



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 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		8
CE mark	CE mark			
Light Technical		Temperature		
Luminous Flux	20,500 lm	Ambient temperature range		
Correlated Colour Temperature	4000 K	-30 to +45 °C		
Luminous efficacy (rated) (nom.)	130 lm/W	Controls and Dimming		
Colour rendering index (CRI)	≥80	Dimmable		
Light source colour	840 neutral white	Yes		
Optical cover type	Polycarbonate bowl/cover	Control interface		
Operating and Electrical		DALI		
Input Voltage	220 to 240 V	Mechanical and Housing		
Line Frequency	50 to 60 Hz	Housing material		
Power Consumption	155 W	Aluminium		
		Optical cover/lens material		
		Polycarbonate		
		Housing Colour		
		Grey		
		Optical cover/lens finish		
		Clear		
		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 PSD NB GR
Full product name	BY121P G3 LED205S/840 PSD NB GR
Full EOC	871016332675700
Order code	32675700
Material no. (12 NC)	911401524451
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8710163326757
Numerator – packs per outer box	1
EAN/UPC – Case	8710163326757

Dimensional drawing

