



CoreLine Highbay Gen5

BY122P G5 LED250S/840 PSU WB

CoreLine Highbay Gen5, 157 W, 25000 lm, 4000 K, Wide beam, IP65, IK08

CoreLine Highbay Gen5 delivers on the CoreLine promise of innovative, easy-to-use and high-quality luminaires. A reliable, highly-efficient luminaire with a very long-lifetime, it delivers great energy savings and requires less maintenance. At the same time, CoreLine Highbay is very easy to handle. The luminaire can be installed on your existing grid and the electrical connection is a straightforward task, with no need to open the luminaire and an external IP65 connector. With a choice of two beam angles: narrow and wide beam, you can adjust your lighting plan to suit your exact needs. This range also includes Interact Ready luminaires with integrated wireless communications and integrated movement and daylight sensors. So CoreLine Highbay Gen5 is ready to be used with any Interact connected lighting system.

Product data

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Lighting Technology	LED
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark

Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	25,000 lm
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	159 lm/W
Color rendering index (CRI)	>80

Datasheet, 2024, March 21 data subject to change

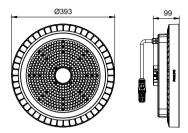
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Flickering value (PstLM) - Flickering value as	0.5
per EN 61000-3-3	0.5
Stroboscopic effect visibility measure (SVM)	1
Light source color	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	85° x 85°
Unified glare rating CEN	25
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	54 A
Inrush time	750 ms
Power Consumption	157 W
Power Factor (Fraction)	0.95
Connection	Connection unit 3-pole
Cable	Cable 0.3 m with connector 3-pole
Number of products on MCB of 16 A type B	6
Temperature	
Ambient temperature range	-30 to +50 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum die-cast
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	Grey
Optical cover finish	Clear
Overall length	
	393 mm
Overall height	393 mm 99 mm
Overall height	99 mm
Overall height	99 mm
Overall height Overall diameter	99 mm

Mech. impact protection code	IK08 [5 J vandal-protected]
Sustainability rating	-
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 1 @200mm to
	EN62778
Photobiological risk specification	18.2 m
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.385, 0.380) SDCM<5
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compliant)	·
Control gear failure rate at median useful life	5 %
50000 h	
Control gear failure rate at median useful life	10 %
100000 h	
Lumen maintenance at median useful life*	L85
50000 h	
Lumen maintenance at median useful life*	L75
100000 h	
Application Conditions	
Application Conditions	25.00
Performance ambient temperature Tq	35 °C
Maximum dim level	Not applicable
Suitable for random switching	Yes
Product Data	
	DV122D CE I ED2EOC (040 DCI I WD
Order product name	BY122P G5 LED250S/840 PSU WB
Full product name	BY122P G5 LED250S/840 PSU WB
Full product code	871951495583700
Order code	911401630908
Material Nr. (12NC)	911401630908
Numerator - Quantity Per Pack	0710514055037
EAN/UPC - Product/Case	8719514955837
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514955837

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Dimensional drawing





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