



SmartBright Highbay RCA

BY235P LED100/NW PSU WB RU

840 neutral white - Power supply unit

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.

Product data

General Information		Number of products on MCB of 16 A type B -	
Beam angle of light source	- °	RoHS mark	-
Light source color	840 neutral white	Operating and Electrical	
Light source replaceable	No	Input Voltage	220 to 240 V
Number of gear units	1 unit	Input Frequency	50 to 60 Hz
Driver/power unit/transformer	Power supply unit	Initial CLO power consumption	- W
Driver included	Yes	Average CLO power consumption	- W
Optic type	-	Inrush current	40 A
Luminaire light beam spread	120°	Power Factor (Min)	0.9
Control interface	-	Controls and Dimming	
Cable	Cable 0.3 m without plug	Dimmable	No
Protection class IEC	Safety class I	Mechanical and Housing	
Glow-wire test	Temperature 650 °C, duration 5 s	Housing Material	Aluminum die cast
Flammability mark	-	Reflector material	-
CE mark	CE mark	Optic material	-
ENEC mark	-		
Warranty period	3 years		
Constant light output	No		

SmartBright Highbay RCA

Optical cover/lens material	Glass
Fixation material	Aluminum
Optical cover/lens finish	Clear
Overall height	131.5 mm
Overall diameter	300 mm
Color	Black

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK05 [0.7 J]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	10000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	100 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	70
Initial chromaticity	(0.38,0.38)SDCM<5
Initial input power	100 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Median useful life L70B50	30000 h
Median useful life L80B50	20000 h
Median useful life L90B50	10000 h

Application Conditions

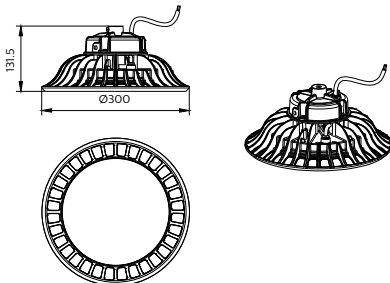
Ambient temperature range	-20 to +45 °C
Maximum dim level	Not applicable
Suitable for random switching	Not applicable

Product Data

Full product code	871016333887300
Order product name	BY235P LED100/NW PSU WB RU
EAN/UPC - Product	8710163338873
Order code	911401579351
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	911401579351
Net Weight (Piece)	2.800 kg



Dimensional drawing



SmartBright High-bay BY218P/BY235P

