

SKD-771 Serials LED Module

—SKD Outdoor Linear Lighting Product Portfolio

Product Description

- High purity Aluminum Materials for the housing
- Expert thermal management design for the heatsink
- The lighting direction adjustable for 270° rotation, stepping by 5°
- Customer orientation design for the easy assembly at luminaire level
- The driver box at the rear of heatsink, to protect the connectors and avoid the physical and biological damage, and make sure the IP 67
- Good-looking industrial design and module concept for the better inventory management
- Classic 3030 LED package, with no patent risk globally
- Anti-UV PC materials for the lens, with no patent risk globally
- IP67 rating for various outdoor application and harsh environment
- Multi brand availability of outdoor drivers: Philips, OSRAM, Meanwell, Sosen, MOSO
- Driver excluded



Product Specification

- Individual 100W Light Module, with 84pcs LED. The efficacy is up to 150lm/W.
- Linear lens design with high quality
- Viewing angles of 40°, 60°, 90°, 120°, for various applications

Unique Advantage

- Easy assembly at luminaire level, thanking the module design
- High-efficiency inventory management by module
- Many viewing angles for different venues
- Patented, with no patent risk globally

Application

- Port, Stadium, Airport, Ferry and other high pole lighting applications
- Individual 100W for the easy installation on project sites



SKD-771 serials LED Module List

6 power level from 100W to 600W, with 3 typical CCT(5000K, 5700K, 6500K)

Module design patented, no patent risk globally

Product Name 3 CCT	Power Rate (W)	Luminos Flux (lm)	Dimension (mm)	Packing dimension (mm)	Weight (kg)	LED package type	PCB design	LED driver selection guide
SKD-771-100W-50K SKD-771-100W-57K SKD-771-100W-65K	100W	15000	307*188*90.2	362*243*154	1.8	3030	8S18P*1	If=2000mA(max.) Vf=48V 1pcs 100W driver
SKD-771-200W-50K SKD-771-200W-57K SKD-771-200W-65K	200W	30000	318*322*135.3	377*373*180	2.9	3030	8S18P*2	If=4000mA(max.) Vf=48V 1pcs 200W driver
SKD-771-300W-50K SKD-771-300W-57K SKD-771-300W-65K	300W	45000	318*322*135.3	377*373*180	4	3030	8S18P*3	If=6000mA(max.) Vf=48V 1pcs 300W driver
SKD-771-400W-50K SKD-771-400W-57K SKD-771-400W-65K	400W	60000	318*430*135.3	485*373*180	4.3	3030	8S18P*4	If=4000mA(max.) Vf=48V 2pcs 200W driver
SKD-771D-400W-50K SKD-771D-400W-57K SKD-771D-400W-65K	400W	60000	580*322*135.3	635*376*180	5.9	3030	8S18P*4	If=4000mA(max.) Vf=48V 2pcs 200W driver
SKD-771-500W-50K SKD-771-500W-57K SKD-771-500W-65K	500W	75000	318*538*135.3	593*373*180	7.5	3030	8S18P*5	If=10500mA(max.) Vf=48V 1pcs 500W driver
SKD-771D-600W-50K SKD-771D-600W-57K SKD-771D-600W-65K	600W	90000	580*322*135.3	635*376*180	7.5	3030	8S18P*6	If=6000mA(max.) Vf=48V 2pcs 300W driver

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LED Light Source Option Specification

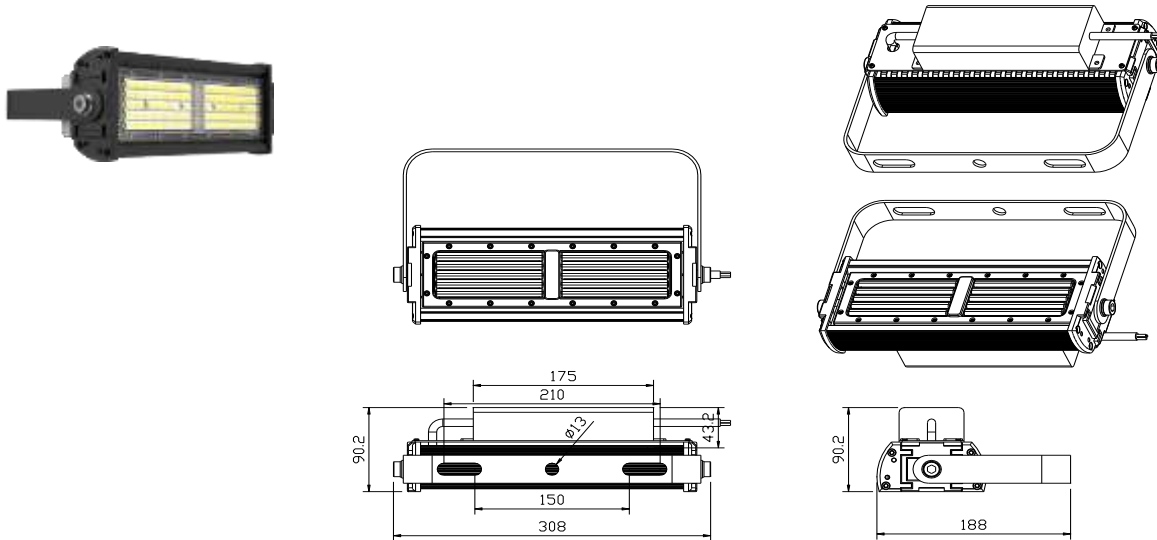
Brand	Product	If(mA)	Vf(V)	CCT	CRI	Efficacy(lm/W)	Lifetime
Lumileds	LUXEON 3030	120	6	5000K, 5700K, 6500K	>80	160	50000h
Lightning	3030	120	6	5000K, 5700K, 6500K	>80	140	50000h

LED patented, no patent risk globally

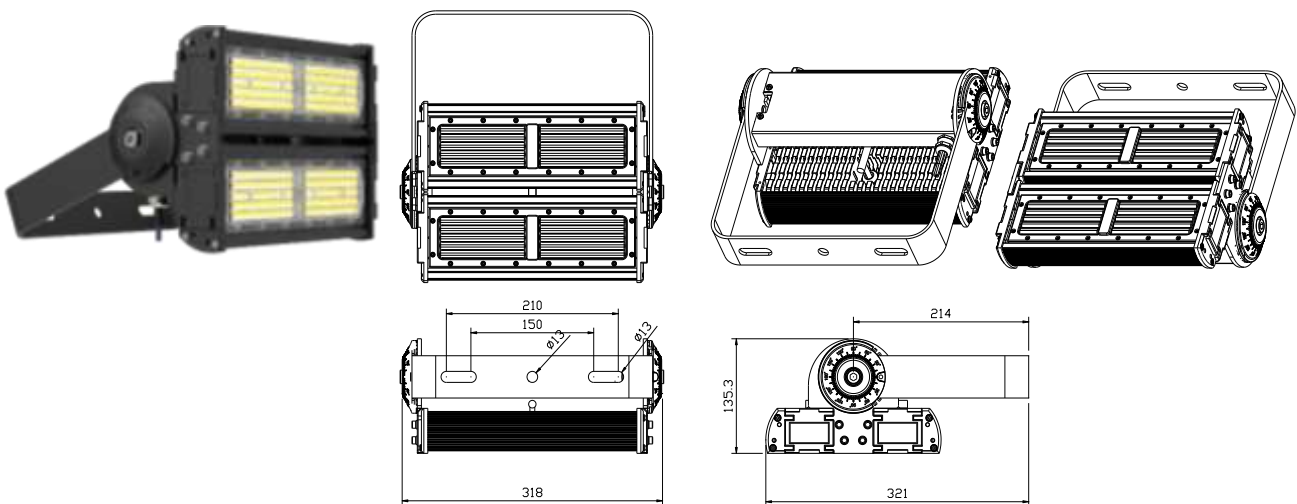


SKD-771 serials LED Module Drawing

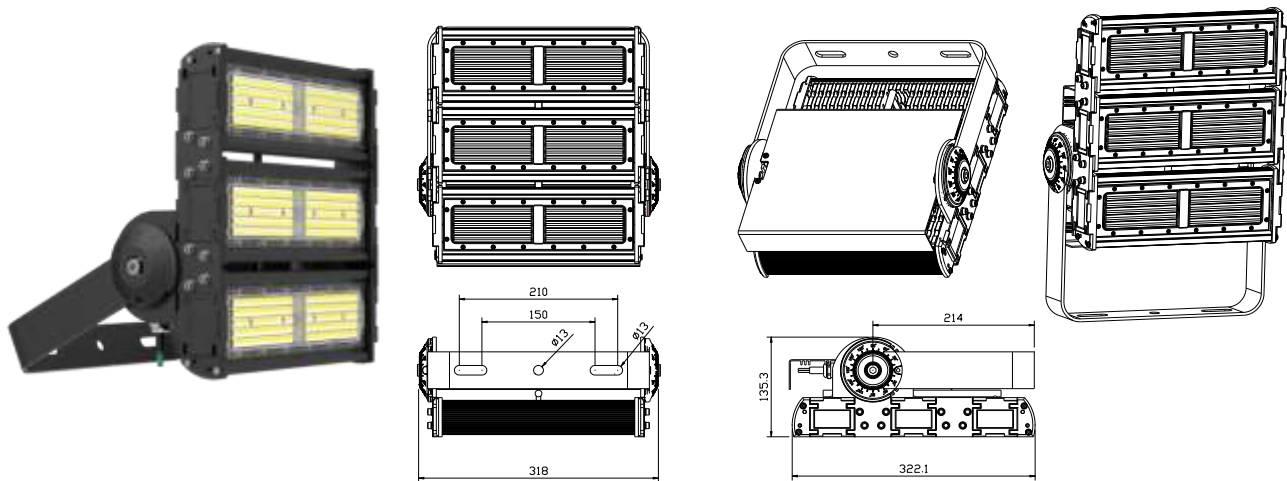
- SKD-771-100W Product drawing



- SKD-7711-200W Product drawing

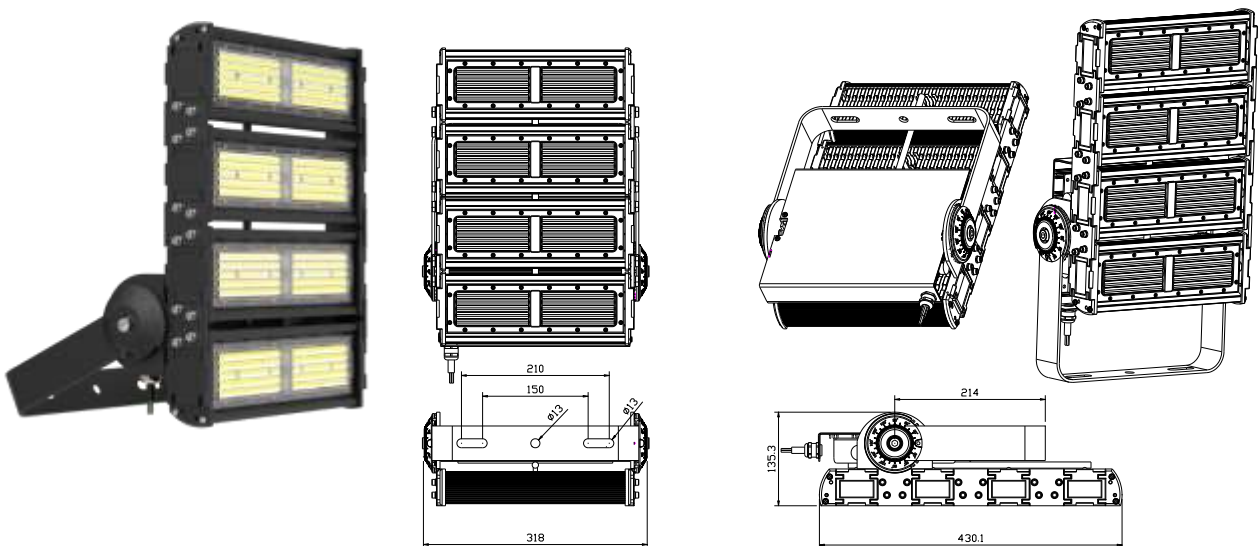


- SKD-771-300W Product drawing

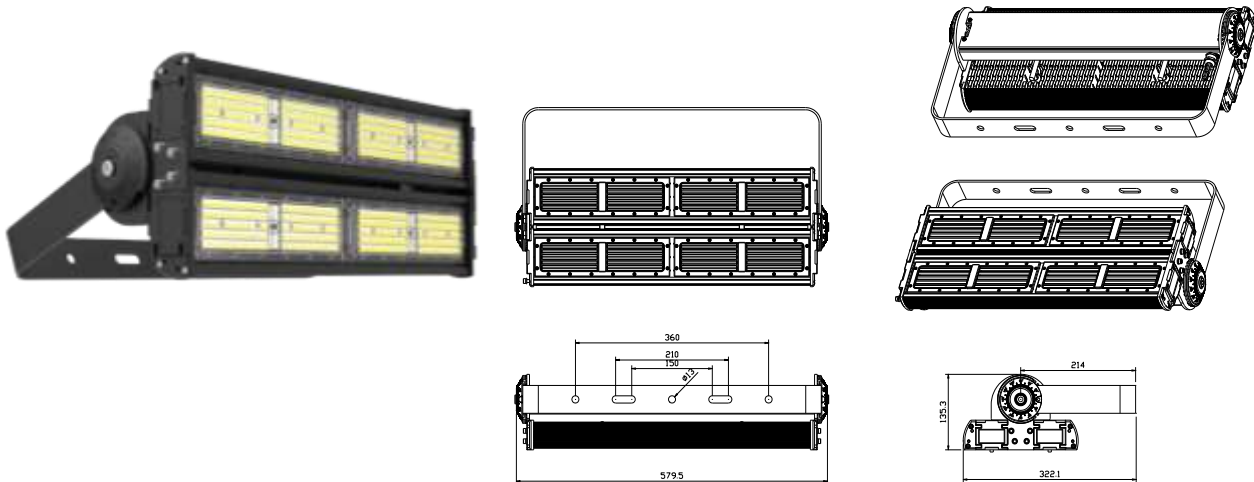


- SKD-771-400W Product drawing

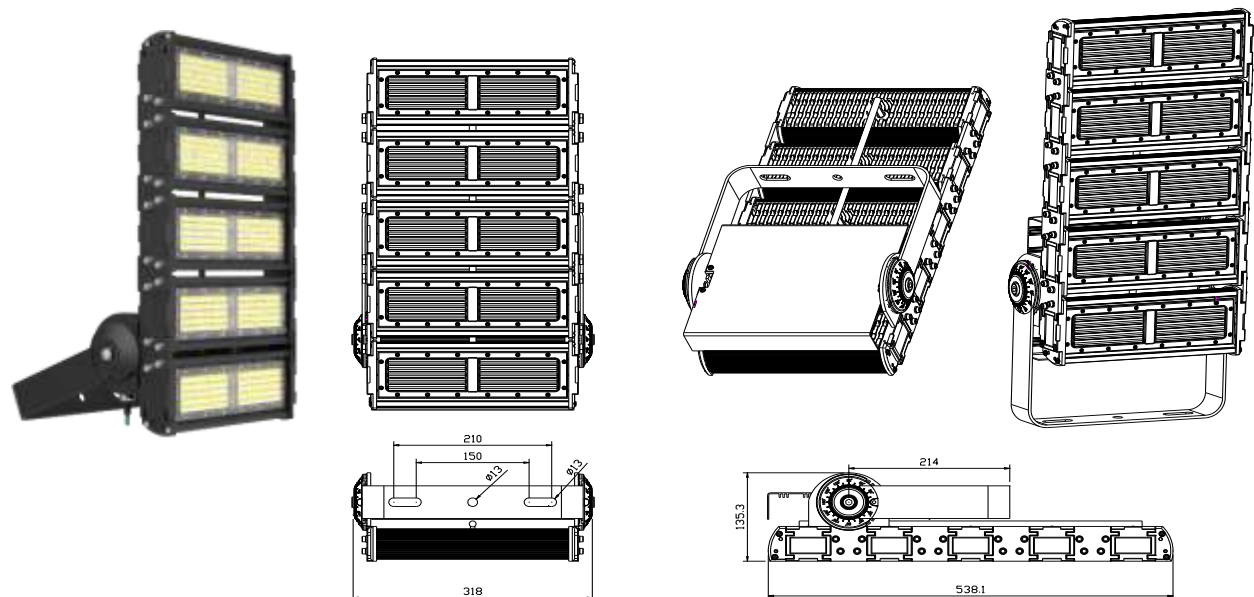
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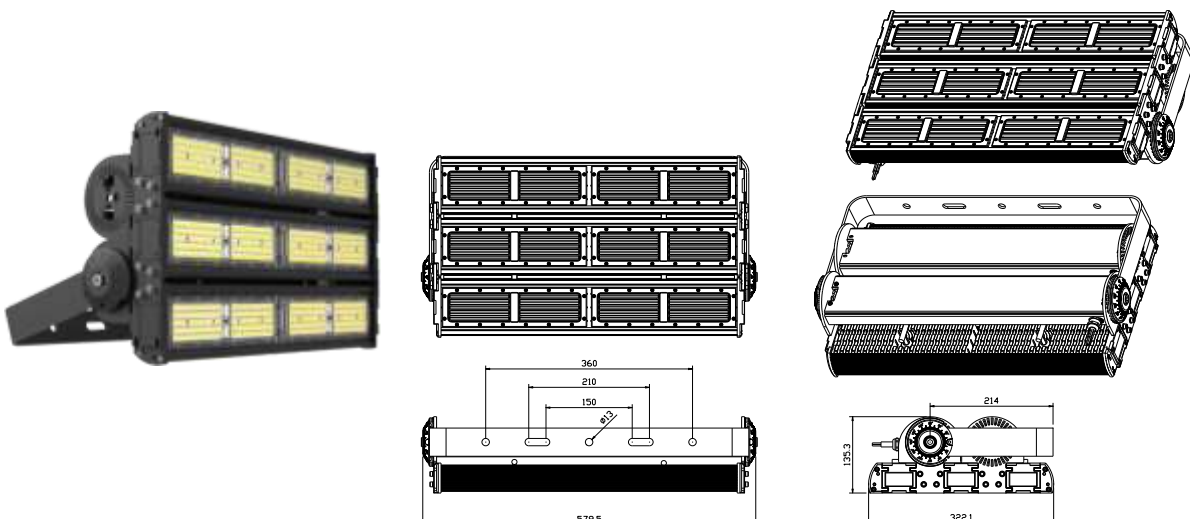
- SKD-771D-400W Product drawing



- SKD-771-500W Product drawing



- SKD-771D-600W Product drawing

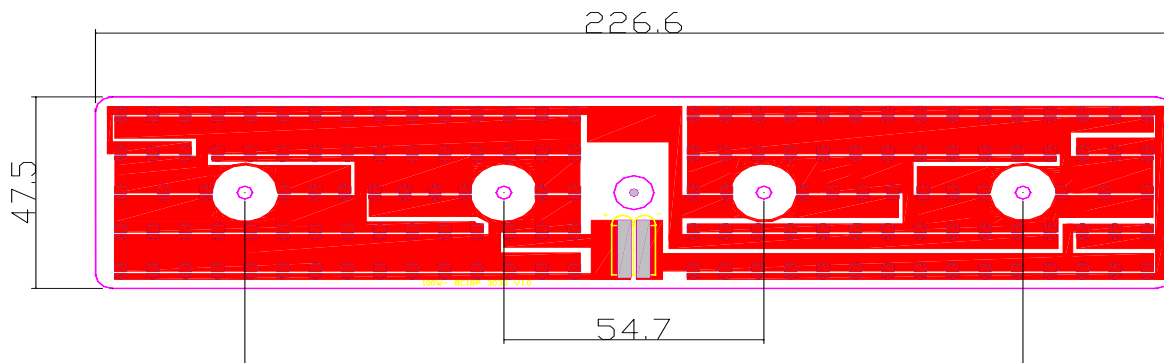


SKD-771 serials LED Module 100W AI-Base MCPCB

Al-base MCPCB, for 3030 LED, 8 in serials and 18 in parallels

Thermal Conductivity up to 2.0 for MCPCB

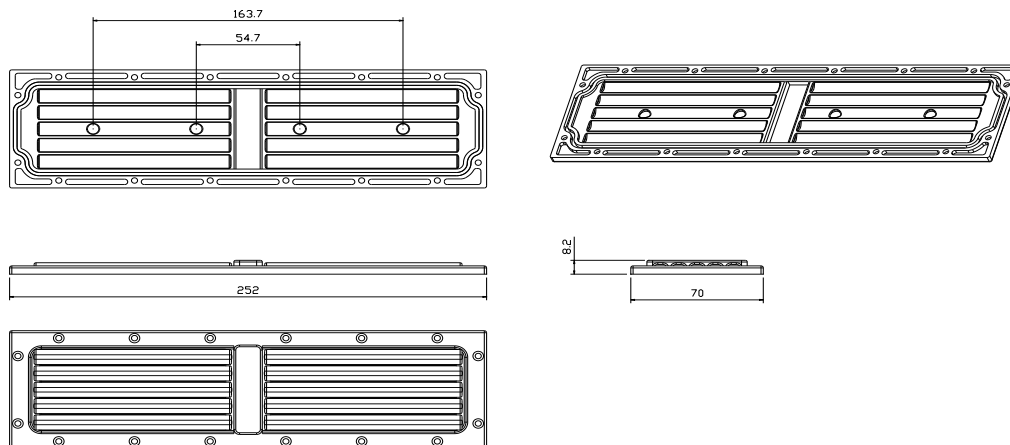
MCPCB patented, no patent risk globally



SKD-771 serials LED Module 100W Lens

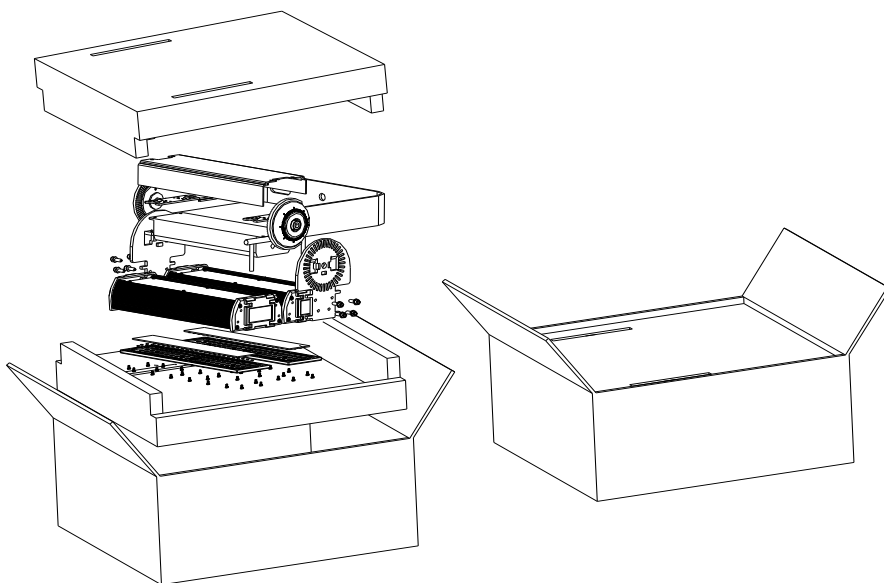
Viewing angle options: 40°, 60°, 90°, 120°

Darkoo lens patented, no patent risk globally



SKD-771 serials LED Module Packing

Packing: EPE upper cover + LED luminaires + EPE base + K7 box



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SKD-771 serials LED Module Constant Current Driver Option(excluded in packing)

Product	Power rated(W)	I(mA)	V(V)	Driver Quantity	LED driver recommendations
SKD-771-100W	100W	2000	48	1	Philips: Xitanium 100W 2.1-4.2A AOC 230V I160 Sosen: SS-100VH-56B
SKD-771-200W	200W	4000	48	1	Philips: Xitanium 200W 2.8-5.6A AOC 230V I200 Sosen: SS-200VH-E56B
SKD-771-300W	300W	6000	48	1	Sosen: SS-320VP-56
SKD-771-400W	400W	4000	48	2	Philips: Xitanium 200W 2.8-5.6A AOC 230V I200 Sosen: SS-200VH-E56B
SKD-771D-400W	400W	4000	48	2	Philips: Xitanium 200W 2.8-5.6A AOC 230V I200 Sosen: SS-200VH-E56B
SKD-771-500W	500W	10500	48	1	Sosen: SS-500VP-56
SKD-771D-600W	600W	6000	48	2	Sosen: SS-320VP-56

About SKD Lighting

Dedicated to focus on LED Lighting Solution Kits Delivery Supply Chain, via the 4S Values:

Security	Supply Chain Security, for customer information security, patent security, product information security, business data security
Service	Supply Chain Service, for product service, technical service, logistic service, data service
Sustainability	Supply Chain Sustainability, by SKD business focus & sustainability, sustainable service, product development sustainability
Saving	Supply Chain Saving, for cost optimization, high performance/price solutions & service

Our Vision——Global Solution Kits Delivery for Lighting**Contacts:**

SKD Lighting (Zhongshan) Technology Ltd., Co.

Phone: (86)760-85286181

Mail: skd3@skdlighting.com

Web: www.skdlighting.com

Address: Floor 4, Building A, No. 97 Roadside, Dongzhen North Road, Huoju Development Zone, Zhongshan, Guangdong, China