

HALO



Features:

The Single Arm and Double Arm Post Top LED Lights are crafted to combine durability, efficiency, and modern aesthetics for urban outdoor lighting. Built with a full die-cast aluminum housing, they deliver high performance with an efficiency of up to 190 lm/W, while the anti-corrosion finish ensures long-lasting reliability even in challenging environments. The design features smooth curvature that not only enhances the appearance of cityscapes but also prevents the accumulation of dust and leaves, keeping the fixture clean and maintaining consistent performance. This streamlined shape also supports excellent heat dissipation, extending the life of the luminaire.

To suit diverse requirements, the lights can be mounted with either a single arm or a double arm, making them adaptable to various urban layouts. With multiple optical lens options providing asymmetrical light distributions, they offer professional and precise illumination, available in Type II, III, or V distributions.

Low glare and flicker-free lighting ensure visual comfort and eye protection, making these post top lights a perfect blend of functionality, style, and performance for streets, parks, and public spaces.

Technical Specifications:

Input Voltage : 220- 240 V AC, 50 Hz.

Wattage : 20 - 150W

High Lumen : 190lm/W

3 STEP Mac Adam

High efficiency, low flicker driver

Surge Protection : 10KV/20KV

LED Type : 3030 / 5050 LumiLEDs

Operating Temperature: -40°C to 50°C

Glow Wire Test 850° C

Warranty : 5 Years

Life Time: 100,000hrs at ta 25°C

(L70/B10)

Fields of Application:

Local Roads

Express Roads

Town Roads

Pedestrians Crossing

Parking Areas

Installation Method

Pole Mounted

| | | | | | | | | |
|------------|---|----------------|----------------|-------|-------|-----|-----|-----|
| Wattage(W) | : | 20 | 30 | 50 | 80 | 100 | 120 | 150 |
| Finish | : | Grey (G) | Customized (C) | | | | | |
| Kelvin* | : | 3000K | 4000K | 5000K | 5700K | | | |
| Optics | : | Type II | Type III | | | | | |
| CRI | : | 70+ | 80+ | | | | | |
| Driver | : | ON/OFF | 0/1-10V | DALI | | | | |
| Type | : | A (Single Arm) | B (Double Arm) | | | | | |

*Special Color & Finish on request

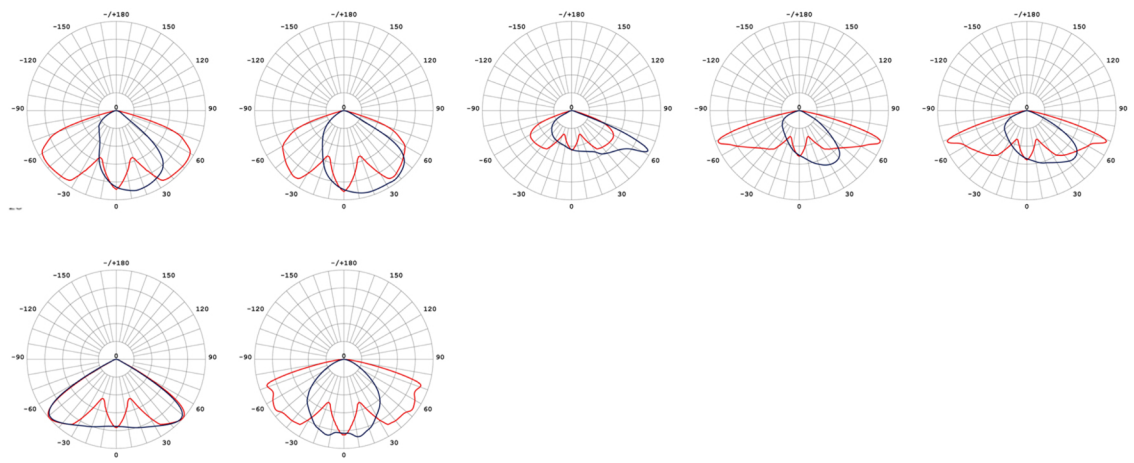
Product Code (553480150):

| Wattage | Lumens(lm) | Dimension (øxH)mm |
|---------|------------|-------------------|
| 20 | 3,800LM | 480x504 |
| 30 | 5,700LM | 480x504 |
| 50 | 9,500LM | 480x504 |
| 80 | 15,200LM | 480x504 |
| 100 | 19,000LM | 480x504 |
| 120 | 22,800LM | 480x504 |
| 150 | 28,500LM | 480x504 |

*Luminous flux value is calculated for 4000K CRI>80

Pluxb luminaires are developed with globally recognized and tested components suppliers, however as per international standards tolerance in initial flux and connected load is at ±5%. Unless stated otherwise, the values apply to an ambient temperature of 25°C

Photometric:



Standards

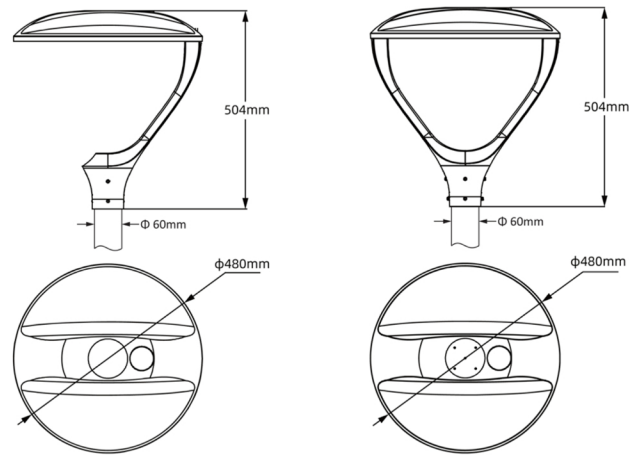
EN 60598-1

EN 60598-2-2

EN 60598-2-22

EN 60598-3-2

Dimensions :



Accessories :



Photocell



Short Cap



NEMA Socket
(3 / 5 / 7pin)



Motion Sensor



Smart Controller



ZHAGA Socket



"80-60mm"



"60-40mm"



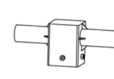
Square to round



"T" Type



"L" Type



"2" in "1"



"4" in "1"

Order Code Ex: **553480150 30K Z 1 G A**

| CCT | CRI | Driver | Finish | Type |
|-------------|-------|-------------|--------------|----------------|
| 30K - 3000K | 7->70 | 1 - ON/OFF | G-Grey | A (Single Arm) |
| 40K - 4000K | 8->80 | 2 - 0/1-10V | C-Customized | B (Double Arm) |
| 50K - 5000K | | 3 - DALI | | |
| 57K - 5700K | | | | |

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