

Application

This product is ideal to use as spotlighting in all kinds of plant ,workshop, construction site, electric power station, and some other indoor and outdoor site.

Characteristics

- Adopts famous international brand light source with stable performance, gives 20% more light over the other manufacturers.
- Average light source lifetime is 12000 hours. Low maintenance.
- The special device on the bottom of the lamp can allow the air get inside so that to balance the internal and external pressure differential and eliminate the water vapor condensation inside the lamp.
- The shock proof structure can avoid the break of bracket as well as bulb falling off from the lamp when there is intense shock.
- The ballast box is separated from the lamp. With the sizable finned stripe on the housing, it guarantees the ballast box a higher heat dissipation which is expect to prolong the ballast service life.
- The buckle replacing the screws design on the housing, making it more easy to open the ballast box by hand.
- Light weight aluminum alloy with latest spray coating technique. Anti rust, corrosion resistant. Ideal for any extreme condition.
- The binding technique on the edge of the housing are expected to enhance the waterproof, dust proof characteristics.
- We can also supply shock absorber according to customers' requirement. So that to guarantee the lamp safety during the usage on vehicle or other device where there are harsh vibration.

Main specification

| | | |
|---------------------------|----------------------------------|-----------------------|
| Input Voltage | 220VAC 50Hz (110V 60Hz Optional) | |
| Ingress Protection | IP65 | |
| Anti Corrosion Grade | WF2 | |
| Insulation Grade | I | |
| Space Height Ratio | 2.2 | |
| Leading-in cable diameter | φ 8mm - φ 10mm | |
| Dimension | 1000W | Lamp φ 526,615mm |
| | | Ballast 325,215,150mm |
| | 250W 400W | Lamp φ 420,445mm |
| | | Ballast 325,215,150mm |
| Net Weight | 1000W | Lamp 10Kg |
| | | Lamp 17.7Kg |
| | 250W 400W | Lamp 7.2Kg |
| | | Lamp 8Kg |

IP65

-40°C

+50°C



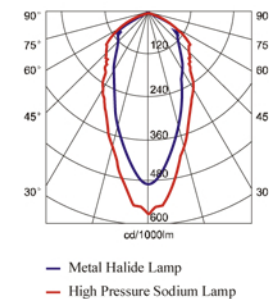
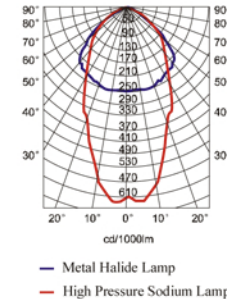
E40



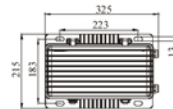
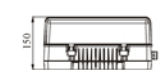
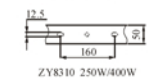
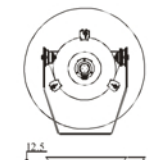
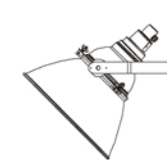
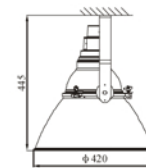
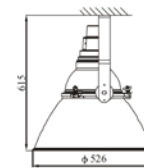
Ordering reference

| Ordering Reference | Light Source | Rated Wattage (W) | Light Output (lm) | Lamp Average Life (h) |
|--------------------|---------------------------|-------------------|-------------------|-----------------------|
| ZY8300-J1000 | Metal Halide Lamp | 1,000 | 105,000 | 12,000 |
| ZY8300-N1000 | High Pressure Sodium Lamp | 1,000 | 140,000 | 28,500 |
| ZY8310-J250 | Metal Halide Lamp | 250 | 25,000 | 12,000 |
| ZY8310-J400 | Metal Halide Lamp | 400 | 36,000 | 12,000 |
| ZY8310-N250 | High Pressure Sodium Lamp | 250 | 27,500 | 28,500 |
| ZY8310-N400 | High Pressure Sodium Lamp | 400 | 50,000 | 28,500 |

Light distribution curve



Drawing of dimension (Dimensions in mm)



Mounting hole drawing