

# UNIQUE LIGHTS

KS-A210T4 Street

## Features

- Top light source-LED from CREE
- Patented Packaging technology
- Energy saving, environmentally friendly, long lifespan
- Radiator made of Aluminium alloy which has the best heat conductivity
- Applied with patented quetric optics non-imaging lens, luminaire efficiency over 90%
- Powered at AC board voltage input with constant current drive
- The lamp has been designed a respiratory system to ensure the dust resistance, water resistance and self cleaning ability
- Aesthetic style
- National-wide various invention patents

## Application

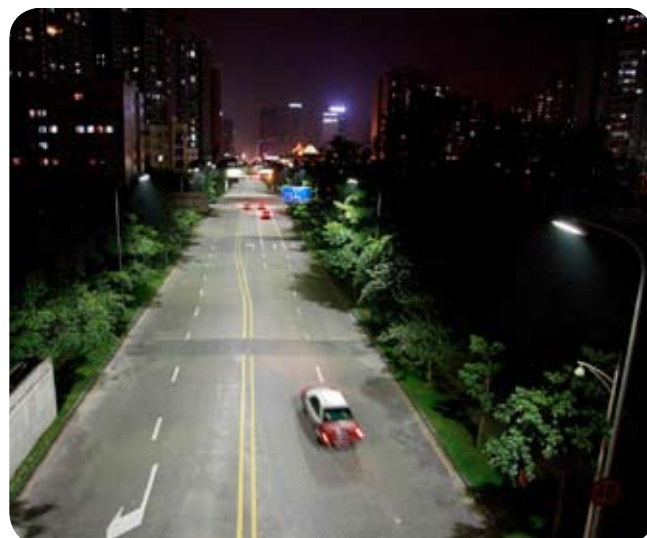
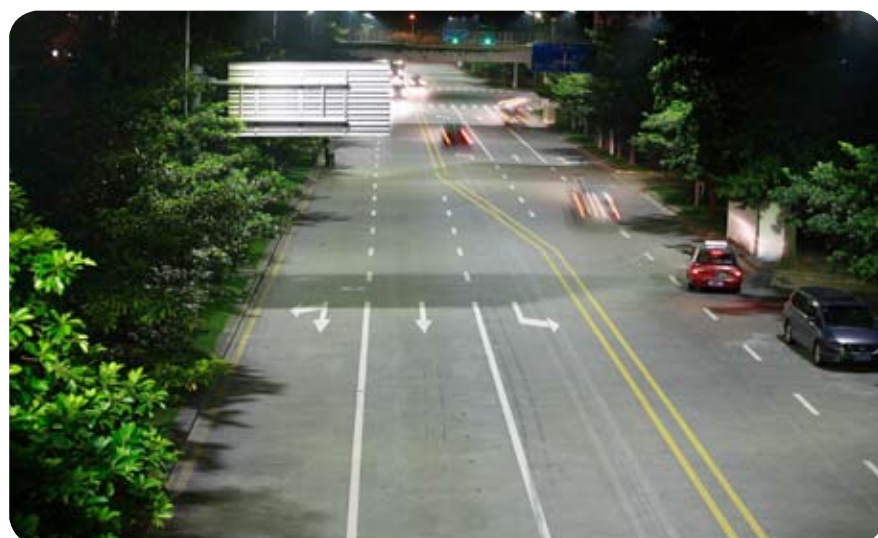
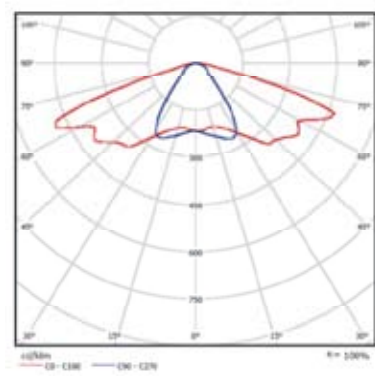
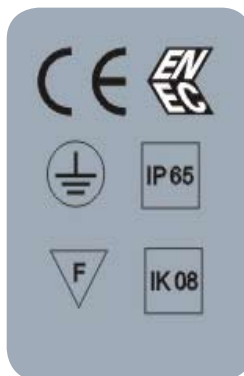
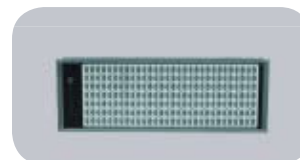
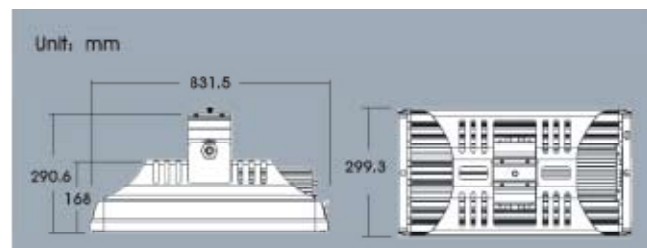
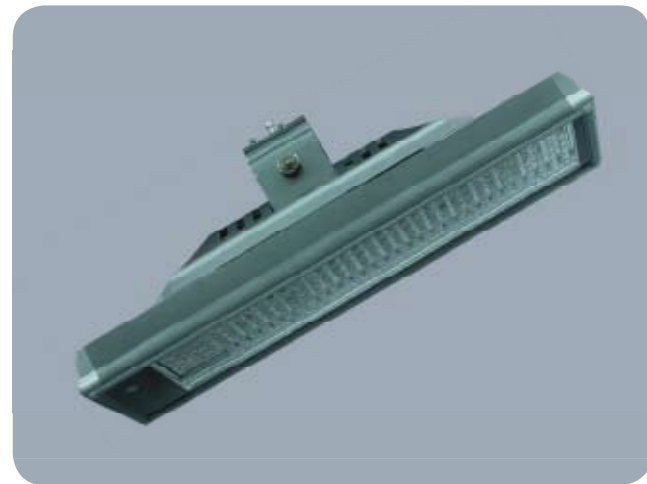
- Express Way
- Branch road, Urban road, District road

## Power supply

- Input voltage AC 170~250V, 50~60Hz
- Output voltage DC 53V

## Installation

- Connect to  $\varnothing 60$ mm arm branch



### Product description

Item No.	Weight	Packing size	12 NC
KS-A182T4	16.8 Kg	83 L * 37.5 W * 34 H (CM)	810026105678
KS-A196T4	16.8 Kg	83 L * 37.5 W * 34 H (CM)	810026115678
KS-A210T4	17.5 Kg	92 L * 37.5 W * 34 H (CM)	810026125678

### Technical data

	KS-A182T4	KS-A196T4	KS-A210T4
Input Voltage	AC 170~250 V	AC 170~250 V	AC 170~250 V
Frequency Range	50~60 Hz	50~60 Hz	50~60 Hz
Power Factor (PF)	>0.95	>0.95	>0.95
Total Harmonic Distortion	<15%	<15%	<15%
Power Efficiency	88%	88%	88%
Working Voltage	DC 53 V	DC 53 V	DC 53 V
LED Consumption	203 W	219 W	235 W
System Consumption	228 W	245 W	267 W
LED Luminous Efficiency	>90 Lm /W	>90 Lm /W	>90 Lm /W
LED Initial Flux	18270 Lm	19710 Lm	24030 Lm
Lamp's Efficiency (%)	>90%	>90%	>90%
Average Illumination	6M height	>71 Lux	>76.5 Lux
	8M height	>40 Lux	>43 Lux
	10M height	>25.5 Lux	>27.5 Lux
	12M height	>17.5 Lux	>19 Lux
Effective Illuminated Area	6M height	7x21 M <sup>2</sup>	7x21 M <sup>2</sup>
	8M height	9.6x28 M <sup>2</sup>	9.6x28 M <sup>2</sup>
	10M height	12x35 M <sup>2</sup>	12x35 M <sup>2</sup>
	12M height	14.4x42 M <sup>2</sup>	14.4x42 M <sup>2</sup>
Color Temperature	5000K ~ 5500K	5000K ~ 5500K	5000K ~ 5500K
Color Rendering Index (CRI)	Ra>75	Ra>75	Ra>75
Light Distribution Curve / Beam Pattern	Asymmetric (Bat Wing) / Rectangular Beam		
Junction Temperature (Tj)	<75 °C	<75 °C	<75 °C
Working Environment	Temp. 40°C~50°C	Temp. 40°C~50°C	Temp. 40°C~50°C
	Humidity 10%~95%	Humidity 10%~95%	Humidity 10%~95%
IP Rating	IP66	IP66	IP66
Working Life	>50.000 hrs	>50.000 hrs	>50.000 hrs
Light Body & Lampshade Material	Aluminium Alloy	Aluminium Alloy	Aluminium Alloy