



SmartBright HighBay G3 BY239P



SmartBright HighBay *BY239P*

Best value LED Highbay

Applications



Other applications: Workshop, Distribution center, Assembly line, Airport, Sport hall...

Unique Selling Points:

- Up to 65% energy savings
- Visual comfortability, polycarbonate cover with good uniformity, no directly LED dots
- Accurate light, CRI>80
- UGR 18~21 @ Middle beam versions
- Robust aluminum die-casting housing
- Excellent thermal design assure long term performance
- Long life as compared to HID Highbay
- System lumen 6000lm, 10000lm, 15000lm & 20000lm options
- 1 to 1 replacement for retrofit MNH-TD 150W, HPI-P 250W & HPI-P 400W Highbay
- Unique integrated design, harmony to the environment
- Smaller and lighter than conventional luminaire, easy to handle
- Installation and application flexibilities



Features and benefits

Energy saving up to 65%

- System efficacy 100 lumens per watt
- 1 to 1 replacement for retrofit MNH-TD 150W, HPI-P 250W & HPI-P 400W Highbay

Comfort light experience

- Polycarbonate cover with good uniformity
- No direct LED dots
- Accurate light, CRI>80, R9>0
- Low UGR (18~21 @ Middle beam version)

Long-lasting performance

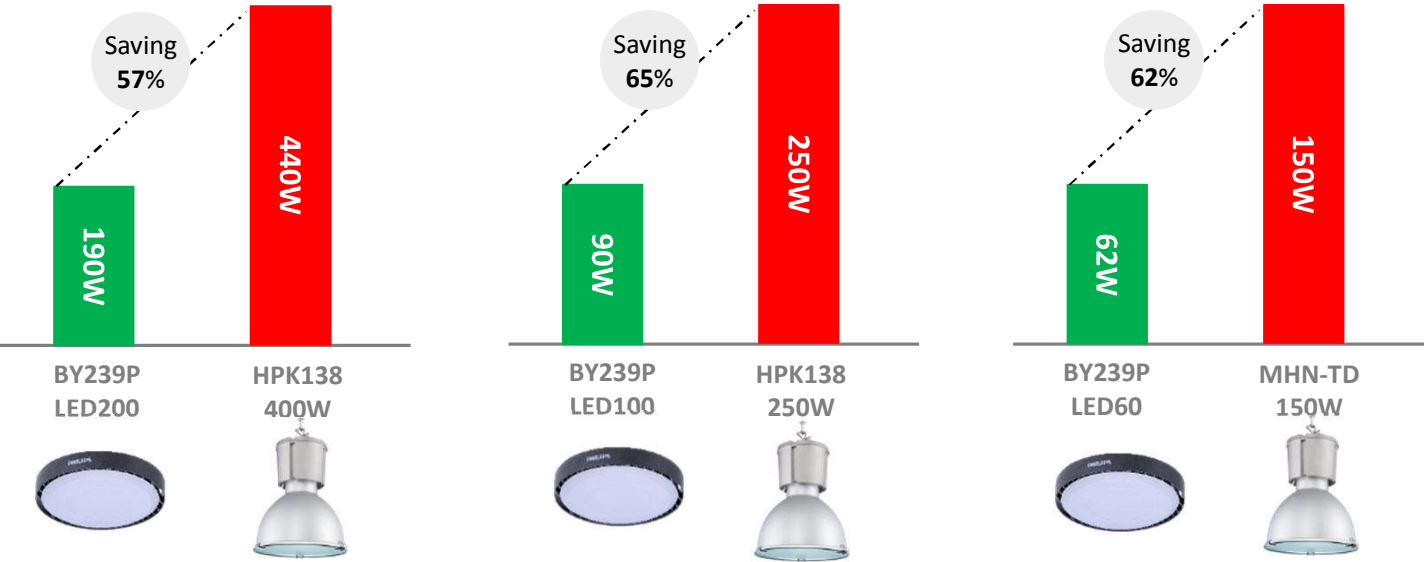
- Robust aluminum die-casting housing
- One piece flat aluminum housing offers excellent thermal dispersion to assure the long life time
- L70B50 30k hours @ Ta35°C
- Designed for operations under diverse environment from -20°C to 45°C

Usage flexibility

- Suits for hook and pipe installation
- Two options of optical, wide beam and middle beam
- Smaller and lighter than conventional luminaire, easy to handle



Energy saving up to 65%

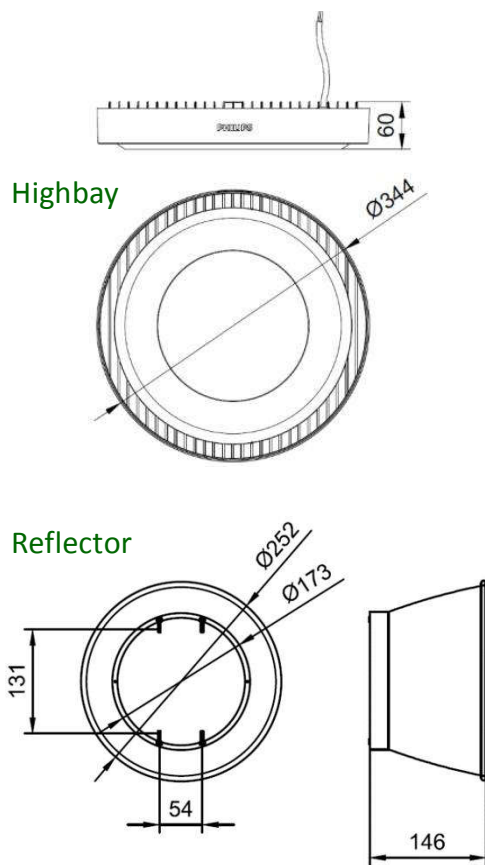


Detail Specification

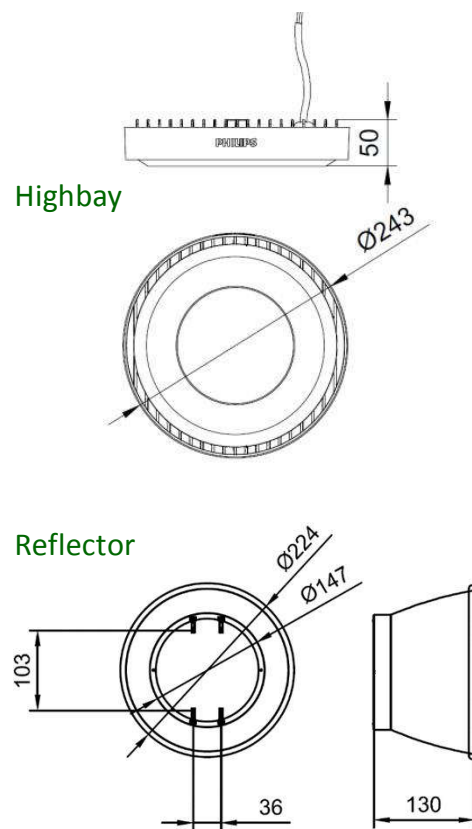
Types	BY239P LED60	BY239P LED100	BY239P LED150	BY239P LED200
Lumen Output (WB)	6000lm	10000lm	15000lm	20000lm
System Power	62W	97W	145W	190W
System efficacy	97lm/W	103lm/W	104lm/W	105lm/W
Lumen Output (MB)	4920lm	8200lm	12300lm	16400lm
System Power	62W	97W	145W	190W
System efficacy	79lm/W	85lm/W	85lm/W	86lm/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 (100°) ; MB with reflector (80°) *			
Input Voltage	220-240V, 50/60 Hz			
Power factor	> 0.90			
THD	<10%			
Mounting / Installation	Suspension (hook included in the box)			
Housing	Aluminum die-casting			
Dimensions	Φ243mm/H50mm		Φ344mm/H60mm	
Weight	1.4kgs		3.1kgs	
Reflector	BY238P RL-S		BY238P RL-L	
Certificate	CB/EMC/CE/SAA/LM79			

Product Dimension

LED150 & LED200



LED60 & LED100



Product Image



Order Information

12NC	Description	Specification
911401564451	BY239P LED60/CW PSU	62W, 6000lm, 6500K, fixed output, wide beam
911401564551	BY239P LED60/NW PSU	62W, 6000lm, 4000K, fixed output, wide beam
911401564651	BY239P LED100/CW PSU	97W, 10000lm, 6500K, fixed output, wide beam
911401564751	BY239P LED100/NW PSU	97W, 10000lm, 4000K, fixed output, wide beam
911401564851	BY239P LED150/CW PSU	145W, 15000lm, 6500K, fixed output, wide beam
911401564951	BY239P LED150/NW PSU	145W, 15000lm, 4000K, fixed output, wide beam
911401565051	BY239P LED200/CW PSU	190W, 19500lm, 6500K, fixed output, wide beam
911401565151	BY239P LED200/NW PSU	190W, 19500lm, 4000K, fixed output, wide beam
911401565351	BY239P LED200/NW PSU CAU*	190W, 19500lm, 4000K, fixed output, wide beam; 3m flex+plug
911401565251	BY239P LED200/CW PSU CAU*	190W, 19500lm, 4000K, fixed output, wide beam; 3m flex+plug
911401568651	BY238Z R-AL L	Reflector used for LED200/LED150
911401580051	BY238Z R-AL S	Reflector used for LED100/LED60
911401561721	BY218Z Hook	Included in the luminaire package, no need to order separately
911401822497	BY218Z Pendant EN	For pipe installation, need to order separately

* _CAU: versions for Australia & New Zealand

Signify