

SmartBright Highbay BY218C



SmartBright Highbay is a high efficient and reliable LED luminaire, designed for industrial applications. It enables point to point replacement of conventional HID luminaires and delivers a significant energy saving of up to 60% as compared to HID system.

With the use of micro prism optical plate, the luminaire provides an excellent glare control. The luminaires also ensure a smooth uniform lighting surface, which effectively improves the comfort of your environment.

Benefits

- High energy efficiency
- Elegant design
- High Lighting Quality
- Safe & Reliable
- Installation flexibility
- Application flexibility

Features

- System efficacy of 90lm/W
- Micro prism optical plate: Low glare, good uniformity
- Sturdy cold rolled sheet steel housing and a fire-retardant PC cover
- 25,000hrs lifetime @Ta35°C
- Suitable for pole and hook mounting
- Optics : Wide beam & Narrow beam

Applications

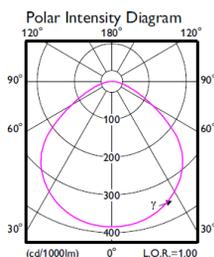
- Industry : Factories, warehouses, workshops, assembly lines, etc.
- High ceiling indoor : Shopping malls, airports, stadium, etc.



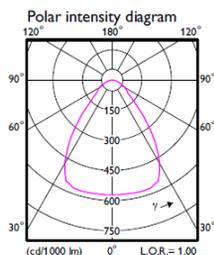
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Specification

	18000lm	9000lm	5200lm
System Power	200W	100W	60W
System efficacy	90lm/W	90lm/W	87lm/W
CCT	CW (6500K)/ NW (4000K)		
CRI	≥ 75		
Color consistency	< 5 SDCM		
IP rating	IP20		
Classification	Class I		
Operation Temperature	-20°C to +40°C (Ta35°C)		
Lifetime (hrs)	25,000 hrs (L70) @Ta35°C		
Optics	Wide Beam Narrow Beam (with reflector)		
Input Voltage	220-240V, 50/60 Hz		
Power factor	≥ 0.9		
Mounting / Installation	Pendant (pole/hook)		
Dimensions	Dia : 369mm / Ht : 147mm	Dia : 277mm / Ht : 139mm	Dia : 231mm / Ht : 124mm
Weight	4.5kgs	2.4kgs	1.6kgs
Certificate	CB/EMC/AU&NZ/CE		
Optional accessory	BY218Z RL-L	BY218Z RL-M	BY218Z RL-S
	200W NB reflector	100W NB reflector	60W NB reflector



- Wide Beam
- 2 x 50°
- Rotationally symmetric
- Suitable for general lighting in public areas and mid to high ceiling heights
- UGR 29



- Narrow Beam
- 2 x 35°
- Rotationally symmetric
- Narrow beam ensure that the luminaire is suitable for high ceiling heights
- UGR 21

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Order Information

12NC	Description	Lumen	CCT	power	control
911401560221	BY218P LED180/CW PSU	18000lm	6500K	200W	PSU
911401560321	BY218P LED180/NW PSU	18000lm	4000K	200W	PSU
911401560421	BY218P LED90/CW PSU	9000lm	6500K	100W	PSU
911401560521	BY218P LED90/NW PSU	9000lm	4000K	100W	PSU
911401560621	BY218P LED50/CW PSU	5200lm	6500K	60W	PSU
911401560721	BY218P LED50/NW PSU	5200lm	4000K	60W	PSU

Accessories

12NC	Description	
911401561421	BY218Z RL-L	Reflector for 200W
911401561521	BY218Z RL-M	Reflector for 100W
911401561621	BY218Z RL-S	Reflector for 60W
911401561721	BY218Z Hook	
911401561821	BY218Z Pendant	

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Data subject to change without notice



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