



CoreLine Value Highbay

BY100P LED100S/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	CE mark	CE mark
Light source replaceable	No	ENEC mark	-
Number of gear units	1 unit	Warranty period	5 years
Driver/power unit/transformer	Power supply unit	Constant light output	No
Driver included	Yes	Number of products on MCB of 16 A type B	8
Optic type	Beam angle 90°	Photobiological risk specification	0.4 m
Luminaire light beam spread	90°	EU RoHS compliant	Yes
Connection	Connection unit 3-pole	Unified glare rating CEN	28
Cable	Cable 0.3 m with connector 3-pole	Light technical	
Protection class IEC	Safety class I	Saturated Red (R9)	<50
Glow-wire test	Temperature 650 °C, duration 30 s		
Flammability mark	-		

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Operating and electrical

Input Voltage	220 to 240 V
Input Frequency	50 or 60 Hz
Inrush current	40 A
Inrush time	0.6 ms
Power Factor (Min)	0.95

Controls and dimming

Dimmable	No
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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	89 mm
Overall diameter	278 mm
Color	Gray
Dimensions (Height x Width x Depth)	89 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)	10500 lm
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Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	136 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.385, 0.380) SDCM<5
Initial input power	77 W
Power consumption tolerance	+/-10%

Over time performance (IEC compliant)

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

Application conditions

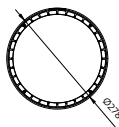
Ambient temperature range	-20 to +45 °C
Performance ambient temperature Tq	35 °C
Suitable for random switching	No

Product data

Full product code	871951454298300
Order product name	BY100P LED100S/840 PSU WB
EAN/UPC - Product	8719514542983
Order code	911401671107
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	911401671107
Net Weight (Piece)	1.900 kg



Dimensional drawing



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