CoreLine recessed

RC120B LED34S/840 PSD W60L60 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-to-use, 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 IPX0 & 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	
Lamp family code	LED34S [LED module, system flux 3400 lm]
Cap-Base	- [-]
Light source replaceable	No
Number of gear units	1 unit
Gear	EB [Electronic]

Driver included	Yes
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 example

CoreLine recessed

	B10. Therefore, the median useful life (B50) value also represents the B10 value.		**Mechanical and Housing**	
			Housing Material	Steel
Product family code	RC120B [Coreline Recessed]		**Reflector material**	Steel
Lighting Technology	LED		**Optic material**	Polycarbonate
Value ladder	Performance		**Optical cover material**	Polycarbonate
CE mark	Yes		**Fixation material**	–
Warranty period	3 years + 2 years upon registration		**Housing Color**	White
Flammability mark	For mounting on normally flammable surfaces		**Optical cover finish**	Textured
ENEC mark	ENEC mark		**Overall length**	597 mm
Glow-wire test	Temperature 850 °C, duration 30 s		**Overall width**	597 mm
EU RoHS compliant	Yes		**Overall height**	32 mm
			Dimensions (Height x Width x Depth)	32 x 597 x 597 mm

Light Technical			**Approval and Application**	
Luminous Flux	3,400 lm		**Ingress protection code**	IP20 [Finger-protected]
Correlated Color Temperature (Nom)	4000 K		**Mech. impact protection code**	IK02 [0.2 J standard]
Luminous Efficacy (rated) (Nom)	117 lm/W		**Protection class IEC**	Safety class I
Color rendering index (CRI)	≥80			
Number of light sources	2		**Initial Performance (IEC Compliant)**	
Light source color	840 neutral white		**Luminous flux tolerance**	+/-10%
Optic type	Wide beam		**Initial chromaticity**	(0.38, 0.38) SDCM <3
Optical cover type	Variable linear-lens array in polycarbonate cover		**Power consumption tolerance**	+/-10%
Luminaire light beam spread	75°		**Over Time Performance (IEC Compliant)**	
Unified glare rating CEN	Not applicable		**Control gear failure rate at median useful life 50000 h**	5 %

Operating and Electrical			**Lumen maintenance at median useful life* 50000 h**	L75
Input Voltage	220 to 240 V			
Line Frequency	50 to 60 Hz		**Application Conditions**	
Inrush current	22 A		**Performance ambient temperature Tq**	25 °C
Inrush time	0.275 ms		**Maximum dim level**	1%
Power Consumption	27.9 W		**Suitable for random switching**	Yes
Power Factor (Fraction)	0.9			
Connection	Push-in connector and pull relief		**Product Data**	
Cable	–		**Order product name**	RC120B LED34S/840 PSD W60L60 VAR-PC
Number of products on MCB of 16 A type B	24		**Full product name**	RC120B LED34S/840 PSD W60L60 VAR-PC
			Full product code	871829126648800
Temperature			**Order code**	910501996103
Ambient temperature range	+10 to +40 °C		**Material Nr. (12NC)**	910501996103
			Numerator – Quantity Per Pack	1
Controls and Dimming			**EAN/UPC – Product/Case**	8718291266488
Dimmable	Yes		**Numerator – Packs per outer box**	1
Driver/power unit/transformer	Power supply unit with DALI interface		**EAN/UPC – Case**	8718291266488
Control interface	DALI			
Constant light output	No			

CoreLine recessed

Dimensional drawing

31

11

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