



Ledinaire High-bay

BY021P G2 LED205S/840 PSU WB GR

Ledinaire High-bay, 168 W, D355 mm, 20500 lm, 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		Color rendering index (CRI)	
Light source replaceable	Yes	Light source color	840 neutral white
Number of gear units	1 unit	Optic type	Wide beam
Driver included	Yes	Luminaire light beam spread	90°
Service tag	No	Unified glare rating CEN	Not applicable
Lighting Technology		Operating and Electrical	
Value ladder	Value	Input Voltage	220 to 240 V
CE mark	CE mark	Line Frequency	50 or 60 Hz
Warranty period	3 years	Initial CLO power consumption	- W W
Flammability mark	-	Inrush current	54 A
ENEC mark	-	Inrush time	0.75 ms
Glow-wire test	Temperature 650 °C, duration 30 s	Power Consumption	168 W
EU RoHS compliant	Yes	Power Factor (Fraction)	0.9
Light Technical		Connection	Connection unit 3-pole
Luminous Flux	20,500 lm	Cable	Cable 0.3 m with connector 3-pole
Correlated Color Temperature (Nom)	4000 K	Number of products on MCB of 16 A type B	6
Luminous Efficacy (rated) (Nom)	122 lm/W		

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Temperature

Ambient temperature range	-20 to +45 °C
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Controls and Dimming

Dimmable	No
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 material	Polycarbonate
Fixation material	Steel
Housing Color	Grey
Optical cover 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
Photobiological risk	Photobiological risk group 1 @200mm to EN62778

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

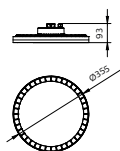
Application Conditions

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

Product Data

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

Dimensional drawing



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