



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	
- Concrete information	
Light source engine type	LED
CE mark	CE mark
Light Technical	
Luminous Flux	20,500 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	130 lm/W
Colour rendering index (CRI)	≥80
Light source colour	840 neutral white
Optical cover type	Polycarbonate bowl/cover
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Power Consumption	155 W
-	

Power Factor (Fraction)	0.9	
Number of products on MCB of 16 A type B 8		
Temperature		
Ambient temperature range	-30 to +45 °C	
Controls and Dimming		
Dimmable	Yes	
Control interface	DALI	
Mechanical and Housing		
Housing material	Aluminium	
Optical cover/lens material	Polycarbonate	
Housing Colour	Grey	
Optical cover/lens finish	Clear	
Overall length	454 mm	

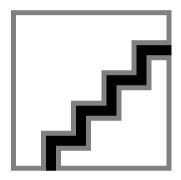
Datasheet, 2023, April 29 data subject to change

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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





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