

Ledinaire recessed

RC060B LED32S/840 PSU W30L120

Ledinaire recessed, 36 W, 1200x30 mm, 3200 lm, 4000 K

Philips Ledinaire recessed (RC060B) is a range of popular off-the-shelf LED luminaires that come with Philips high-quality levels at a competitive price. Reliable, energy-efficient and affordable, Ledinaire LED recessed lights are available in a range of dimensions from 600 x 600 mm to 300 x 1,200 mm. This makes Ledinaire Recessed LED lighting panels perfect for a wide range of applications from classrooms to corridors – just what you need.

Product data

General Information	
Cap base	- [-]
Light source replaceable	No
Number of gear units	Unit
Gear	-
Driver included	Yes
Remarks	*- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value.
Lighting Technology	LED
Value ladder	Value
CE mark	Yes
Warranty period	2 years
Flammability mark	-
ENEC mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes

Light Technical	
Luminous Flux	3,200 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	89 lm/W
Colour rendering index (CRI)	≥80
Light source colour	840 neutral white
Optic type	-
Luminaire light beam spread	108°
Unified Glare Rating (CEN)	22

Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	5.3 A
Inrush time	7 ms

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Power Consumption	36 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type B	24

Temperature

Ambient temperature range	+10 to +40 °C

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

Mechanical and Housing

Housing material	Steel
Reflector material	-
Optic material	-
Optical cover/lens material	Polymethyl methacrylate
Fixation material	-
Housing Colour	White
Optical cover/lens finish	Opal
Overall length	1,197 mm
Overall width	297 mm
Overall height	41 mm
Dimensions (height x width x depth)	41 x 297 x 1197 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Sustainability rating	-
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <5
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	7.5 %
Lumen maintenance at median useful life* 50,000 h	L70

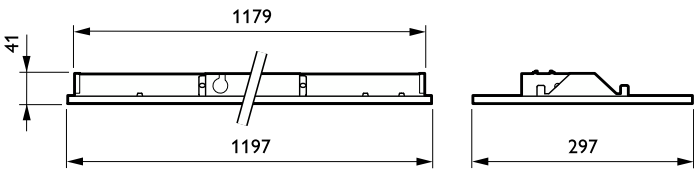
Application Conditions

Performance ambient temperature Tq	25 °C
Suitable for random switching	No

Product Data

Order product name	RC060B LED32S/840 PSU W30L120
Full product name	RC060B LED32S/840 PSU W30L120
Full EOC	871869606960800
Order code	06960800
Material no. (12 NC)	910503910204
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718696069608
Numerator – packs per outer box	1
EAN/UPC - Case	8718696069608

Dimensional drawing





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2023, April 29 - data subject to change