PHILIPS Lighting



SmartBright Highbay

BY239P LED240/NW PSU GM G2

SmartBright Highbay, 200 W, 26000 lm, 4000 K

SmartBright Highbay is a high efficient and reliable LED luminaire. Designed as the point to point replacement for HPI 250W/400W luminaires, it offers customers all the benefits of LED lighting – reduced energy consumption, longer service time and less maintenance. In addition, with using high quality of the optical cover, it provides an excellent quality of light, which effectively improves the comfort of your environment.

Product data

General Information	
Light source engine type	LED
Value ladder	Value
CE mark	CE mark
Flammability mark	-
Light Technical	
Luminous Flux	26,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	130 lm/W
Color rendering index (CRI)	>80
Light source color	840 neutral white
Optical cover type	Lens
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	54 A
Power Consumption	200 W

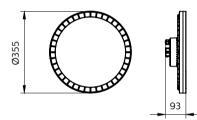
Power Factor (Fraction)	0.95	
Number of products on MCB of 16 A type B 6		
Temperature		
Ambient temperature range	-20 to +45 °C	
Controls and Dimming		
Dimmable	No	
Control interface	-	
Mechanical and Housing		
Housing Material	Aluminum die cast	
Optical cover material	Polycarbonate	
Housing Color	Dark gray	
Optical cover finish	Clear	
Overall height	93 mm	
Overall diameter	355 mm	
Effective projected area	0.06 m²	

SmartBright Highbay

Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]
Insulation Coverage Rating	Partial coverage acc. to IEC 60598-18.1
Protection class IEC	Safety class I
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.385, 0.380) SDCM<5
Power consumption tolerance	+/-10%
Product Data	
Order product name	BY239P LED240/NW PSU GM G2

Full product name	BY239P LED240/NW PSU GM G2
Full product code	871951454107800
Order code	911401640607
Material Nr. (12NC)	911401640607
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514541078
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514541078
Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case Numerator - Packs per outer box	911401640607 911401640607 1 8719514541078 1

Dimensional drawing





© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, December 26 - data subject to change