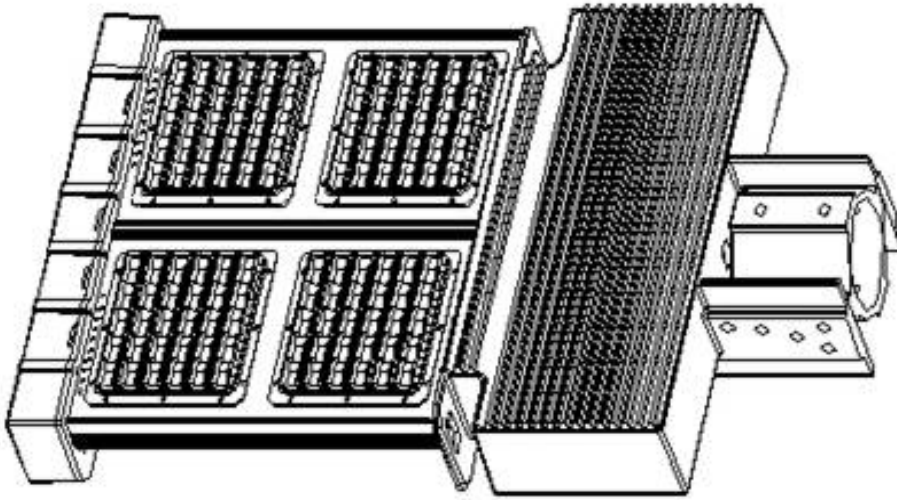


LED Street Light (Complete) – Mechanical View



8w/60cm; 9W/90cm; 15W/120cm and 20W/150cm, with CE & RoHS, UL Pending

LED Street Light Specification

Size: Length 629mm. width: 305mm, height: 92mm

Weight: 9KG (About 9KG)

Vertical angle (angle between the poles and lights) 4 angles:0 degrees, 5 degrees, 10 degrees, 15 degrees

Horizontal angle (that is, both sides point of view) 0-10 degrees

Four modules, each module for 30W

Available in 30W, 60W, 120W and 180W versions and brightness's

Light source color temperature: 5800K-6800K

Light effect: 80LM / W

Life span:> 40,000 hours

Color-rendering index:> 70

Packaging: for anti-static foam, K = K for the outer carton

Power: AC85-264V 50HZ/60HZ

Power Factor:> 98%

Costing Breakdown on Power Usage / Saving

New LED lighting angle adjusting, modular structure.

(Size: Length 629mm. width: 305mm, height: 92mm,8.8Kg,30W/Module)

The range offers a selection of LED mast head lamp units designed to replace existing sodium and metal halide street lamps, switching to LED street lights offers up to 80% savings on power consumption and ensures a complete return on investment in less than 17 months with colossal savings over the 10 year life of the product. Resultant reductions in harmful Co₂ and So₂ emissions are proportional. Comparison between a conventional 400W sodium HP lamp and an equivalent GSZM168W high power LED lamp based on 12 hours usage per 24 hour period shows a saving of 12.25kWh (Sodium HP power daily consumption = 14.83kWh, GSZM 168W high power LED daily consumption = 2.58kWh) Conventional sodium HP or metal halide lamps have a life span of around one year requiring at least annual replacement and maintenance. Our high power LED lights require no regular maintenance further increasing savings on replacement bulbs, access equipment and labor costs. New installations benefit from a substantial reduction in the cost of expensive heavy duty cable required for sodium lighting. At current European average power costs this saving amounts to around 550 Euros per lamp, per year. A saving of 55,000 Euros per year per 100 lights in operation.

The exceptional photometric properties of Our high power LED street lights, in addition to offering a bright, natural light color, provide a uniform rectangular beam pattern (40x16 meters at 12 meter height) that is 50% brighter and 50% larger than the oval beam pattern produced by a conventional lamp. This highly focused beam pattern allows LED lights to be spaced at much wider intervals than sodium lights increasing still further the savings achievable in initial investment requirement and operating costs