

SKD-731 Serials LED Module

—SKD Outdoor Lighting Product Portfolio

Product Description

- High purity Aluminum Materials for the housing & heatsink
- Expert thermal management design for the Fin-style heatsink
- The lighting direction adjustable for 270° rotation, stepping by 5°
- Customer orientation design for the easy assembly at luminaire level
- Good-looking industrial design and module concept for the better inventory management
- Classic 3V 5050 or 3V 3535 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 120W Light Module, with 118pcs 3030 or 46pcs 5050 LED. The efficacy is up to 130lm/W.
- Viewing angles of 8°, 20°, 40°, 60°, 90°, asymmetric 50°, asymmetric 140°x100° 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 120W for the easy installation on project sites



SKD-731 serials LED Module List

4 power level (120W/240W/360W/480W), with 3 typical CCT(5000K, 5700K, 6500K)

Module design patented, no patent risk globally

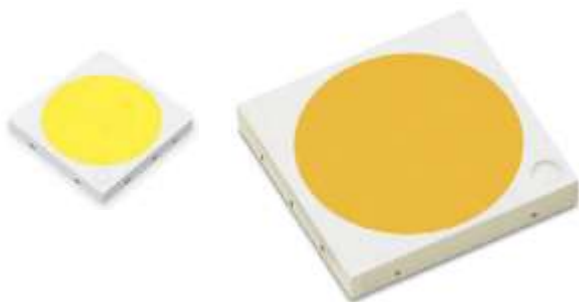
Product Name 3 CCT	Power Rate (W)	Luminos Flux (lm)	Dimension (mm)	Packing dimension (mm)	Weight (kg)	LED package type	PCB design	LED driver selection guide
SKD-731-120W-50K SKD-731-120W-57K SKD-731-120W-65K	120W	15600	316*199*105	369*252*170	2.7	3030/5050	8S23P*1/2S23P*1	If=2500mA(最大) Vf=48V 1pcs 150W 电源
SKD-731-600W-50K SKD-731-600W-57K SKD-731-600W-65K	240W	31200	339*330*149	394*385*196	3.8	3030/5050	8S23P*2/2S23P*2	If=5000mA(最大) Vf=48V 1pcs 300W 电源
SKD-731-900W-50K SKD-731-900W-57K SKD-731-900W-65K	360W	46800	368*330*149	423*385*196	4.6	3030/5050	8S23P*3/2S23P*3	If=2500mA(最大) Vf=48V 3pcs 150W 电源
SKD-731-1200W-50K SKD-731-1200W-57K SKD-731-1200W-65K	480W	62500	494*330*149	549*385*196	5.4	3030/5050	8S23P*4/2S23P*4	If=5000mA(最大) Vf=48V 2pcs 300W 电源

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LED Light Source Option Specification

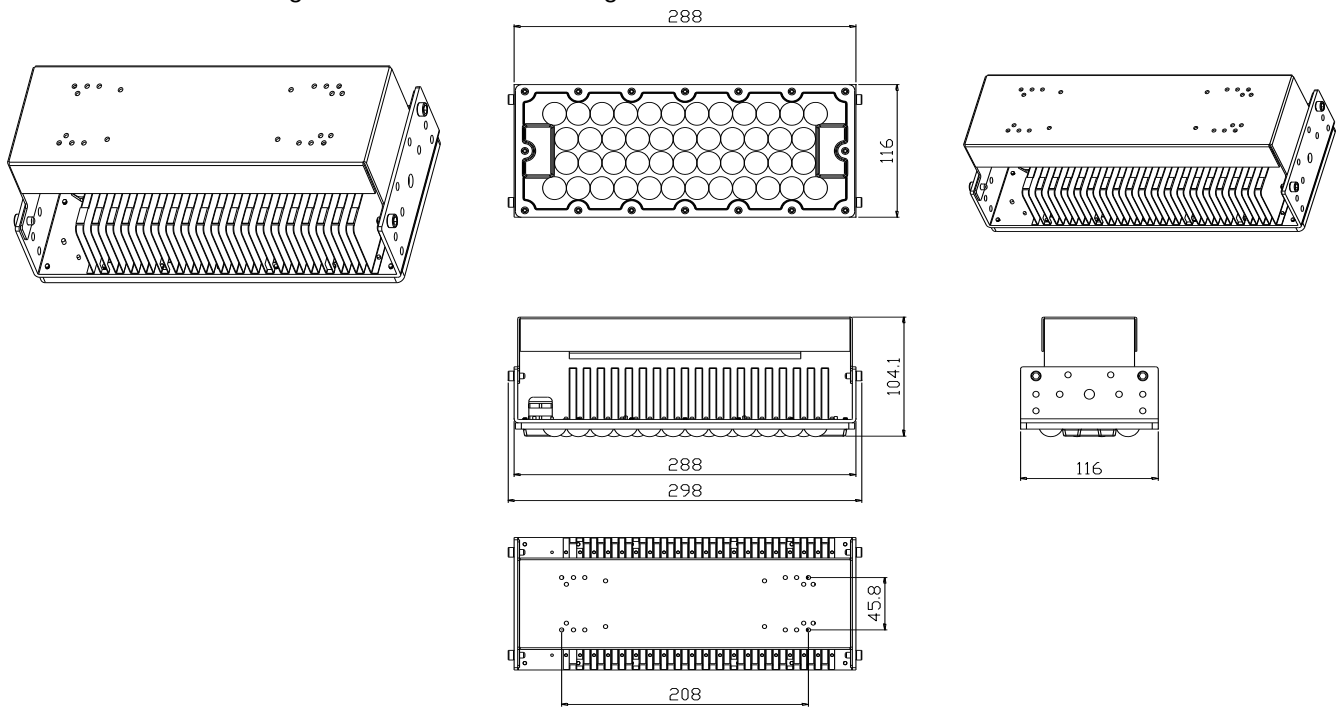
Brand	Product	If(mA)	Vf(V)	CCT	CRI	Efficacy(lm/W)	Lifetime
Lumileds	LUXEON 3030	120	6	5000K, 5700K, 6500K	>80	160	50000h
Lightning	5050	200	24	5000K, 5700K, 6500K	>80	140	50000h

LED patented, no patent risk globally

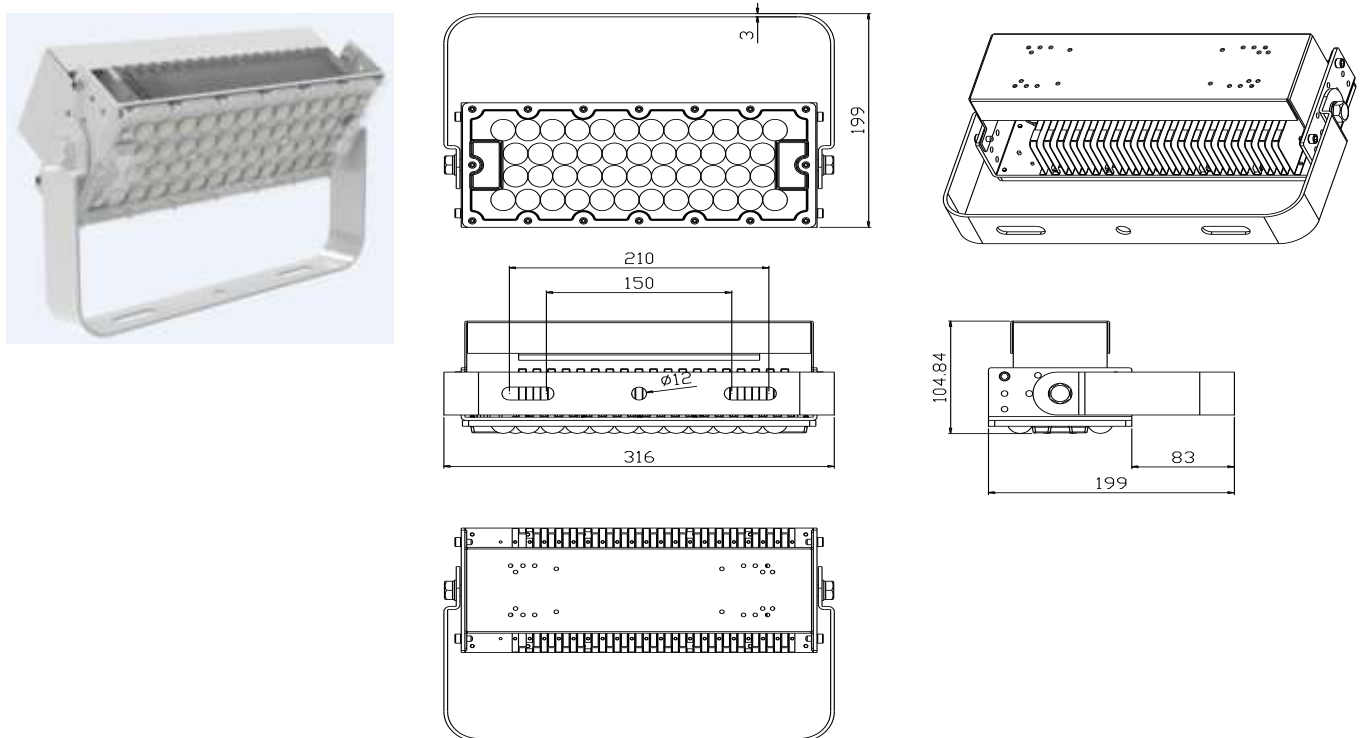


SKD-731 serials LED Module Drawing

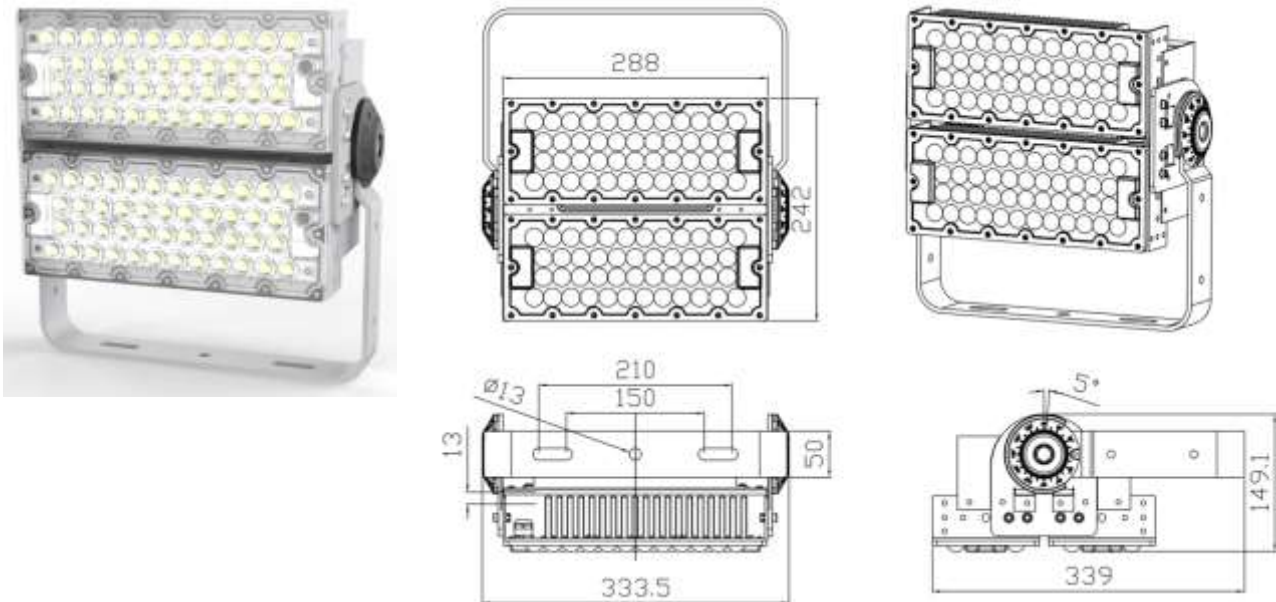
- SKD-731-120W Single Module Product drawing



- SKD-731-120W Product drawing

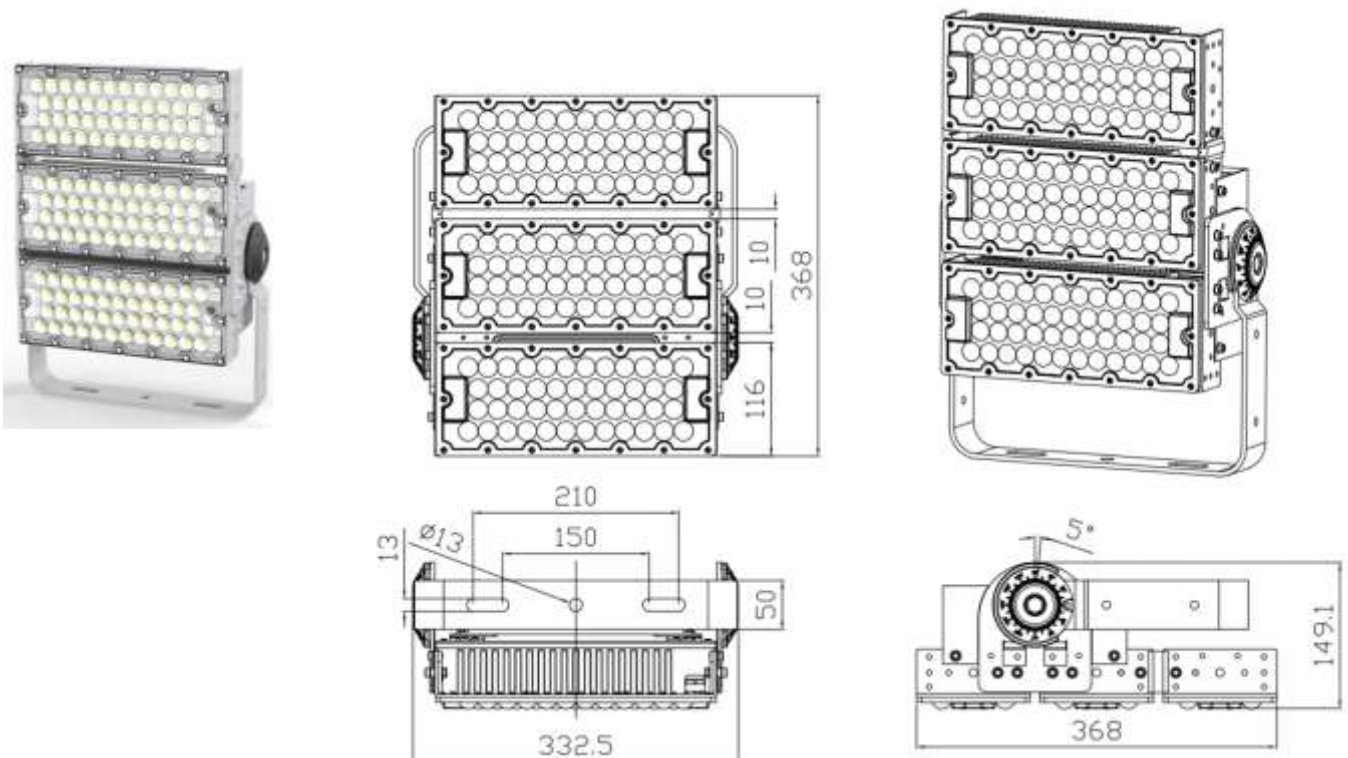


- SKD-731-240W Product drawing

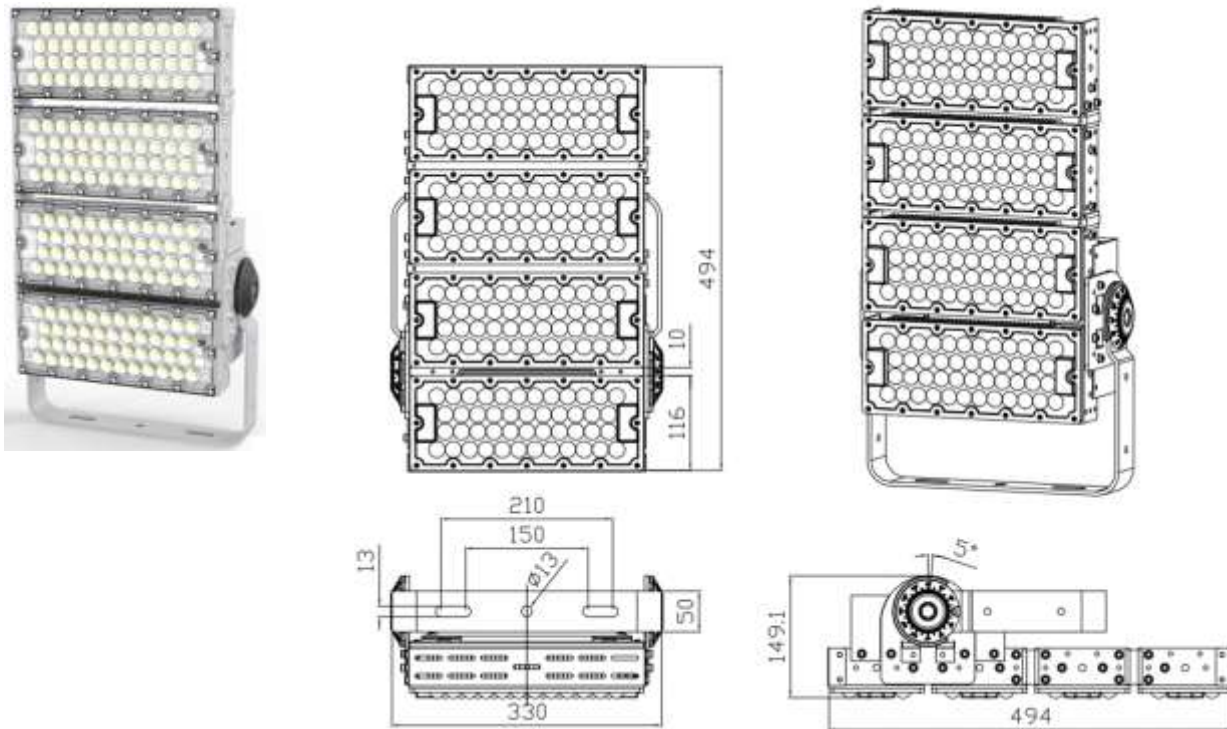


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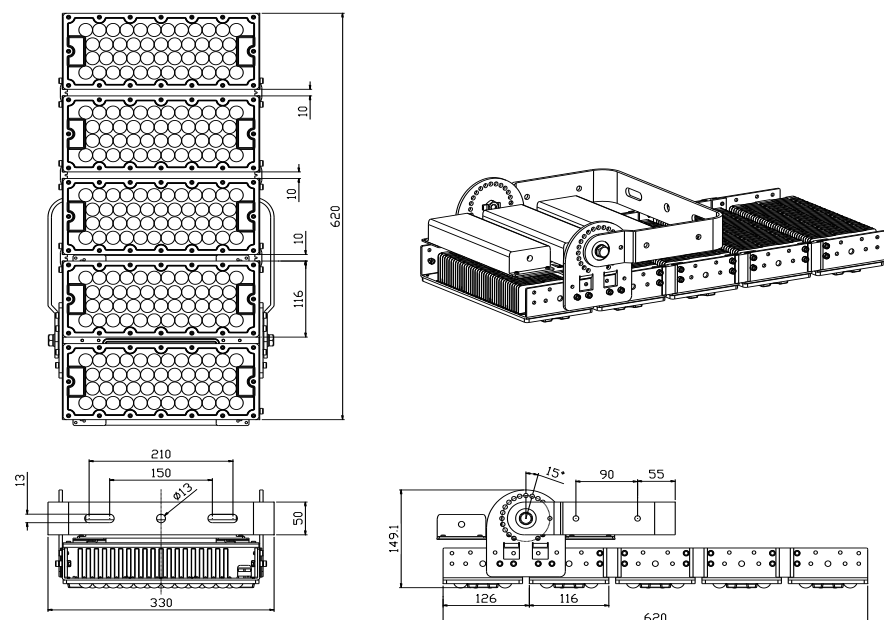
- SKD-731-360W Product drawing



- SKD-731-480W Product drawing



- SKD-731-600W Product drawing



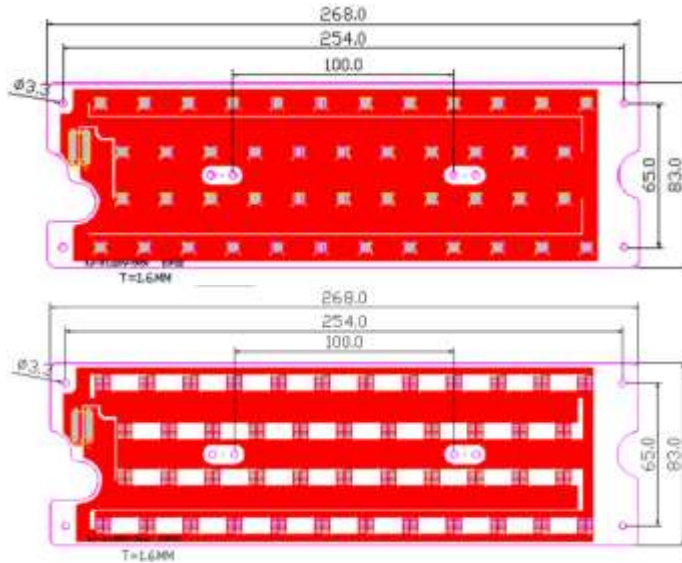
SKD-731 serials LED Module 120W Al-Base MCPCB

Al-base MCPCB, for 3030 LED, 8 in serials and 23 in parallels

Al-base MCPCB, for 5050 LED, 2 in serials and 23 in parallels

Thermal Conductivity up to 2.0 for MCPCB

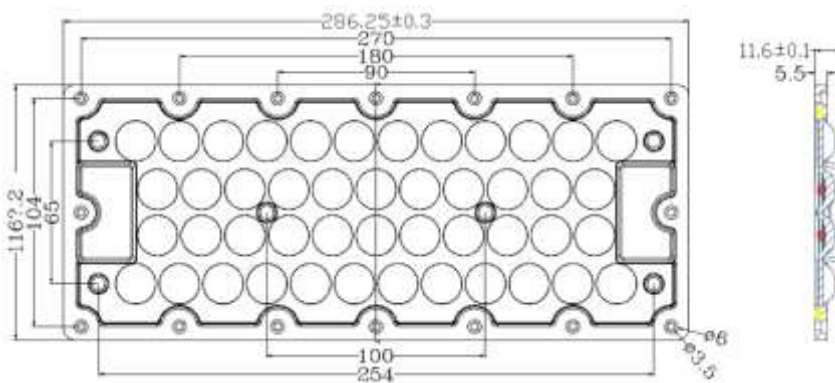
MCPCB patented, no patent risk globally



SKD-731 serials LED Module 120W Lens

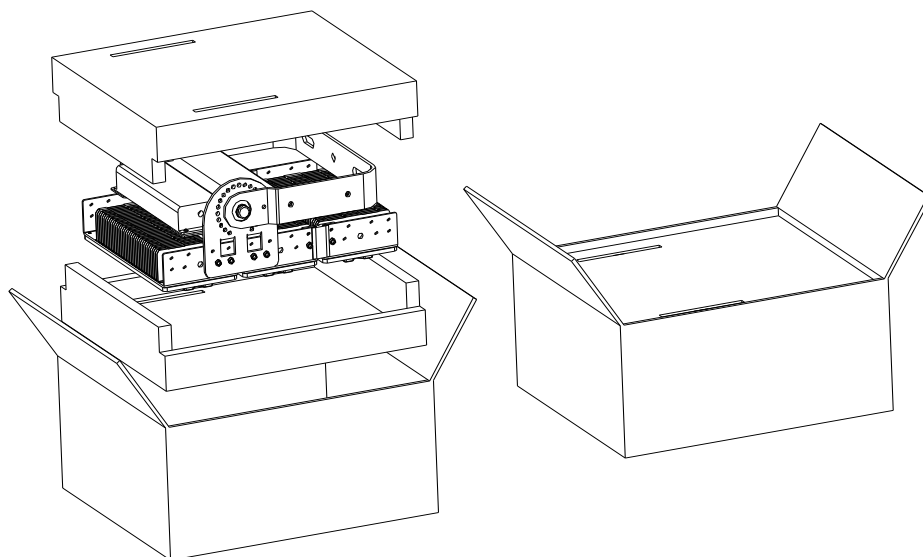
Viewing angle options: 10°, 20°, 40°, 60°, 90°, asymmetric 50°, asymmetric 140°x100°

Darkoo lens patented, no patent risk globally



SKD-731 serials LED Module Packing

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



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SKD-731 serials LED Module Constant Current Driver Option(excluded in packing)

Product	Power rated(W)	I(mA)	V(V)	Driver Quantity	LED driver recommendations
SKD-731-120W	120W	2500	48	1	Sosen: SS-150VH-56B
SKD-731-240W	240W	5000	48	2	Sosen: SS-320VP-56
SKD-731-360W	360W	2500	48	3	Sosen: SS-150VH-56B
SKD-731-480W	480W	5000	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:**

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