

PHILIPS**Lighting**

SmartBright Highbay

BY239P LED195/NW PSU GM G2

SmartBright Highbay, 150 W, 19500 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		Protection class IEC	Safety class I
Light source engine type	LED		
Value ladder	Value		
Light Technical			
Luminous Flux	19,500 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		
Effective projected area	0.06 m ²		
Operating and Electrical			
Input Voltage	220 to 240 V		
Line Frequency	50 or 60 Hz		
Inrush current	42 A		
Power Consumption	150 W		
Power Factor (Fraction)	0.95		
Number of products on MCB of 16 A type B	6		
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	319 mm		
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]		
Mech. impact protection code	IK06 [1 J]		
Optical cover type	Lens		
Net Weight (Piece)	1.890 kg		

SmartBright Highbay

Approval and Application

Insulation Coverage Rating	Partial coverage acc. to IEC 60598-1 8.1
Flammability mark	-
CE mark	Yes
Ambient temperature range	-20 to +45 °C

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 LED195/NW PSU GM G2
--------------------	----------------------------

Full product name BY239P LED195/NW PSU GM G2

Full product code 871951454105400

Order code 911401640407

Material Nr. (12NC) 911401640407

Numerator - Quantity Per Pack 1

EAN/UPC - Product/Case 8719514541054

Numerator - Packs per outer box 1

EAN/UPC - Case 8719514541054

Dimensional drawing

