



CoreLine recessed

RC134B LED37S/830 PSU W30L120 ELB3 NOC

CoreLine recessed, 38 W, 1200x300 mm, 3700 lm, 3000 K, ELB3h

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.

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	
Light source replaceable	No
Number of gear units	1 unit
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
	B10. Therefore, the median useful life (B50)
	value also represents the B10 value.
Service tag	Yes
Product family code	RC134B [Coreline Recessed]

Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period	5 years
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	3,700 lm

Datasheet, 2023, August 3 data subject to change

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Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	97 lm/W
Color rendering index (CRI)	≥80
Light source color	830 warm white
Optic type	Wide beam
Luminaire light beam spread	93°
Unified glare rating CEN	22
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	8 A
Inrush time	0.06 ms
Power Consumption	38 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type	24
В	
Temperature	
Ambient temperature range	+10 to +40 °C
Ambient temperature range	+10 to +40 °C
Ambient temperature range Controls and Dimming	+10 to +40 °C
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Controls and Dimming	
Controls and Dimming Dimmable	No
Controls and Dimming Dimmable Driver/power unit/transformer	No Power supply unit (On/Off)
Controls and Dimming Dimmable Driver/power unit/transformer	No Power supply unit (On/Off)
Controls and Dimming Dimmable Driver/power unit/transformer Constant light output	No Power supply unit (On/Off)
Controls and Dimming Dimmable Driver/power unit/transformer Constant light output Mechanical and Housing	No Power supply unit (On/Off) No
Controls and Dimming Dimmable Driver/power unit/transformer Constant light output Mechanical and Housing Housing Material	No Power supply unit (On/Off) No Steel
Controls and Dimming Dimmable Driver/power unit/transformer Constant light output Mechanical and Housing Housing Material Reflector material	No Power supply unit (On/Off) No Steel Polycarbonate
Controls and Dimming Dimmable Driver/power unit/transformer Constant light output Mechanical and Housing Housing Material Reflector material Optic material	No Power supply unit (On/Off) No Steel Polycarbonate Polycarbonate
Controls and Dimming Dimmable Driver/power unit/transformer Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material	No Power supply unit (On/Off) No Steel Polycarbonate Polycarbonate
Controls and Dimming Dimmable Driver/power unit/transformer Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material	No Power supply unit (On/Off) No Steel Polycarbonate Polycarbonate Polycarbonate -
Controls and Dimming Dimmable Driver/power unit/transformer Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color	No Power supply unit (On/Off) No Steel Polycarbonate Polycarbonate Polycarbonate - White
Controls and Dimming Dimmable Driver/power unit/transformer Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color Optical cover finish	No Power supply unit (On/Off) No Steel Polycarbonate Polycarbonate - White Textured

Dimensions (Height x Width x Depth) Approval and Application Ingress protection code IP44 [Wire-protected, splash-proof] Mech. impact protection code IKO2 [0.2 J standard] Sustainability rating - Protection class IEC Safety class I Initial Performance (IEC Compliant) Luminous flux tolerance +/-8% Initial chromaticity (0.43, 0.40) SDCM <3 Power consumption tolerance +/-10% Over Time Performance (IEC Compliant) Control gear failure rate at median useful life* 50000 h Lumen maintenance at median useful L75 Uife* 50000 h Application Conditions Performance ambient temperature Tq Suitable for random switching Product Data Order product name RC134B LED375/830 PSU W30L120 ELB3 NOC Full product code 871869934840300 Order code 34840300 Material Nr. (12NC) 910925864798	Overall height	41 mm
Ingress protection code IP44 [Wire-protected, splash-proof] Mech. impact protection code IK02 [0.2 J standard] Sustainability rating Protection class IEC Safety class I Initial Performance (IEC Compliant) Luminous flux tolerance +/-8% Initial chromaticity (0.43, 0.40) SDCM <3 Power consumption tolerance +/-10% Over Time Performance (IEC Compliant) Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful L75 Liife* 50000 h Application Conditions Performance ambient temperature Tq 25 °C Suitable for random switching Yes Product Data Order product name RC134B LED37S/830 PSU W30L120 ELB3 NOC Full product code 871869934840300 Order code 34840300	Dimensions (Height x Width x Depth)	41 x 297 x 1197 mm
Ingress protection code IP44 [Wire-protected, splash-proof] Mech. impact protection code IK02 [0.2 J standard] Sustainability rating Protection class IEC Safety class I Initial Performance (IEC Compliant) Luminous flux tolerance +/-8% Initial chromaticity (0.43, 0.40) SDCM <3 Power consumption tolerance +/-10% Over Time Performance (IEC Compliant) Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful L75 Liife* 50000 h Application Conditions Performance ambient temperature Tq 25 °C Suitable for random switching Yes Product Data Order product name RC134B LED37S/830 PSU W30L120 ELB3 NOC Full product code 871869934840300 Order code 34840300		
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Initial Performance (IEC Compliant) Luminous flux tolerance +/-8% Initial chromaticity (0.43, 0.40) SDCM <3 Power consumption tolerance +/-10% Over Time Performance (IEC Compliant) Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful L75 Life* 50000 h Application Conditions Performance ambient temperature Tq 25 °C Suitable for random switching Yes Product Data Order product name RC134B LED37S/830 PSU W30L120 ELB3 NOC Full product name RC134B LED37S/830 PSU W30L120 ELB3 NOC Full product code 871869934840300 Order code 34840300	Sustainability rating	-
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Over Time Performance (IEC Compliant) 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 °C Suitable for random switching Yes Product Data Order product name RC134B LED37S/830 PSU W30L120 ELB3 NOC Full product name RC134B LED37S/830 PSU W30L120 ELB3 NOC Full product code 871869934840300 Order code 34840300	Initial chromaticity	(0.43, 0.40) SDCM <3
Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Application Conditions Performance ambient temperature Tq 25 °C Suitable for random switching Yes Product Data Order product name RC134B LED37S/830 PSU W30L120 ELB3 NOC Full product name RC134B LED37S/830 PSU W30L120 ELB3 NOC Full product code 871869934840300 Order code 34840300	Power consumption tolerance	+/-10%
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Order code 34840300		
Material Nr. (12NC) 910925864798		
Numerator - Quantity Per Pack 1		· · · · · · · · · · · · · · · · · · ·
EAN/UPC - Product/Case 8718699348403		
Numerator - Packs per outer box 1		
EAN/UPC - Case 8718699348403	EAN/UPC - Case	8718699348403

Dimensional drawing



CoreLine recessed



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