



## More Professional, More Reliable

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 plate, it provides an excellent quality of light, which effectively improves the comfort of your environment.

### Features and benefits

- System efficacy 120lm/W provides high energy savings up to 66% comparing to HID system
- 1 to 1 replacement for retrofit HID Highbay
- 30,000hrs lifetime @Ta35°C in compliance with CB and EMC norms
- Accurate light, good lighting experience, CRI>80

### Application

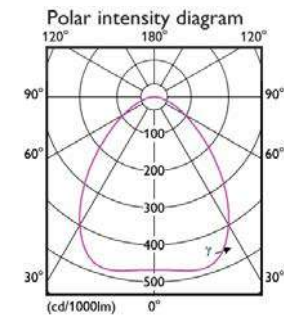
- Industry : Factories, warehouses, workshops, assembly lines, etc.
- High ceiling indoor : Shopping malls, airports, stadium, etc.

## Product Data

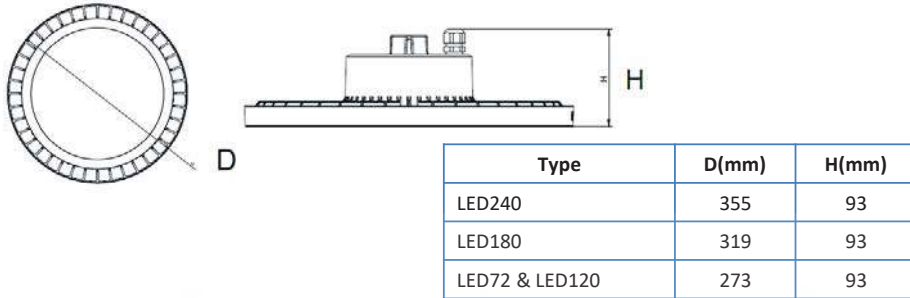
Types	BY229P LED72	BY229P LED120	BY229P LED180	BY229P LED240
Lumen Output (WB)	7200lm	12000lm	18000lm	24000lm
System Power	60W	100W	150W	200W
System efficacy	120lm/W	120lm/W	120m/W	120lm/W
CCT	CW (6500K)/ NW (4000K)			
CRI	> 80			
Color consistency	< 5 SDCM			
IP/IK rating	IP65/ IK06			
Classification	Class I			
Operation Temperature	-20°C to +45°C (Ta35°C)			
Lifetime (hrs)	30,000 hrs (Calculated L70B50) @35°C			
Optics	WB (90°) ; MB with reflector (80°) *			
Input Voltage	220-240V, 50/60 Hz			
Power factor	> 0.95			
THD	<20%			
Mounting / Installation	Suspension (hook included in the box)			
Housing	Aluminum die-casting			
Dimensions	Φ273mm/H93mm	Φ319mm/H93mm	Φ355mm/H93mm	
Weight	1.46kgs	1.85kgs	2.7kgs	
Certificate	CB/EMC			

\* Reflector need to be ordered with separate 12ncs

## Photometry



## Dimension drawing



## Order Information

12NC	Description	Specification
911401639408	BY229P LED240/NW PSU GM	200W, 24000lm, 4000K CCT, fixed output, wide beam
911401639308	BY229P LED240/CW PSU GM	200W, 24000lm, 6500K CCT fixed output, wide beam
911401639208	BY229P LED180/NW PSU GM	150W, 18000lm, 4000K CCT fixed output, wide beam
911401639108	BY229P LED180/CW PSU GM	150W, 18000lm, 6500K CCT fixed output, wide beam
911401639008	BY229P LED120/NW PSU GM	100W, 12000lm, 4000K CCT fixed output, wide beam
911401638908	BY229P LED120/CW PSU GM	100W, 12000lm, 6500K CCT fixed output, wide beam
911401638808	BY229P LED70/NW PSU GM	60W, 7200lm, 4000K CCT fixed output, wide beam
911401638708	BY229P LED70/CW PSU GM	60W, 7200lm, 6500K CCT fixed output, wide beam
911401822497	BY218Z Pendant EN	For pipe installation, need to order separately

## Comparison Product Data New vs Old

Types	BY229P LED72	BY229P LED120	BY229P LED180	BY229P LED240
Lumen Output (WB)	7200lm	12000lm	18000lm	24000lm
System Power	60W	100W	150W	200W
System efficacy	120lm/W	120lm/W	120m/W	120lm/W

Types	BY239P LED72	BY239P LED120	BY239P LED180	BY239P LED240
Lumen Output (WB)	7200lm	12000lm	18000lm	24000lm
System Power	60W	100W	150W	200W
System efficacy	120lm/W	120lm/W	120m/W	120lm/W

## Product Image

