



Ledinaire High-bay

BY021P LED200S/840 PSU WB GR

Ledinaire High-bay, 190 W, D344 mm, 20000 lm, 4000 K, Wide beam, IP65, IK06

The Ledinaire highbay range contains a selection of off-the-shelf highbay LED luminaires that come with Philips high-quality at a competitive price. Reliable, energy efficient and affordable. Ledinaire highbay enables simple and flexible installation, either on a hook or an optional bracket. Products can be installed with optional reflectors for lower glare.

Product data

General Information	
Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
Lighting Technology	LED
Value ladder	Value
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	20,000 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	105 lm/W
Colour rendering index (CRI)	>80

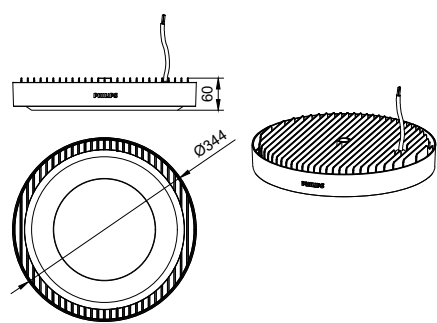
Beam angle of light source	100 degree(s)
Light source colour	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	100°
Unified Glare Rating (CEN)	Not applicable
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	10.8 A
Inrush time	0.15 ms
Power Consumption	190 W
Power Factor (Fraction)	0.95
Connection	Connection unit 3-pole
Cable	Cable 0.3 m with connector 3-pole

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Number of products on MCB of 16 A type B	12
Temperature	
Ambient temperature range	-20 to +45 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
Mechanical and Housing	
Housing material	Aluminium
Reflector material	Aluminium
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	-
Housing Colour	Dark grey
Optical cover/lens finish	Frosted
Overall height	60 mm
Overall diameter	344 mm
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]
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)	
Driver failure rate at 5,000 hours	0.01 %
Control gear failure rate at median useful life 50,000 h	7.5 %
Lumen maintenance at median useful life* 50,000 h	L65
Application Conditions	
Performance ambient temperature Tq	35 °C
Maximum dim level	Not applicable
Suitable for random switching	Yes
Product Data	
Order product name	BY021P LED200S/840 PSU WB GR
Full product name	BY021P LED200S/840 PSU WB GR
Full EOC	871016333998699
Order code	33998699
Material no. (12 NC)	911401599751
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8710163339986
Numerator – packs per outer box	4
EAN/UPC - Case	8710163339993

Dimensional drawing



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