



# CoreLine Highbay Gen5

## **BY122P G5 LED250S/840 PSD NB**

CoreLine Highbay Gen5, 168 W, 25000 lm, 4000 K, DALI, Narrow 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	2 units
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)	149 lm/W
Color rendering index (CRI)	>80

Datasheet, 2024, March 21 data subject to change

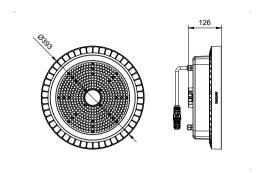
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Flickering value (PstLM) - Flickering value as	0.5
per EN 61000-3-3	
Stroboscopic effect visibility measure (SVM)	1
Light source color	840 neutral white
Optic type	Narrow beam
Luminaire light beam spread	55°
Unified glare rating CEN	22
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	60 A
Inrush time	600 ms
Power Consumption	168 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 ℃
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 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	126 mm
	393 mm
Overall height	
Overall height Overall diameter	
Overall height	

IK08 [5 J vandal-protected]
-
Safety class I
Photobiological risk group 1 @200mm to
EN62778
18.2 m
+/-10%
(0.385, 0.380) SDCM<5
+/-10%
)
5 %
10 %
L85
L75
35 ℃
20%
Yes
BY122P G5 LED250S/840 PSD NB
BY122P G5 LED250S/840 PSD NB
871951495586800
911401631208
911401631208
1
8719514955868
1

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### Dimensional drawing





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