



# ZY8102S Series LED Tunnel light

## LED

IP66

-40 °C

+50 °C



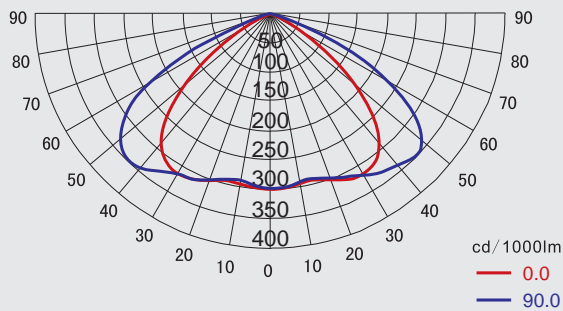
## Application

It is an idea lighting solution for the highway and urban roads tunnel, the factory, station, control room, transformer room etc.

## Characteristics

- Out of consideration of the difficulty of road lighting replacement, the company developed a unique cooling system modules, an effective solution to the problem of LED light failure caused due to high temperature to ensure high efficiency light source with 100,000 hours of life.
- The even light distribution can avoid the shadow area between the two streetlights. It is glare free. And has a pure white light.
- It adopts American CREE LED as light source, can save 60% or more on energy than the metal halide lamp.
- Equipped world top ranking brand, Taiwan Meanwell electrical appliance with power factor 0.98, make the lamp's performance more stable and efficient.
- Specially designed light lid, easy maintenance
- The shell adopts high-tech surface spraying technology, abrasion resistance and resistance to corrosion, waterproof, dustproof, applicable to all kinds of environments
- Mounting: bracket

## Light distribution curve



## Main specification

|                           |             |
|---------------------------|-------------|
| Input Voltage             | 90-305VAC   |
| Frequency                 | 50Hz / 60Hz |
| Ingress Protection        | IP66        |
| Anti Corrosion Grade      | WF2         |
| Leading-in cable diameter | 6mm~ 8mm    |

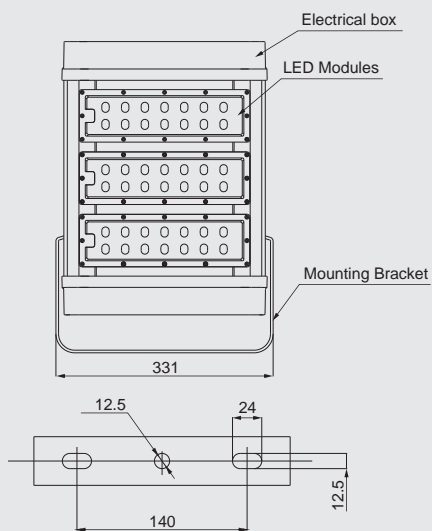
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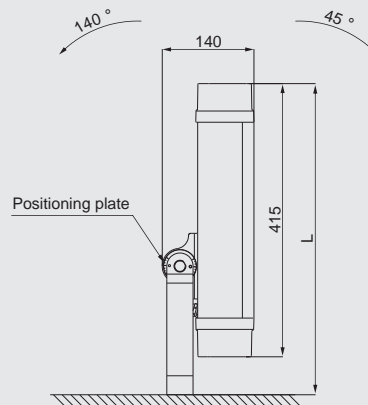
## Ordering reference

| Ordering Reference | Light Source | Rated wattage (W) | Light output (lm) | Dimension (mm)     | Net Weight (Kg) | Average Service Life (h) |
|--------------------|--------------|-------------------|-------------------|--------------------|-----------------|--------------------------|
| ZY8102S-L60        | LED          | 60                | 8,194             | 322(L) × 363 × 150 | 5.2             | 100,000                  |
| ZY8102S-L80        | LED          | 80                | 9,737             | 322(L) × 363 × 150 | 5.2             | 100,000                  |
| ZY8102S-L100       | LED          | 100               | 10,785            | 322(L) × 363 × 150 | 5.2             | 100,000                  |
| ZY8102S-L120       | LED          | 120               | 14,605            | 417(L) × 363 × 150 | 6.2             | 100,000                  |
| ZY8102S-L150       | LED          | 150               | 16,178            | 417(L) × 363 × 150 | 6.2             | 100,000                  |
| ZY8102S-L180       | LED          | 180               | 20,193            | 512(L) × 363 × 150 | 7.2             | 100,000                  |
| ZY8102S-L200       | LED          | 200               | 21,571            | 512(L) × 363 × 150 | 7.2             | 100,000                  |

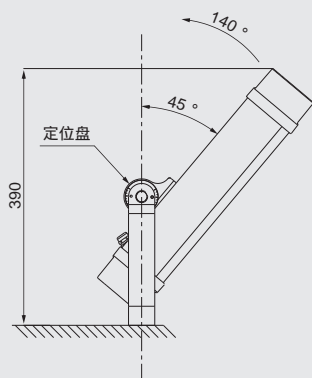
## Drawing of dimension (Dimensions in mm)



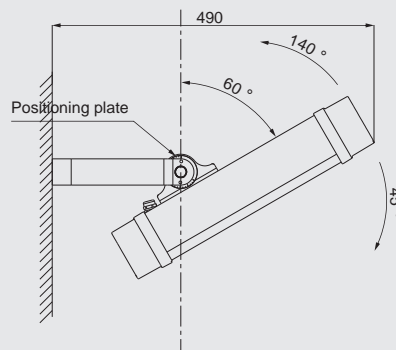
Mounting Holes



Seat-mounted



Seat-mounted



Sidewall-mounted



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