CoreLine Value Highbay

BY101P LED200S/840 PSU WB

CoreLine Value Highbay - Power supply unit - Beam angle 90° -
90°

CoreLine Value High-bay is the right choice for projects where essential
specification and ease of installation are key. It comes with a trusted, high light
quality, good service lifetime, energy savings and less maintenance. CoreLine Value
High-bay delivers clear benefits for the installer too. The luminaire can be installed
on the existing grid, and electrical connection is straightforward – there is no need to
open the luminaire for installation and the external IP65 connector makes things
easy to handle. A selection of optional accessories are available, including reflectors
and a bracket to further increase installation flexibility.

Product data

General information

Light source color	840 neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optic type	Beam angle 90°
Luminaire light beam spread	90°
Connection	Connection unit 3-pole
Cable	Cable 0.3 m with connector 3-pole
Protection class IEC	Safety class I
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	–

CE mark	Yes
ENEC mark	–
Warranty period	5 years
Constant light output	No
Number of products on MCB of 16 A type B	6
Photobiological risk specification	0.4 m
EU RoHS compliant	Yes
Unified glare rating CEN	30

Light technical

Saturated Red (R9)	<50

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Operating and electrical

Input Voltage	220 to 240 V
Input Frequency	50 or 60 Hz
Inrush current	42 A
Inrush time	0.65 ms
Power Factor (Min)	0.95

Controls and dimming

Dimmable	No

Mechanical and housing

Housing Material	Aluminium die-cast ADC1 – alloy grade (EN AC-47100)
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Optical cover/lens finish	Matte
Overall height	99 mm
Overall diameter	305 mm
Color	Gray
Dimensions (Height x Width x Depth)	99 x NaN x NaN mm

Approval and application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]
Sustainability rating	–

Initial performance (IEC compliant)

Initial luminous flux (system flux)	20500 lm

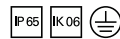|	
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	133 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.385, 0.380) SDCM<5
Initial input power	154 W
Power consumption tolerance	+/-10%

Over time performance (IEC compliant)

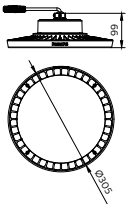|	
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L70

Application conditions

Ambient temperature range	–20 to +45 °C
Performance ambient temperature Tq	35 °C
Suitable for random switching	No

Product data

Full product code	871951452921200
Order product name	BY101P LED200S/840 PSU WB
EAN/UPC – Product	8719514529212
Order code	911401646207
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	1
Material Nr. (12NC)	911401646207
Net Weight (Piece)	2.300 kg

IP 65 IK 06 ⏚

Dimensional drawing

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