



Coreline Highbay Gen4

BY122P G4 LED250S/865 PSD NB

- 865 cool daylight - Power supply unit with DALI interface - Narrow beam

CoreLine Highbay Gen4 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 Gen4 is ready to be used with any Interact connected lighting system.

Product data

General Information		Correlated Color Temperature (Nom)	
Light source replaceable	No	Correlated Color Temperature (Nom)	6500 K
Number of gear units	2 units	Luminous Efficacy (rated) (Nom)	139 lm/W
Driver included	Yes	Color rendering index (CRI)	>80
Light source engine type	LED	Beam angle of light source	55 degree(s)
Service tag	Yes	Light source color	865 cool daylight
Value ladder	Performance	Optic type	Narrow beam
		Optical cover/lens type	Polycarbonate bowl/cover
		Luminaire light beam spread	55°
		Unified glare rating CEN	22
Light Technical			
Luminous Flux	25,500 lumen		

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Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	60 A
Inrush time	0.6 ms
Power Consumption	183 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	8

Temperature	
Ambient temperature range	-30 to +45 °C

Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

Mechanical and Housing	
Housing Material	Aluminum
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Aluminum
Housing Color	Gray
Optical cover/lens finish	Clear
Overall height	464 mm
Overall diameter	510 mm

Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]
Protection class IEC	Safety class I
Glow-wire test	Temperature 650 °C, duration 30 s

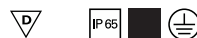
Flammability mark	For mounting on easily flammable surfaces
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
EU RoHS compliant	Yes

Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.31, 0.32 SDCM <5
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)	
Driver failure rate at 5000 h	0.3 %
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L80

Application Conditions	
Performance ambient temperature Tq	35 °C
Maximum dim level	1%
Suitable for random switching	Yes

Product Data	
Full product code	871016333881100
Order product name	BY122P G4 LED250S/865 PSD NB
EAN/UPC - Product	8710163338811
Order code	911401582251
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material number (12NC)	911401582251
Full product name	BY122P G4 LED250S/865 PSD NB
EAN/UPC - Case	8710163338811



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Dimensional drawing

