

SmartBright Highbay G2 – BY228P



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.

Benefits

- Energy saving up to 64%
- Comfort lighting experience
- Safe & Reliable
- Installation flexibility
- Application flexibility

Features

- System efficacy of 90 lumens per watt
- High quality optical plate ensure good uniformity
- 30,000hrs lifetime @Ta35°C in compliance with CB and EMC norms
- Suitable for pole and hook mounting
- Optic choices of Wide beam and Narrow beam

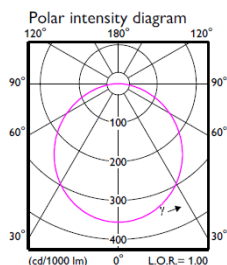
Applications

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

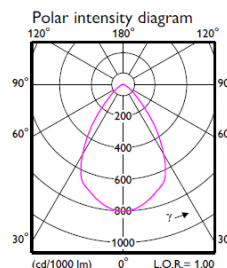


Specification

| Types | BY228P LED180 | BY228P LED90 | BY228P LED50 |
|-------------------------|------------------------------------------------------------|-----------------------------|----------------------------|
| Lumen Output | 18000lm | 9000lm | 5400lm |
| System Power | 200W | 100W | 60W |
| System efficacy | 90lm/W | 90lm/W | 90lm/W |
| CCT | CW (6500K)/ NW (4000K) | | |
| CRI | > 80 | | |
| Color consistency | < 5 SDCM | | |
| IP rating | IP20 | | |
| Classification | Class I | | |
| Operation Temperature | -20°C to +40°C (Ta35°C) | | |
| Lifetime (hrs) | 30,000 hrs (L70) @Ta35°C | | |
| Optics | Wide Beam (110°) Narrow Beam - with reflector (64°~68°) | | |
| Input Voltage | 220-240V, 50/60 Hz | | |
| Power factor | 0.95 | | |
| Mounting / Installation | Pendant (pole/hook) | | |
| Dimensions | Dia : 342mm / Ht : 116mm | Dia : 250mm / Ht : 103mm | Dia : 200mm / Ht : 96mm |
| Weight | 2.8kgs | 1.5kgs | 1.0kgs |
| Certificate | CB/EMC/CE | | |
| Optional accessory | BY228Z RL-L | BY228Z RL-M | BY228Z RL-S |
| | 200W NB reflector | 100W NB reflector | 60W NB reflector |



- Wide Beam
- 2 x 55°
- Symmetric
- Suits for general lighting in public areas and mid to high ceiling heights
- UGR 32




- Narrow Beam
- 2 x (32°~34°)
- Symmetric
- Concentrated light angle, suits for high ceiling installation and low UGR application
- UGR 16~18

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Order Information

| 12NC | Product Description | Lumen | CCT | Power | Driver |
|--------------|-------------------------|-------|-------|-------|--------|
| 911401821797 | BY228P LED180/NW PSU EN | 18000 | 4000K | 200W | Fixed |
| 911401821697 | BY228P LED180/CW PSU EN | 18000 | 6500K | 200W | Fixed |
| 911401821597 | BY228P LED90/NW PSU EN | 9000 | 4000K | 100W | Fixed |
| 911401821997 | BY228P LED90/CW PSU EN | 9000 | 6500K | 100W | Fixed |
| 911401821897 | BY228P LED50/NW PSU EN | 5400 | 4000K | 60W | Fixed |
| 911401821497 | BY228P LED50/CW PSU EN | 5400 | 6500K | 60W | Fixed |

Accessories

| | | |
|--------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| 911401822097 | BY228Z RL-L EN | Reflector for BY228P LED180 |
| 911401822297 | BY228Z RL-M EN | Reflector for BY228P LED90 |
| 911401822197 | BY228Z RL-S EN | Reflector for BY228P LED60 |
| 911401822497 | BY218Z Pendant EN | For pipe installation, need to order separately  |

Included in the luminaire package, no need to order separately

911401561721 BY218Z Hook



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