



SmartBright Highbay RCA

BY235P LED200/NW PSU WB RU

SmartBright Highbay RCA, 200 W, 20000 lm, 4000 K, 120°

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			
Light source replaceable	No	Beam angle of light source	- degree(s)
Number of gear units	1 unit	Light source color	840 neutral white
Driver included	Yes	Optic type	-
Light source engine type	LED	Optical cover type	Tempered glass
Service tag	Yes	Luminaire light beam spread	120°
CE mark	CE mark	Operating and Electrical	
Warranty period	3 years	Input Voltage	220 to 240 V
Flammability mark	-	Line Frequency	50 to 60 Hz
ENEC mark	-	Initial CLO power consumption	- W
Glow-wire test	Temperature 650 °C, duration 5 s	Average CLO power consumption	- W
EU RoHS compliant	No	Inrush current	50 A
Light Technical		Power Consumption	200 W
Luminous Flux	20,000 lm	Power Factor (Fraction)	0.9
Correlated Color Temperature (Nom)	4000 K	Cable	Cable 0.3 m without plug
Luminous Efficacy (rated) (Nom)	100 lm/W	Number of products on MCB of 16 A type B	-
Color rendering index (CRI)	70		

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Temperature	
Ambient temperature range	-20 to +45 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum die cast
Reflector material	-
Optic material	-
Optical cover material	Glass
Fixation material	Aluminum
Housing Color	Black
Optical cover finish	Clear
Overall height	146.5 mm
Overall diameter	390 mm
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK05 [0.7 J]
Protection class IEC	Safety class I
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%

Initial chromaticity	(0.38,0.38)SDCM<5
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compliant)	
Driver failure rate at 5000 h	0.01 %
Median useful life L70B50	30,000 hour(s)
Median useful life L80B50	20,000 hour(s)
Median useful life L90B50	10,000 hour(s)
Application Conditions	
Maximum dim level	Not applicable
Product Data	
Order product name	BY235P LED200/NW PSU WB RU
Full product name	BY235P LED200/NW PSU WB RU
Full product code	871016333889700
Order code	911401579551
Material Nr. (12NC)	911401579551
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163338897
Numerator - Packs per outer box	1
EAN/UPC - Case	8710163338897

Dimensional drawing



