

LTI KA196T4



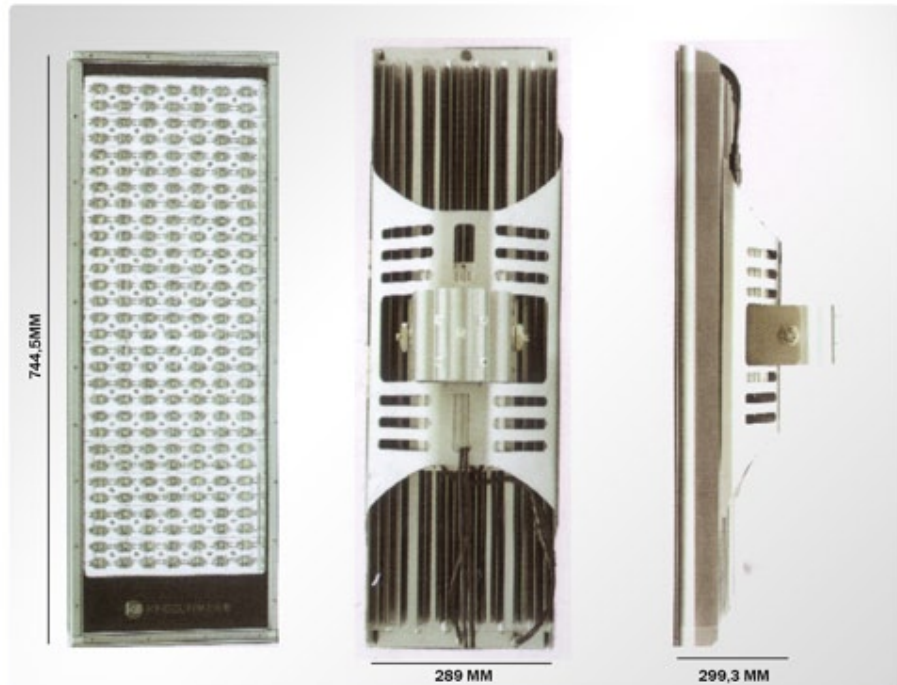
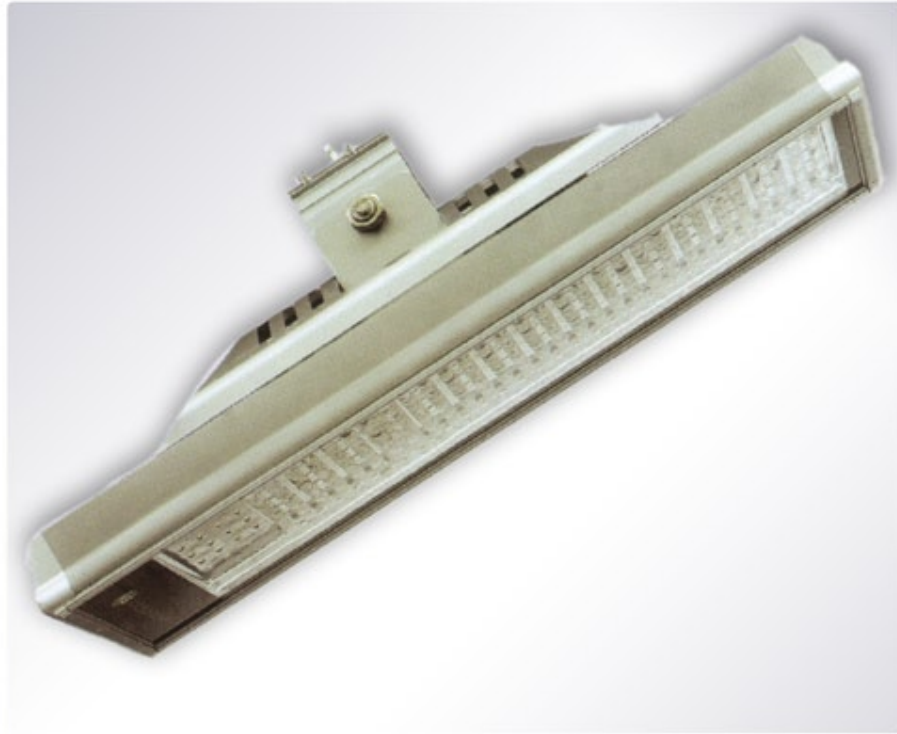
LIGHT HAS NEVER BEEN THIS POWERFUL

QUALITY

PERFORMANCE

FIABILITY

- 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



High efficient reflector



Patented LED lens which create the better uniformity



LED from CREE

Reflow soldering procedure direct on PCB

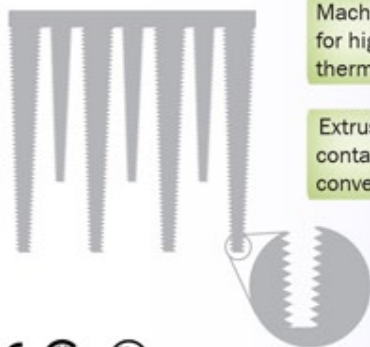
0,002 po printed circuit board for optimized thermal transfer

PCB laminated on 0,06 po aluminium sheet

High efficient thermal grease

Machined surface by CNC for high efficient mechanical thermal contact

Extrusion with high surface contact for optimal thermal convection



TYPICALS APPLICATIONS

- > Main Carrigeway
- > Express Way
- > High Way

Output Voltage	DC53V
Input Voltage	AC 85 - 277 V 50 - 60 Hz
Power Factor	> 0.95
Total Harmonic Distortion	< 15%
Power Efficiency	94 %
LED Consumption	196 W
System Consumption	209 W
Luminaire Efficiency	>90Lm/W
LED Initial Flux	19 710 Lm
LED luminous efficiency	> 90%
Color Temperature	5000K - 5500 K
Color Rendering Index (CRI)	Ra > 75
Light Distribution Curve	Asymmetric (Bat Wing) Rectangular Beam
Junction Temperature (Tj)	< 75°C
Operating Environment	temps. -40°C to 40°C humidity 10% - 95%
IP Rating	IP66
Life Time	100 000 hours at TA = 30°C at more than 70% initial flux
Material	Aluminium Alloy
Average Illumination	6 meters / > 84.5 Lux 8 meters / > 47.4 Lux 10 meters / > 30.5 Lux 12 meter / > 21.1 Lux
Effective Illuminated Area	6 meters / 9 x 34.2m ² 8 meters / 12 x 45.6m ² 10 meters / 15 x 57m ² 12 meter / 18 x 68.4m ²
Installation	Connect to a Ø 60mm arm branch
Net Weight	16.9 Kg