



# CoreLine Highbay Gen5

## BY122X G5 LED300S/840 SIA NB H4

CoreLine Highbay Gen5, 203 W, 30000 lumen, 4000 K, Wireless, Interact Ready, Narrow beam, H4, IP65, IK05

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
CE mark	Yes
Number of gear units	1 unit
Driver included	Yes
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s
Warranty period	5 years
Connectivity	Interact Ready

Lighting Technology	LED
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Embedded control	Sensor SNH (R) 210
Application Conditions	
Maximum dim level	1%
Performance ambient temperature Tq	35 °C
Suitable for random switching	Yes

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<b>Light Technical</b>	
Luminous Flux	30,000 lumen
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	148 lm/W
Color rendering index (CRI)	>80
Flickering value (PstLM)	0.5
Stroboscopic effect value (SVM)	1
Light source color	840 neutral white
Optic type	Narrow beam
Luminaire light beam spread	55°
Unified glare rating CEN	22
<b>Operating and Electrical</b>	
Line Frequency	50 or 60 Hz
Input Voltage	220 to 240 V
Inrush current	5.1 A
Inrush time	760 ms
Power Consumption	203 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
<b>Temperature</b>	
Ambient temperature range	-30 to +50 °C
<b>Controls and Dimming</b>	
Dimmable	Wireless Dim
Driver/power unit/transformer	Sensor ready driver Interact System ready
Control interface	Wireless
Constant light output	No
<b>Mechanical and Housing</b>	
Housing Material	Aluminum die-cast
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	-
Housing Color	Gray
Optical cover/lens finish	Clear
Overall length	530 mm

Overall width	393 mm
Overall height	126 mm
Overall diameter	393 mm
Dimensions (Height x Width x Depth)	126 x 393 x 530 mm
<b>Approval and Application</b>	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK05 [0.7 J]
Sustainability rating	-
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Photobiological risk specification	18.2 m
<b>Initial Performance (IEC Compliant)</b>	
Initial chromaticity	(0.385, 0.380) SDCM<5
Luminous flux tolerance	+/-10%
Power consumption tolerance	+/-10%
<b>Over Time Performance (IEC Compliant)</b>	
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	
<b>Product Data</b>	
Full product code	871951495604900
Order product name	BY122X G5 LED300S/840 SIA NB H4
EAN/UPC - Product	8719514956049
Order code	911401633008
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	911401633008
Full product name	BY122X G5 LED300S/840 SIA NB H4
EAN/UPC - Case	8719514956049

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### Dimensional drawing

