



# CoreLine Highbay

## BY120P G3 LED105S/840 PSD NB GR

CoreLine Highbay, 81 W, 10500 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	
Light source engine type	LED
CE mark	CE mark

  

Light Technical	
Luminous Flux	10,500 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	125 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	81 W

  

Power Factor (Fraction)	0.9
Number of products on MCB of 16 A type B	11

  

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

## CoreLine Highbay

### 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	BY120P G3 LED105S/840 PSD NB GR
--------------------	---------------------------------

Full product name	BY120P G3 LED105S/840 PSD NB GR
Full EOC	871016332672600
Order code	32672600
Material no. (12 NC)	911401524151
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8710163326726
Numerator – packs per outer box	1
EAN/UPC – Case	8710163326726

### Dimensional drawing

