



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 savings on energy 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		Product data	
Lighting Technology	LED	Luminous Efficacy (rated) (Nom)	159 lm/W
Driver included	Yes	Colour rendering index (CRI)	>80
Number of gear units	Unit	Flickering value (PstLM)	0.5
Light source replaceable	No	Stroboscopic effect	1
Light technical		Light source colour	840 neutral white
Luminous Flux	25,000 lm	Optic type	Wide beam
Saturated Red (R9)	<50	Luminaire light beam spread	85° x 85°
Correlated Colour Temperature	4000 K	Unified Glare Rating (CEN)	25

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Operating and electrical		CE mark	Yes
Input Voltage		ENEC mark	ENEC mark
Line Frequency		Warranty period	5 years
Input frequency		Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Inrush current		Photobiological risk specification	18.2 m
Inrush time		EU RoHS compliant	Yes
Power Consumption		Initial performance (IEC compliant)	
Power Factor (Fraction)		Luminous flux tolerance	+/-10%
Connection		Initial chromaticity	(0.385, 0.380) SDCM<5
Cable		Power consumption tolerance	+/-10%
Number of products on MCB of 16 A type B		Over time performance (IEC compliant)	
6		Control gear failure rate at median useful life	5 %
-30 to +50 °C		50,000 h	
Temperature		Control gear failure rate at median useful life	10 %
Ambient temperature range		100,000 h	
Controls and dimming		Lumen maintenance at median useful life*	L85
Dimmable		50,000 h	
Driver/power unit/transformer		Lumen maintenance at median useful life*	L75
Constant light output		100,000 h	
Mechanical and housing		Application conditions	
Housing material		Performance ambient temperature Tq	35 °C
Reflector material		Maximum dim level	Not applicable
Optic material		Suitable for random switching	Yes
Optical cover/lens material		Product data	
Polycarbonate		Full EOC	871951495583700
Fixation material		Order product name	BY122P G5 LED250S/840 PSU WB
Housing Colour		EAN/UPC – product	8719514955837
Optical cover/lens finish		Order code	95583700
Overall length		SAP numerator – quantity per pack	1
Overall height		Numerator – packs per outer box	1
Overall diameter		Material number (12NC)	911401630908
Approval and application		Full product name	BY122P G5 LED250S/840 PSU WB
Ingress protection code		EAN/UPC – Case	8719514955837
Mech. impact protection code		  	
Sustainability rating			
Protection class IEC			
Glow-wire test			
Flammability mark			

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Dimensional drawing

