

LTI KP112T4



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

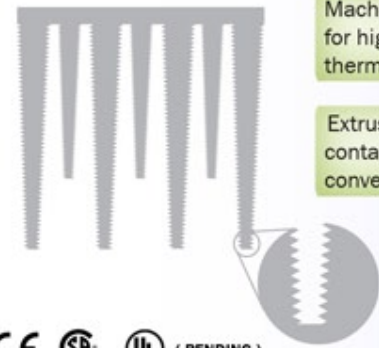
0,002 po printed circuit board for optimized thermal transfer

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

> Indoor Lighting

Input Voltage	AC 85-277 V 50 - 60 Hz
Power Factor	> 0.95
Total Harmonic Distortion	< 15%
Power Efficiency	94%
LED Consumption	112 W
System Consumption	119 W
Luminaire Efficiency	>90lm/W
LED Initial Flux	11 250 Lm
LED luminous efficiency	> 95%
Color Temperature	Warm White: 3000 - 4000K Pure White: 4000 - 6300K Cool White: Above 6300K
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	IP65
Life Time	100 000 hours at TA = 30°C at more than 70% initial flux
Material	Aluminium Alloy
Average Illumination	6 meters / > 37 Lux 8 meters / > 21Lux 10 meters / > 13 Lux
Effective Illuminated Area	6 meters / 126 m ² 8 meters / 224 m ² 10 meters / 350 m ²
Net Weight	9 Kg