

# COBRA HEAD<sup>182</sup>



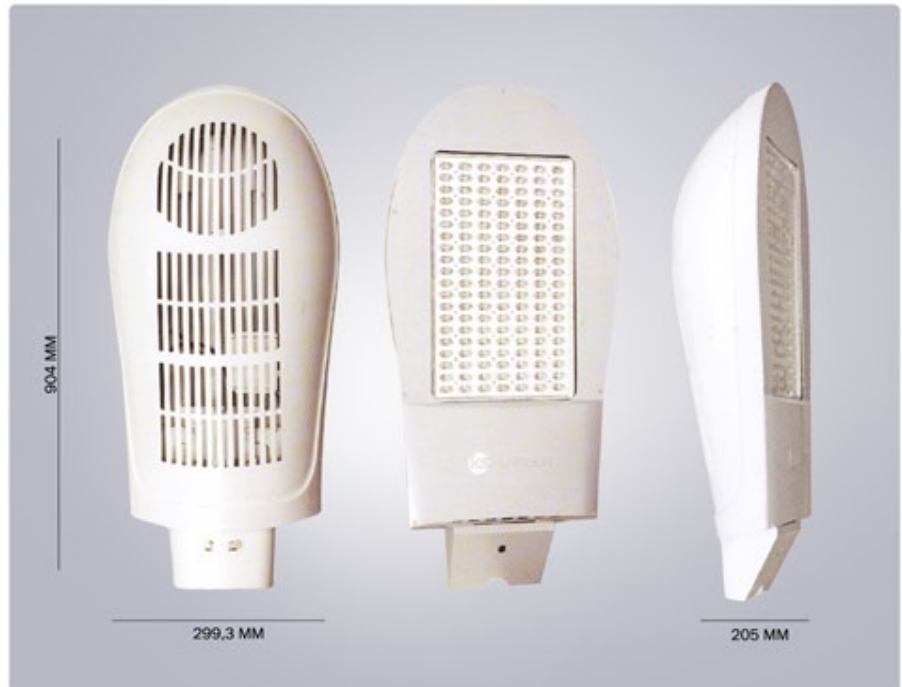
LIGHT HAS NEVER BEEN THIS POWERFUL

## QUALITY

## PERFORMANCE

## RELIABILITY

- High Quality LED Chips from CREE
- Energy Saving, Environmentally Friendly, Long Lifespan
- Made of Aluminium Alloy, Excellent Heat Conductivity
- Applied with Patented Quadric Optics Non-Imaging Lens, Luminaire Efficiency Over 90%
- Powered at AC Board Voltage Input With Constant Current Drive
- The Lamps Has Been Designed a passive ventilation system to Ensure the Dust Resistance, Water Resistance and Self Cleaning Ability
- Aesthetic Style



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## OUR SUPERIOR HIGH-POWER TECHNOLOGY



## TYPICALS APPLICATIONS

- > Express Way
- > Branch Road, Urban Road
- > Major Road, Local Road

<b>Output Voltage</b>	<b>DC53V</b>
<b>Input Voltage</b>	<b>AC 170 - 250 V 50 - 60 Hz</b>
<b>Power Factor</b>	<b>&gt; 0.95</b>
<b>Total Harmonic Distortion</b>	<b>&lt; 15%</b>
<b>Power Efficiency</b>	<b>94 %</b>
<b>LED Consumption</b>	<b>182 W</b>
<b>System Consumption</b>	<b>193 W</b>
<b>Luminaire Efficiency</b>	<b>&gt;90Lm/W</b>
<b>LED Initial Flux</b>	<b>18 270 Lm</b>
<b>LED luminous efficiency</b>	<b>&gt; 90%</b>
<b>Color Temperature</b>	<b>5000K - 5500 K</b>
<b>Color Rendering Index (CRI)</b>	<b>Ra &gt; 75</b>
<b>Light Distribution Curve</b>	<b>Asymmetric ( Bat Wing ) Rectangular Beam</b>
<b>Junction Temperature (Tj)</b>	<b>&lt; 75°C</b>
<b>Operating Environment</b>	<b>temps. -40°C to 50°C humidity 10% - 95%</b>
<b>IP Rating</b>	<b>IP66</b>
<b>Life Time</b>	<b>100 000 hours at TA = 30°C at more than 70% initial flux</b>
<b>Material</b>	<b>Aluminium Alloy</b>
<b>Average Illumination</b>	<b>6 meters / &gt; 71 Lux 8 meters / &gt; 40 Lux 10 meters / &gt; 35.5 Lux 12 meter / &gt; 17.5 Lux</b>
<b>Effective Illuminated Area</b>	<b>6 meters / 7 x 21m<sup>2</sup> 8 meters / 9.6 x 28m<sup>2</sup> 10 meters / 12 x 35m<sup>2</sup> 12 meter / 14.4 x 42m<sup>2</sup></b>
<b>Installation</b>	<b>Connect to a Ø 60mm arm branch</b>
<b>Net Weight</b>	<b>18 Kg</b>