



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	Color rendering index (CRI)	>80
Number of gear units	1 unit	Light source color	840 neutral white
Driver included	Yes	Optic type	Wide beam
Service tag	No	Luminaire light beam spread	90°
Lighting Technology	LED	Unified glare rating CEN	Not applicable
Value ladder	Value	Operating and Electrical	
CE mark	CE mark	Input Voltage	220 to 240 V
Warranty period	3 years	Line Frequency	50 or 60 Hz
Flammability mark	-	Initial CLO power consumption	- W W
ENEC mark	-	Inrush current	54 A
Glow-wire test	Temperature 650 °C, duration 30 s	Inrush time	0.75 ms
EU RoHS compliant	Yes	Power Consumption	168 W
Light Technical		Power Factor (Fraction)	0.9
Luminous Flux	20,500 lm	Connection	Connection unit 3-pole
Correlated Color Temperature (Nom)	4000 K	Cable	Cable 0.3 m with connector 3-pole
Luminous Efficacy (rated) (Nom)	122 lm/W	Number of products on MCB of 16 A type B	6

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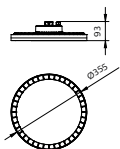
Temperature	
Ambient temperature range	-20 to +45 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminium die-cast ADC1 - alloy grade (EN AC-47100)
Reflector material	-
Optic material	Polycarbonate
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 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	
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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