



Trusted performance. Everyday.

SmartBright Highbay RCA

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.

Benefits

- Energy saving up to 61% comparing to HPI-P system
- Safe & Reliable
- Easy installation and retrofitting

Features

- High efficacy: 100 lumens per watt
- Full family is in compliance with CE, EMC and EAC norms
- Suitable for pole and hook mounting

Application

- Industry : Factories, warehouses, workshops, assembly lines, etc.
- High ceiling indoor : Shopping malls, airports, stadium, etc.

Versions



PHL SmartBright Highbay RCA
BY235P LED100 WB



PHL SmartBright Highbay RCA
BY235P LED150 WB

SmartBright Highbay RCA

Versions



PHL SmartBright Highbay RCA
BY235P LED200 WB



PHL SmartBright Highbay RCA
BY235P LED100 NB



PHL SmartBright Highbay RCA
BY235P LED150 NB



PHL SmartBright Highbay RCA
BY235P LED200 NB

Product details



Solid diecasting housing

-	
Driver failure rate at 5000 h	0.01 %
Application Conditions	
Ambient temperature range	-20 to +45 °C
Maximum dim level	Not applicable
Approval and Application	
Mech. impact protection code	IK05
Ingress protection code	IP65
Controls and Dimming	
Dimmable	No
Operating and Electrical	
Input Voltage	220 to 240 V
General Information	
Beam angle of light source	- °
CE mark	CE mark
Protection class IEC	Safety class I
Driver included	Yes
ENEC mark	-
Flammability mark	-
Glow-wire test	Temperature 650 °C, duration 5 s
Light source replaceable	No
Number of gear units	1 unit
Optic type	-
Service tag	Yes
Initial Performance (IEC Compliant)	
Initial chromaticy	(0.38,0.38)SDCM<5
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	70
Initial LED luminaire efficacy	100 lm/W
Luminous flux tolerance	+/-10%
Mechanical and Housing	
Color	Black
Over Time Performance (IEC Compliant)	
Median useful life L80B50	20000 h
Median useful life L90B50	10000 h

General Information

Order Code	Full Product Name	Optical cover/lens type
911401579351	BY235P LED100/NW PSU WB RU	Tempered glass
911401579451	BY235P LED150/NW PSU WB RU	Tempered glass
911401579551	BY235P LED200/NW PSU WB RU	Tempered glass
911401579651	BY235P LED100/NW PSU NB RU	Polycarbonate bowl/cover foggy
911401579751	BY235P LED150/NW PSU NB RU	Polycarbonate bowl/cover foggy
911401579851	BY235P LED200/NW PSU NB RU	Polycarbonate bowl/cover foggy

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial luminous flux	Initial input power
911401579351	BY235P LED100/NW PSU WB RU	10000 lm	100 W
911401579451	BY235P LED150/NW PSU WB RU	15000 lm	150 W
911401579551	BY235P LED200/NW PSU WB RU	20000 lm	200 W

Order Code	Full Product Name	Initial luminous flux	Initial input power
911401579651	BY235P LED100/NW PSU NB RU	10000 lm	100 W
911401579751	BY235P LED150/NW PSU NB RU	15000 lm	150 W
911401579851	BY235P LED200/NW PSU NB RU	20000 lm	200 W

