes RC122B LED34S/840 PSD W62L62 VAR-PC RC122B LED34S/840 PSD W62L62 VAR-PC
Suitable for random switching Product Data Order product name Full product name Full product code	Yes RC122B LED34S/840 PSD W62L62 VAR-PC RC122B LED34S/840 PSD W62L62 VAR-PC 871829188138400
Suitable for random switching Product Data Order product name Full product name Full product code Order code	Yes RC122B LED34S/840 PSD W62L62 VAR-PC RC122B LED34S/840 PSD W62L62 VAR-PC 871829188138400 910930204948
Suitable for random switching Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	Yes RC122B LED345/840 PSD W62L62 VAR-PC RC122B LED345/840 PSD W62L62 VAR-PC 871829188138400 910930204948 910930204948
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Dimensional drawing





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