



CoreLine Highbay

BY121P G3 LED205S/840 PSU NB GR

CoreLine Highbay, 155 W, 20500 lm, 4000 K

Following the successful introduction of the CoreLine High-bay in 2013, the upgrade to a new generation of LEDs has further improved colour rendering and total cost of ownership. Designed as a replacement for HPI 250/400 W luminaires, CoreLine High-bay offers customers all the benefits of LED lighting – fresh light quality, longer service lifetime, reduced energy consumption and 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		Power Factor (Fraction)		0.9
Light source engine type	LED	Number of products on MCB of 16 A type B		11
CE mark	CE mark			
Light Technical		Temperature		
Luminous Flux	20,500 lm	Ambient temperature range		-30 to +45 °C
Correlated Colour Temperature	4000 K	Controls and Dimming		
Luminous efficacy (rated) (nom.)	130 lm/W	Dimmable		No
Colour rendering index (CRI)	≥80	Control interface		-
Light source colour	840 neutral white	Mechanical and Housing		
Optical cover type	Polycarbonate bowl/cover	Housing material		Aluminium
Operating and Electrical		Optical cover/lens material		Polycarbonate
Input Voltage	220 to 240 V	Housing Colour		Grey
Line Frequency	50 to 60 Hz	Optical cover/lens finish		Clear
Power Consumption	155 W	Overall length		454 mm

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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%
Power consumption tolerance	+/-10%

Product Data

Order product name	BY121P G3 LED205S/840 PSU NB GR
Full product name	BY121P G3 LED205S/840 PSU NB GR
Full EOC	871016332674000
Order code	32674000
Material no. (12 NC)	911401524351
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8710163326740
Numerator – packs per outer box	1
EAN/UPC – Case	8710163326740

Dimensional drawing

