



CoreLine Highbay

BY121P G3 LED205S/840 PSD NB GR

CoreLine Highbay, 155 W, 20500 lm, 4000 K, DALI

Following the successful introduction of the CoreLine High-bay in 2013, the upgrade to a new generation further improves the total cost of ownership and provides optionally DALI dimming for even further savings. Designed as a replacement for HPI 250/400 W luminaires, CoreLine High-bay G3 offers customers all the benefits of LED lighting – fresh light quality, longer service lifetime, reduced energy consumption and less maintenance – from a trusted manufacturer. At the same time, it delivers clear benefits for the installer too. The luminaire can be installed on the existing grid. Electrical connection is straightforward: there is no need to open the luminaire for installation or servicing. And being smaller and lighter than conventional luminaires, it is very easy to handle.

Product data

General Information		Line Frequency	
Light source engine type	LED	Line Frequency	50 to 60 Hz
Service tag	Yes	Power Consumption	155 W
CE mark	CE mark	Power Factor (Fraction)	0.9
		Number of products on MCB of 16 A type B	8
Light Technical		Temperature	
Luminous Flux	20,500 lm	Ambient temperature range	-30 to +45 °C
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	130 lm/W	Controls and Dimming	
Color rendering index (CRI)	≥80	Dimmable	Yes
Light source color	840 neutral white	Control interface	DALI
Optical cover type	Polycarbonate bowl/cover	Mechanical and Housing	
Operating and Electrical		Housing Material	Aluminum
Input Voltage	220 to 240 V	Optical cover material	Polycarbonate

CoreLine Highway

Housing Color	Grey
Optical cover finish	Clear
Overall length	454 mm
Overall width	452 mm
Overall height	152 mm
Overall diameter	452 mm
Dimensions (Height x Width x Depth)	152 x 452 x 454 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

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
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Power consumption tolerance	+/-10%
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Product Data

Order product name	BY121P G3 LED205S/840 PSD NB GR
Full product name	BY121P G3 LED205S/840 PSD NB GR
Full product code	871016332675700
Order code	911401524451
Material Nr. (12NC)	911401524451
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163326757
Numerator - Packs per outer box	1
EAN/UPC - Case	8710163326757

Dimensional drawing

