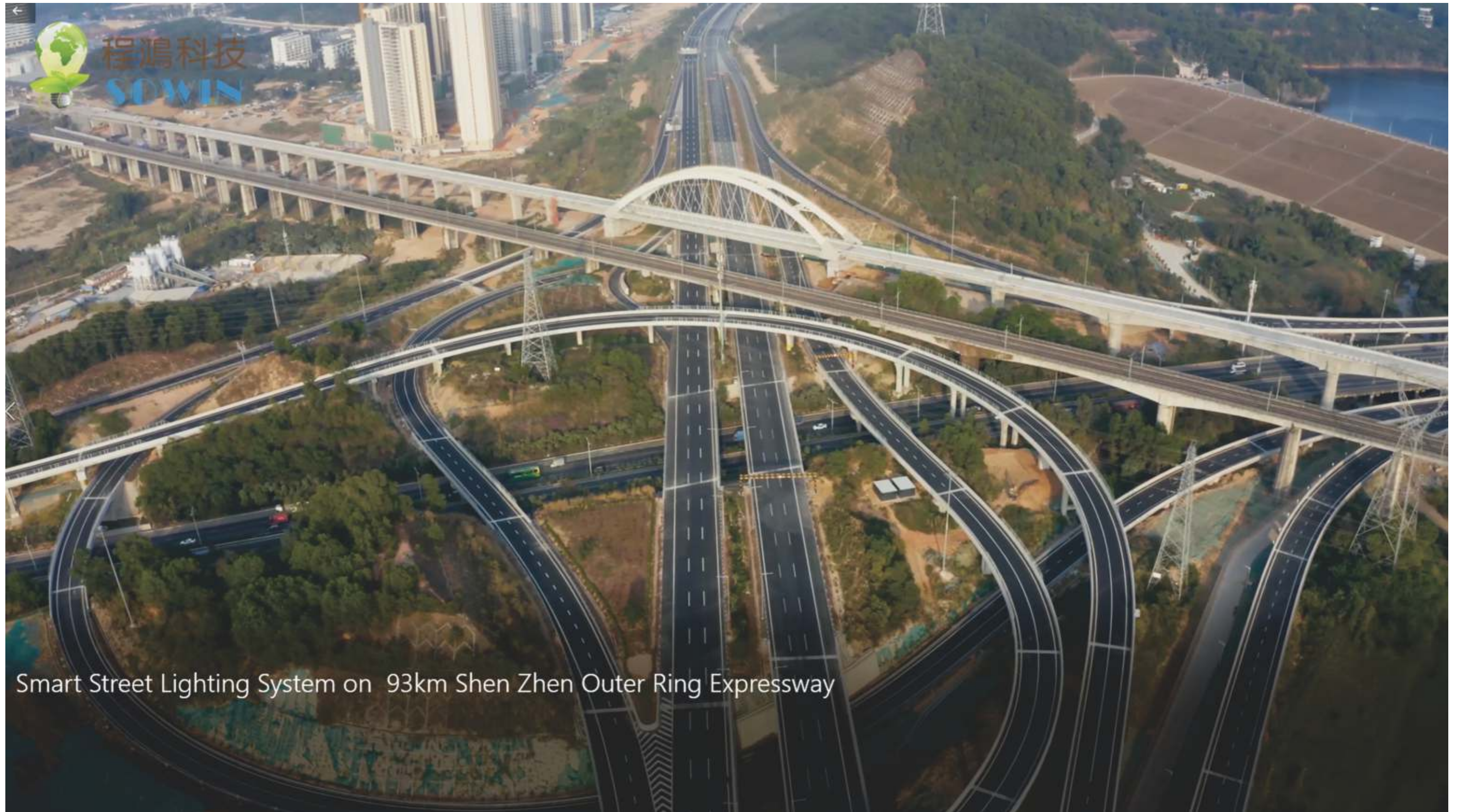
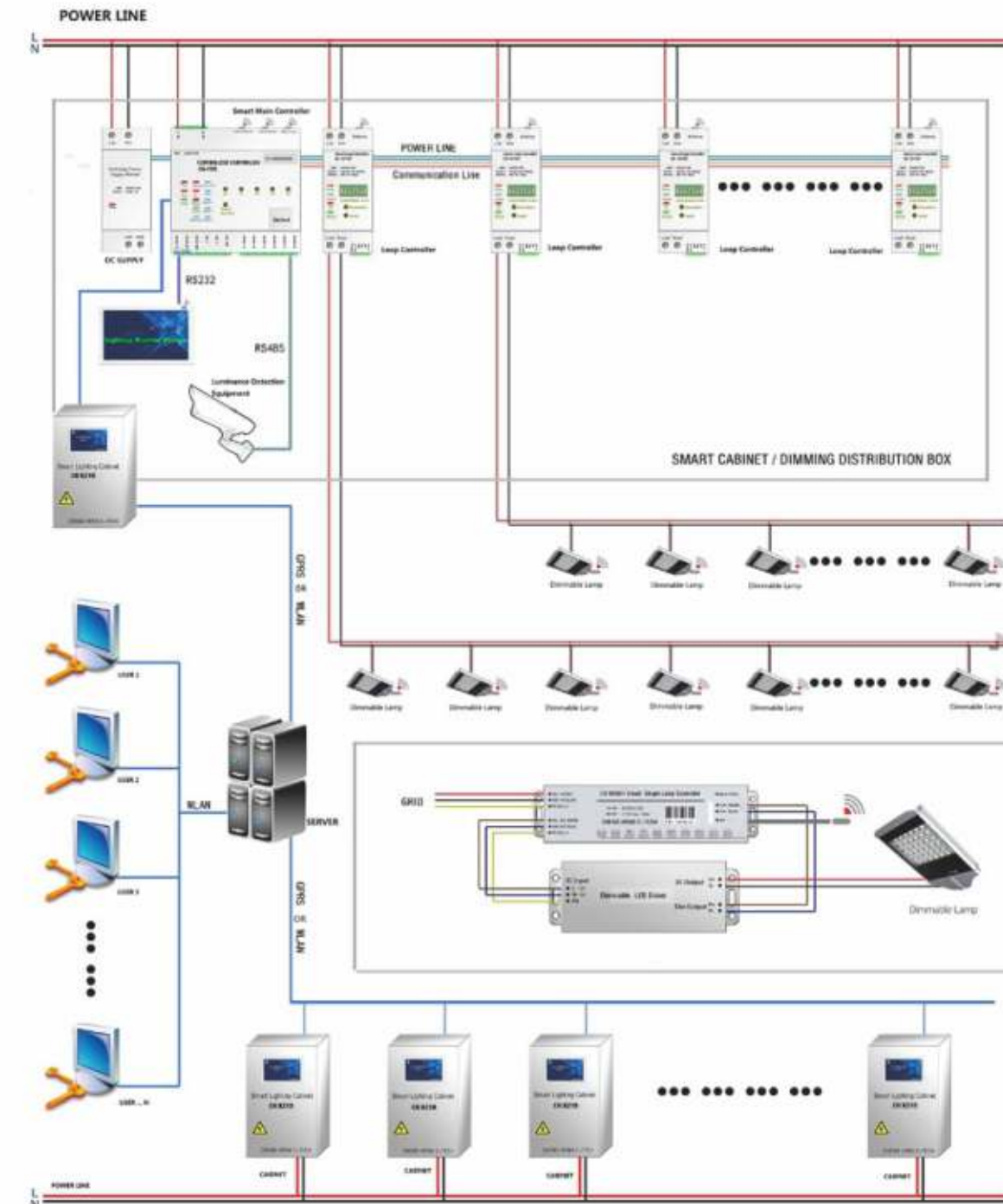


MODERN LED STREET LIGHTING



Intelligent Street Lighting Cabinet

Smart Street Lighting System



LED STREET LIGHT

Smart Street Lighting Features



Wide Product Series to meet any Budgets				
	STDUCCT100	STDUCCT200	STDUCCT300	STDUCCT500
Photos				
Wattage	100/120/150/180W	100/120/150/180W	100/120/150/180W	100/120/150/180W
Lumen Efficiency	160/180/200 lm/W	160/180/200 lm/W	160/180/200 lm/W	160/180/200 lm/W
Features	1. Auto Dimming 2. IoT Lighting 3. Sensor Dimming	1. Auto Dimming 2. IoT Lighting 3. Sensor Dimming	1. Auto Dimming 2. IoT Lighting 3. Sensor Dimming	1. Auto Dimming 2. IoT Lighting 3. Sensor Dimming
Auto Change 2700K~5000K by Weather Sensor	Foggy Snowing 2700K Normal Weather 4500k	Foggy Snowing 2700K Normal Weather 4500k	Foggy Snowing 2700K Normal Weather 4500k	Foggy Snowing 2700K Normal Weather 4500k

IoT Lighting Control System



Local Control

- Control & Manage by Buttons
- Control by connected Touch Screen



Status Collect

- Module Status Collect
- Terminal Device Status Collect



Remote On/Off Dimming

- Remote Server,Work Station
- Remote Sensor



Electrical Parameter Collect

- Energy Meter Data
- Terminal Device



Automatic-Control

- Sunset, Sunset
- Schedule



Electric Energy Reading

- Power Consumption Collect



Real Time Clock

- Provide accurate time
- Remote Automatic Timing



Faulty Report

- Device itself fail
- Terminal faulty collect & report



LED Display

- Indicate Device and Modular Status
- Indicate the communication Situation




Uplink Channel

- 4G, Ethernet, Industry Bus Ports



Device Management

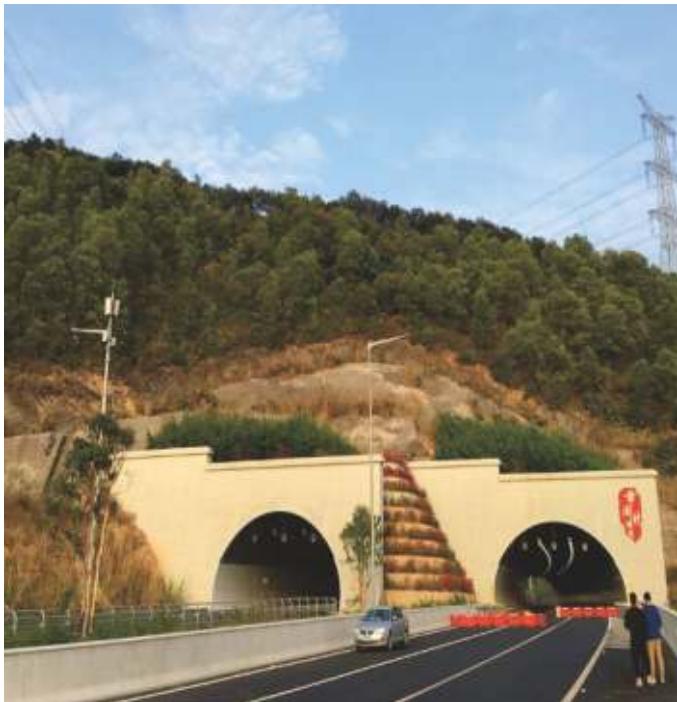
- Terminal Device Add/Delete/Query
- Terminal Device online Monitor



Output Signal

- Optional Bus,HPL,PL,LoRa, Digital, Analog, PWM downlink

LED TUNNEL LIGHT/FLOOD LIGHT



Widely used in Tunnel Lighting, City Project Lighting, Landscape Lighting, Building Lighting and Advertisement Board Lighting, etc.

LED TUNNEL LIGHT/FLOOD LIGHT



CH HBF300W 90° Light Distribution Curve

CH HBF300W 90° illumination Curve

Model No.	Power	Input Voltage	Color Temperature	IP Rating	Driver	LED Chip	Smart Lighting Control & Management System	
CH HBF40W	40W	90 ~ 305Vac	2700K ~ 6000K	IP66	Mean Well	CREE/OSRAM	PLC Remote	
CH HBF80W	80W	90 ~ 305Vac	2700K ~ 6000K	IP66	Mean Well	CREE/OSRAM		On
CH HBF100W	100W	90 ~ 305Vac	2700K ~ 6000K	IP66	Mean Well	CREE/OSRAM		Off
CH HBF120W	120W	90 ~ 305Vac	2700K ~ 6000K	IP66	Mean Well	CREE/OSRAM		Dimming
CH HBF150W	150W	90 ~ 305Vac	2700K ~ 6000K	IP66	Mean Well	CREE/OSRAM		Monitor
CH HBF200W	200W	90 ~ 305Vac	2700K ~ 6000K	IP66	Mean Well	CREE/OSRAM		Google Map
CH HBF250W	250W	90 ~ 305Vac	2700K ~ 6000K	IP66	Mean Well	CREE/OSRAM		
CH HBF300W	300W	90 ~ 305Vac	2700K ~ 6000K	IP66	Mean Well	CREE/OSRAM		

LED TUNNEL LIGHT/FLOOD LIGHT



Widely used in Tunnel Lighting, City Project Lighting, Landscape Lighting, Building Lighting and Advertisement Board Lighting, etc.

LED TUNNEL LIGHT/FLOOD LIGHT



Model No.	Power	Input Voltage	Color Temperature	IP Rating	Driver	LED Chip	Smart Lighting Control & Management System	
CH HB2A30W	30W	90 ~ 305Vac	2700K ~ 6000K	IP67	Mean Well	CREE/OSRAM	PLC Remote	
CH HB2A60W	60W	90 ~ 305Vac	2700K ~ 6000K	IP67	Mean Well	CREE/OSRAM		On
CH HB2A90W	90W	90 ~ 305Vac	2700K ~ 6000K	IP67	Mean Well	CREE/OSRAM		Off
CH HB2A120W	120W	90 ~ 305Vac	2700K ~ 6000K	IP67	Mean Well	CREE/OSRAM		Dimming
CH HB2A150W	150W	90 ~ 305Vac	2700K ~ 6000K	IP67	Mean Well	CREE/OSRAM		Monitor
CH HB2A180W	180W	90 ~ 305Vac	2700K ~ 6000K	IP67	Mean Well	CREE/OSRAM		Google Map
CH HB2A250W	250W	90 ~ 305Vac	2700K ~ 6000K	IP67	Mean Well	CREE/OSRAM		
CH HB2A300W	300W	90 ~ 305Vac	2700K ~ 6000K	IP67	Mean Well	CREE/OSRAM		

LED STREET LIGHT



Integrated design of driver box and arm

PRODUCT FEATURES



The integrated design of driver box and arm can save the space and reduce the wind resistance to the best.

Two specifications of the light pole' s back cover, the lamps can be used more widely.



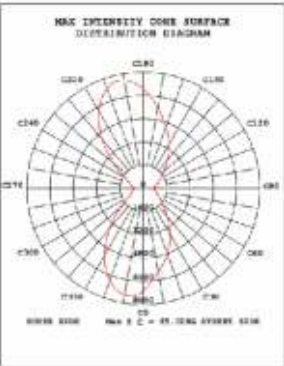
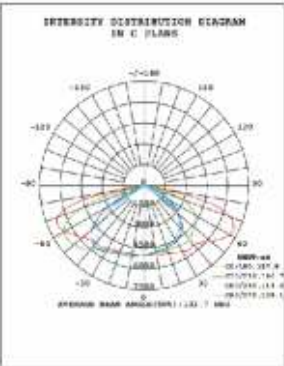
Protection grade reaches IP67



Anti-Level-17 hurricane

CH ST4A120W Light Distribution Curve

CH ST4A120W illumination Curve



LED STREET LIGHT

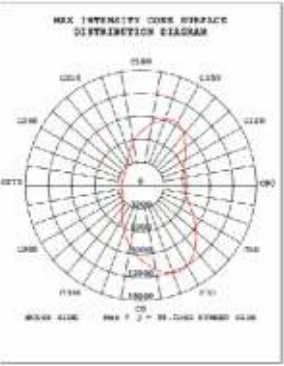
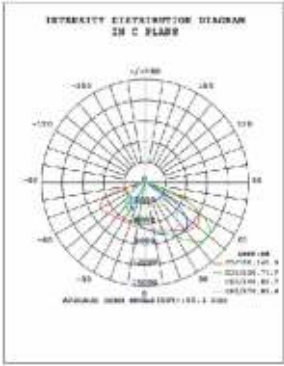
PRODUCT FEATURES



- * Connected Lighting
- * 2700K-6000K CCT Auto Changing
- * 160-180 lm/W Efficiency
- * 85% Energy Saving
- * Attenuation Compensation
- * Schedule Dimming 0-10KV
- * Motion / Ambient Sensor Detection
- * 10-20KV SPD Built-in
- * Pilot Project Operating
- * 94.7% Lumen maintenance at 5th year
- * 5-8 Years Warranty

CH ST4C120W Light distribution curve

CH ST4C120W illumination Curve



Model No.	Power	Input Voltage	Color Temperature	IP Rating	Driver	LED Chip	Smart Lighting Control & Management System	
CH ST4A30W	30W	100 ~ 240Vac	2700K ~ 6000K	IP66	CH Driver	OSRAM	PLC Remote	On
CH ST4A40W	40W	100 ~ 240Vac	2700K ~ 6000K	IP66	CH Driver	OSRAM		Off
CH ST4A50W	50W	100 ~ 240Vac	2700K ~ 6000K	IP66	CH Driver	OSRAM		Dimming
CH ST4A80W	80W	90 ~ 305Vac	2700K ~ 6000K	IP66	Mean Well	OSRAM		Monitor
CH ST4A120W	120W	90 ~ 305Vac	2700K ~ 6000K	IP66	Mean Well	OSRAM		Google Map
CH ST4A150W	150W	90 ~ 305Vac	2700K ~ 6000K	IP66	Mean Well	OSRAM		

Model No.	Power	Input Voltage	Color Temperature	IP Rating	Driver	LED Chip	Smart Lighting Control & Management System	
CH ST4C30W	30W	90 ~ 305Vac	2700K ~ 6000K	IP66	Mean Well	OSRAM	PLC Remote	On
CH ST4C60W	60W	90 ~ 305Vac	2700K ~ 6000K	IP66	Mean Well	OSRAM		Off
CH ST4C100W	100W	90 ~ 305Vac	2700K ~ 6000K	IP66	Mean Well	OSRAM		Dimming
CH ST4C120W	120W	90 ~ 305Vac	2700K ~ 6000K	IP66	Mean Well	OSRAM		Monitor
								Google Map

LED SPOT LIGHT



LED Flood Light is widely used in shopping center, exhibition hall, parking lot, stadium, gymnasia, advertisement billboard, park, government decoration project, landmark, building, public square and other indoor/outdoor lighting applications.

LED SPOT LIGHT

PRODUCT FEATURES

Ultra-thin streamline appearance design, exquisite fashion



Protection grade reaches IP65

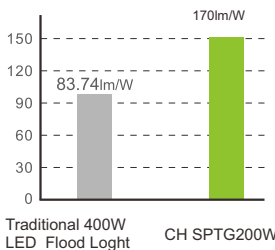


Anti-Level 17 hurricane



Adjustable angel of 270°

CH SPTG250W With the traditional flood light luminous efficiency comparison



Through the professional optical design of CH SPTG series flood light heatsink, the end product's luminous efficiency can be 50% higher than traditional flood light under the same conditions.

CH SPTG250W Light Distribution Curve

CH SPTS250W illumination Curve

Model No.	Power	Input Voltage	Color Temperature	IP Rating	Driver	LED Chip	Smart Lighting Control & Management System	
CH SPTG10W	10W	90 ~ 305Vac	2700K ~ 6000K	IP65	Mean Well	OSRAM	PLC Remote	
CH SPTG20W	20W	90 ~ 305Vac	2700K ~ 6000K	IP65	Mean Well	OSRAM		
CH SPTG30W	30W	90 ~ 305Vac	2700K ~ 6000K	IP65	Mean Well	OSRAM		On
CH SPTG50W	50W	90 ~ 305Vac	2700K ~ 6000K	IP65	Mean Well	OSRAM		Off
CH SPTG70W	70W	90 ~ 305Vac	2700K ~ 6000K	IP65	Mean Well	OSRAM		Dimming
CH SPTG100W	100W	90 ~ 305Vac	2700K ~ 6000K	IP65	Mean Well	OSRAM		Monitor
CH SPTG150W	150W	90 ~ 305Vac	2700K ~ 6000K	IP65	Mean Well	OSRAM		Google Map
CH SPTG200W	200W	90 ~ 305Vac	2700K ~ 6000K	IP65	Mean Well	OSRAM		
CH SPTG250W	250W	90 ~ 305Vac	2700K ~ 6000K	IP65	Mean Well	OSRAM		

HIGH MAST LE D LIGHT



The modernization of mocha brown color, the unique frosted texture, contracted hale appearance modeling,CHTSC stadium lights/high mast lamp with consistent design concept, keep harmony with the natural environment, lighting system and can be widely used in the stadium, dock, large buildings, square and landscape lighting and other places.

The whole lamp powder baking process, use the stainless steel parts and 1060 pure aluminum lamp body, make the product has a prominent advantage in anti-corrosion performance and thermal performance, can cope with harsh outdoor environment.

Professional product structure, use button design,CHTSC suite easy installation and maintenance .

In addition to the exquisite design and solid material selection,CHTSC also supports light sensor installation, can be Intelligent Control Switches, to further improve energy efficiency.

PRODUCT FEATURES



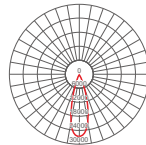
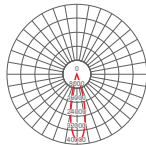
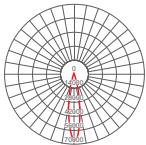
Module cover card button design, quick and easy installation and maintenance.



The adjustable bracket, with clear scale, 270 ° adjustable, Adjust As You Want.



PROFESSIONAL LIGHT DISTRIBUTION



Protection grade reaches IP67

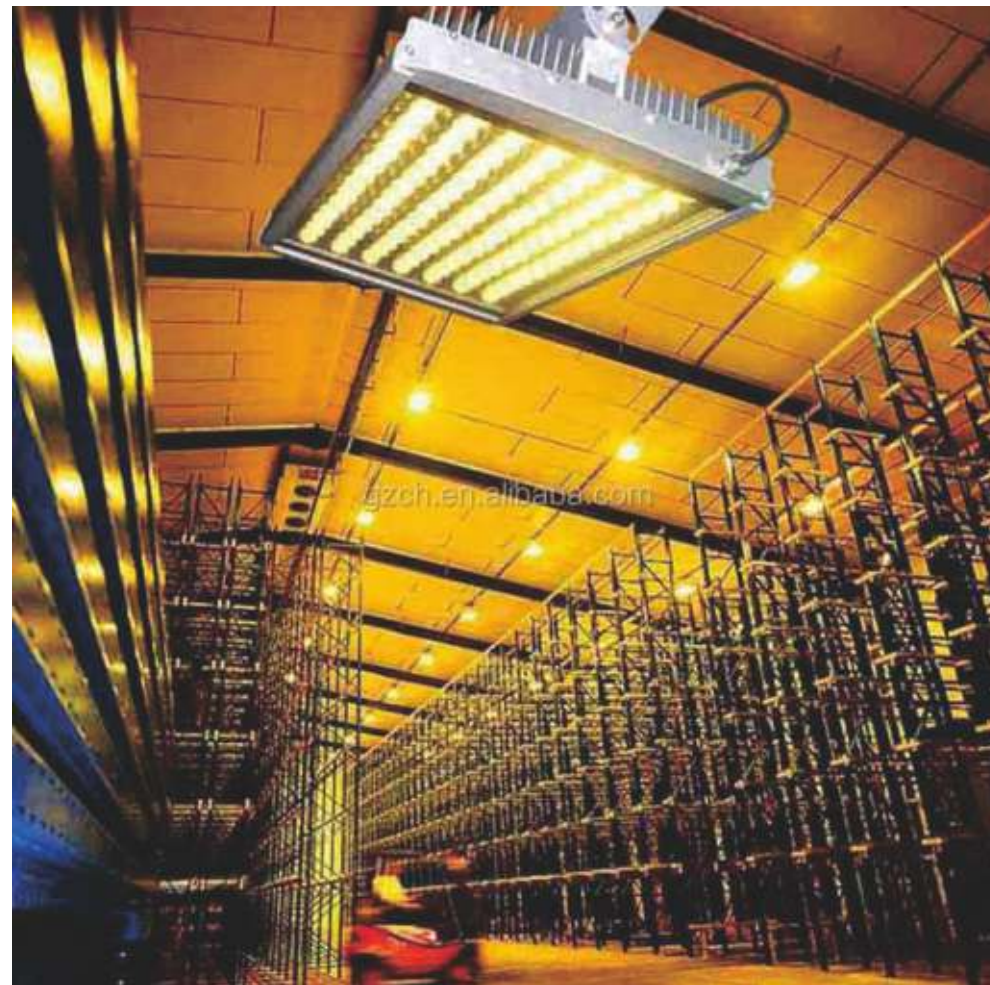


Anti-Level-17 hurricane



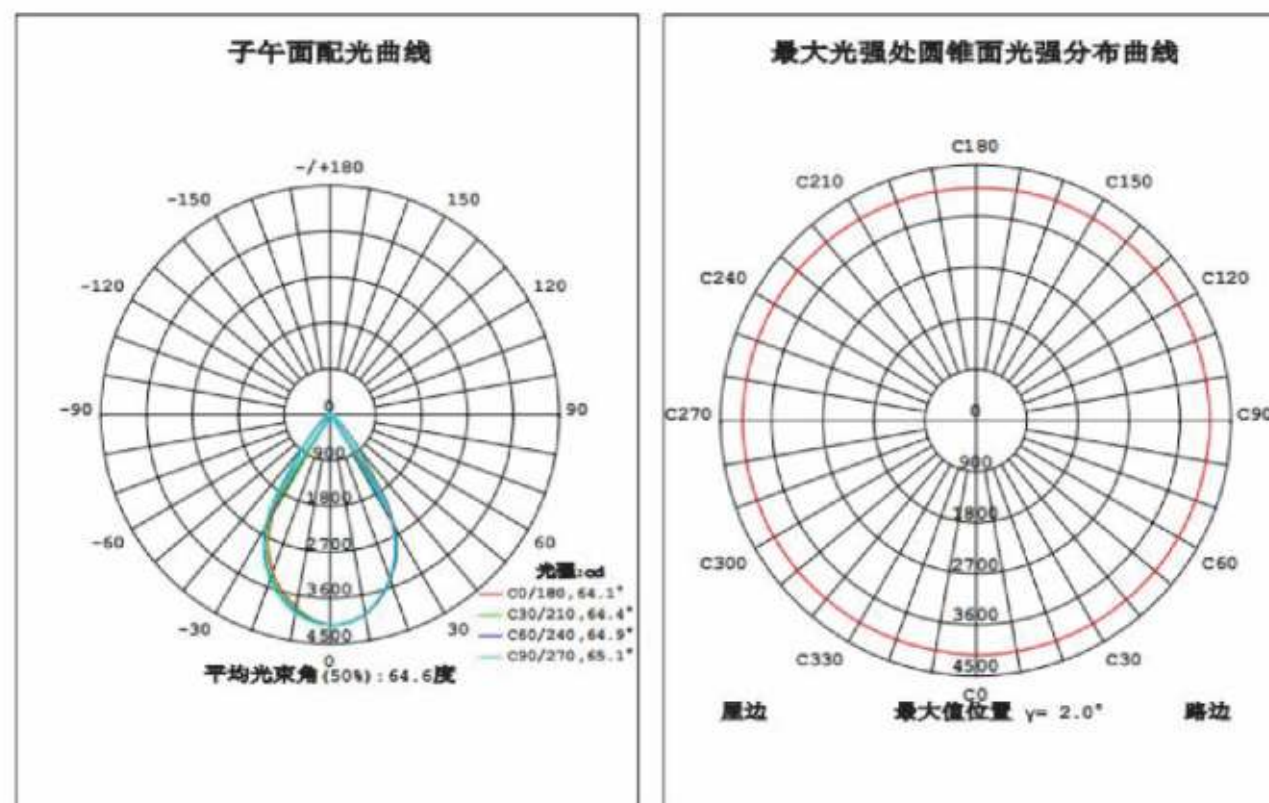
Adjustable angel of 270°

Model No.	Power	Input Voltage	Color Temperature	IP Rating	Driver	LED Chip	Smart Lighting Control & Management System	
CH STTSC350W	350W	90 ~ 305Vac	2700K ~ 6000K	IP65	Mean Well	CREE	PLC Remote	On
CH STTSC400W	400W	90 ~ 305Vac	2700K ~ 6000K	IP65	Mean Well	CREE		Off
CH STTSC500W	500W	90 ~ 305Vac	2700K ~ 6000K	IP65	Mean Well	CREE		Dimming
								Monitor
								Google Map



Digital Lighting System for Industry 4.0

- * Remote On/Off/Dimming online web-application
- * 3D software for commissioning, visualization, operation & maintenance
- * PLC - power lines communication
- * Unlimited number of controlling light points
- * Up to 400 units connected LED drivers (Max. 1000 units)
- * Faulty Alert & Reporting
- * Energy Consumption Report
- * 2700K-6000K CCT Automatic Varying
- * Constant lumen output (CLO)
- * Daylight Compensation
- * Motion detection
- * Flexible ID addressing and grouping via PLC
- * PLC & LoRA /Wired and wireless hybrid system
- * Real-time data Analysis and optimization energy consumption
- * Emergency lighting system integrated
- * Tailormade lighting control & management for industrial applications



Cases Study:



With the help of Shenzhen Outer Ring Expressway Platform, the System in Module,Expert Analysis Module, Energy Consumption Monitoring Module



GUANGZHOU CHENGHONG E-TECH. CO.,LTD

Tel : +86 20 8278 0427
Mobile : +86 137 6337 0443
E-mail : info@stsystemplc.com
Website : www.stsystemplc.com



www.stsystemplc.com