



Ledinaire High-bay

BY021P G2 LED205S/840 PSU WB GR

Ledinaire High-bay, 168 W, D355 mm, 20500 lumen, 4000 K, Wide beam, IP65, IK06

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

Product data

General Information		Operating and Electrical	
Lighting Technology	LED	Input Voltage	220 to 240 V
Driver included	Yes	Line Frequency	50 or 60 Hz
Number of gear units	1 unit	Input Frequency	50 or 60 Hz
Service tag	No	Initial CLO power consumption	- W W
Value ladder	Value	Inrush current	54 A
Light source replaceable	Yes	Inrush time	0.75 ms
Light Technical		Power Consumption	168 W
Luminous Flux	20,500 lumen	Power Factor (Fraction)	0.9
Correlated Color Temperature (Nom)	4000 K	Connection	Connection unit 3-pole
Luminous Efficacy (rated) (Nom)	122 lm/W	Cable	Cable 0.3 m with connector 3-pole
Color rendering index (CRI)	>80	Number of products on MCB of 16 A type B	6
Light source color	840 neutral white	Temperature	
Optic type	Wide beam	Ambient temperature range	-20 to +45 °C
Luminaire light beam spread	90°	Controls and Dimming	
Unified glare rating CEN	Not applicable	Dimmable	No

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

Mechanical and Housing

Housing Material	Aluminium die-cast ADC1 - alloy grade (EN AC-47100)
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Housing Color	Gray
Optical cover/lens finish	Matte
Overall height	93 mm
Overall diameter	355 mm

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]
Sustainability rating	-
Protection class IEC	Safety class I
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	CE mark
ENEC mark	-
Warranty period	3 years
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
EU RoHS compliant	Yes

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 50000 h	7.5 %
Lumen maintenance at median useful life* 50000 h	L70

Application Conditions

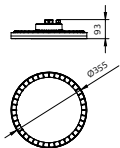
Performance ambient temperature Tq	35 °C
Suitable for random switching	No

Product Data

Full product code	871951452404000
Order product name	BY021P G2 LED205S/840 PSU WB GR
EAN/UPC - Product	8719514524040
Order code	911401642307
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material number (12NC)	911401642307
Full product name	BY021P G2 LED205S/840 PSU WB GR
EAN/UPC - Case	8719514524040



Dimensional drawing



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