

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
- ullet 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

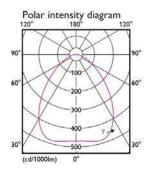
- Industry: Factories, warehouses, workshops, assembly lines, etc.
- High ceiling indoor: Shopping malls, airports, stadium, etc.

Product Data

Types	BY229P LED72	BY229P LED120	BY229P LED180	BY229P LED240	
Lumen Output (WB)	7200lm 12000lm 18000lm 24000l			24000lm	
System Power	60W 100W 150W 200W				
System efficacy	120lm/W 120lm/W 120m/W 120lm/W				
ССТ	CW (6500K)/ NW (4000K)				
CRI	> 80				
Color consistency	< 5 SDCM				
IP/IK rating	IP65/ IK06				
Classification	Class I				
Operation Temperature	-20°C to +4 <mark>5°C</mark> (Ta35°C)				
Lifetime (hrs)	30,000 hrs (Calcu <mark>lated L7</mark> 0B50) @35°C				
Optics	WB (90°) ; MB with reflector (80°) *				
Input Vol <mark>tage</mark>	22 <mark>0-24</mark> 0V, 50/6 <mark>0 Hz</mark>				
Power fa <mark>ctor</mark>	>0.95				
THD	<20%				
Mounting / Installation	Suspe <mark>nsio</mark> n (hook included in the box)				
Housing	Aluminum die-casting				
Dimensions	Ф273mm	m/H93mm Ф319mm/H93mm Ф355mm		Ф355mm/H93mm	
Weight	1.46	ikgs	1.85kgs	2.7kgs	
Certificate	CB/EMC				

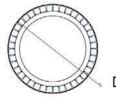
^{*} Reflector need to be ordered with separate 12ncs

Photometry



Signify Classified - Internal

Dimension drawing





Туре	D(mm)	H(mm)
LED240	355	93
LED180	319	93
LED72 & LED120	273	93

Order Information

12NC	Description	Specification Specification	System efficacy	120lm/W	120lm/W	120m/W
911401639408	BY229P LED240/NW PSU GM	200 <mark>W,</mark> 24000lm, 400 <mark>0K C</mark> CT, fixed output, wide beam				
911401639308	BY229P LED240/CW PSU GM	200 <mark>W,</mark> 24000lm, 6 <mark>500</mark> K CCT fixe <mark>d ou</mark> tput, wide <mark>bea</mark> m				
911401639208	BY229P LED180/NW PSU GM	150 <mark>W, 1</mark> 8000lm <mark>, 400</mark> 0K CCT fixed o <mark>utp</mark> ut, wide <mark>bea</mark> m				
911401639108	BY229P LED180/CW PSU GM	150 <mark>W, 1</mark> 8000 <mark>lm, 6</mark> 500K CCT fixed out <mark>put</mark> , wide <mark>bea</mark> m				
911401639008	BY229P LED120/NW PSU GM	100 <mark>W, 1</mark> 20 <mark>00lm</mark> , 4000K CCT fixed outp <mark>ut, w</mark> ide <mark>bea</mark> m				
911401638908	BY229P LED120/CW PSU GM	100W, 12000lm, 6500K CCT fixed output, wide beam				
911401638808	BY229P LED70/NW PSU GM	60W, 7200Im, 4000K CCT fixed output, wide beam				
911401638708	BY229P LED70/CW PSU GM	60W, 7200Im, 6500K CCT fixed output, wide beam				
911401822497	BY218Z Pendant EN	For pipe installation, need to order separately				
Duadica	+ l					

Product Image









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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