

SKD-571 Serials LED Module

—SKD Outdoor 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 6V 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 60W Light Module, with 84pcs LED. The efficacy is up to 155lm/W.
- Viewing angles of 15°, 25°, 40°, 60°, 75°, 90°, 120°, 30° x70°, 136° x78°, 49° x21°, 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 60W for the easy installation on project sites



SKD-571 serials LED Module List

6 power level from 60W to 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-571-60W-50K SKD-571-60W-57K SKD-571-60W-65K	60W	9470	307*188*81.6	362*243*148	1.8	3030	7S12P*1	If=1400mA(max.) Vf=42V 1pcs 60W driver
SKD-571-120W-50K SKD-571-120W-57K SKD-571-120W-65K	120W	18940	318*322*135.3	377*373*180	2.9	3030	7S12P*2	If=2800mA(max.) Vf=42V 1pcs 120W driver
SKD-571-180W-50K SKD-571-180W-57K SKD-571-180W-65K	180W	28410	318*322*135.3	377*373*180	4	3030	7S12P*3	If=4200mA(max.) Vf=42V 1pcs 200W driver
SKD-571-240W-50K SKD-571-240W-57K SKD-571-240W-65K	240W	37880	565*322*135.3	620*376*180	4.3	3030	7S12P*4	If=5600mA(max.) Vf=42V 1pcs 240W driver
SKD-571-360W-50K SKD-571-360W-57K SKD-571-360W-65K	360W	56820	565*322*135.3	620*376*180	5.9	3030	7S12P*6	If=4200mA(max.) Vf=42V 2pcs 200W driver
SKD-571-480W-50K SKD-571-480W-57K SKD-571-480W-65K	480W	75760	565*430*135.3	620*484*180	7.5	3030	7S12P*8	If=5600mA(max.) Vf=42V 2pcs 240W driver

2

LED Light Source Option Specification

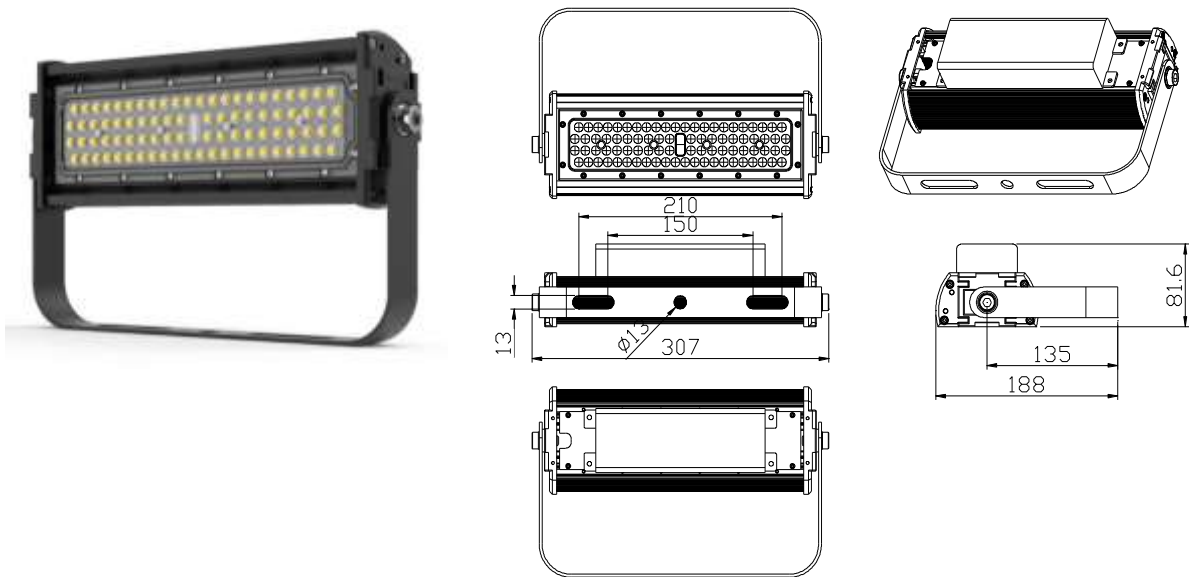
Brand	Product	If(mA)	Vf(V)	CCT	CRI	Efficacy(lm/W)	Lifetime
Lumileds	LUXEON 3030	120	6	5000K, 5700K, 6500K	>80	160	50000h
Lightning	3030	120	6	5000K, 5700K, 6500K	>80	140	50000h

LED patented, no patent risk globally

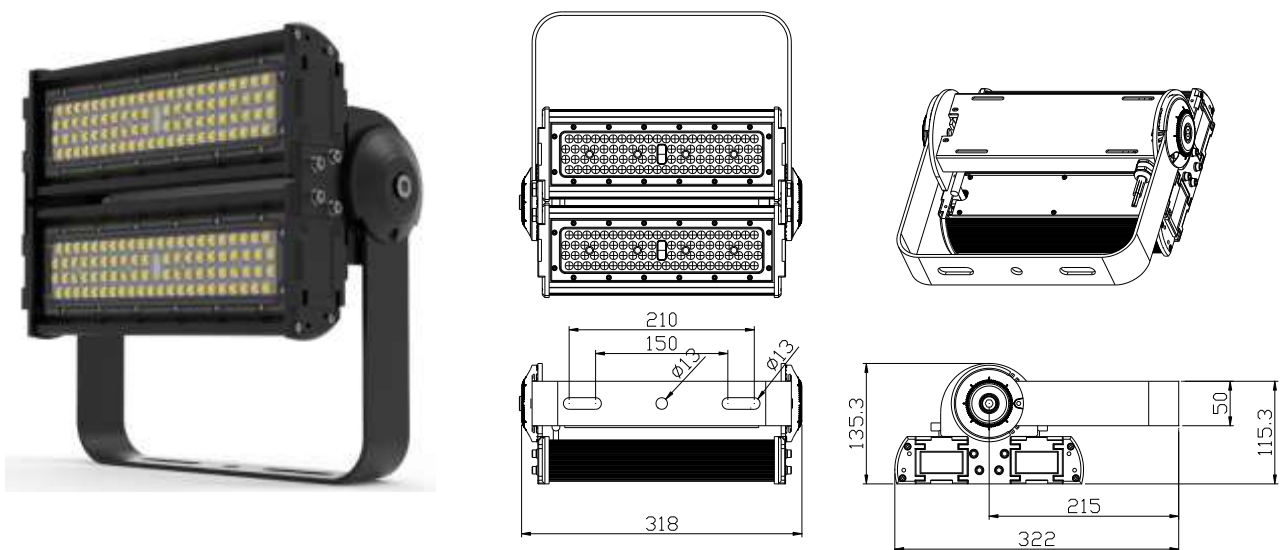


SKD-571 serials LED Module Drawing

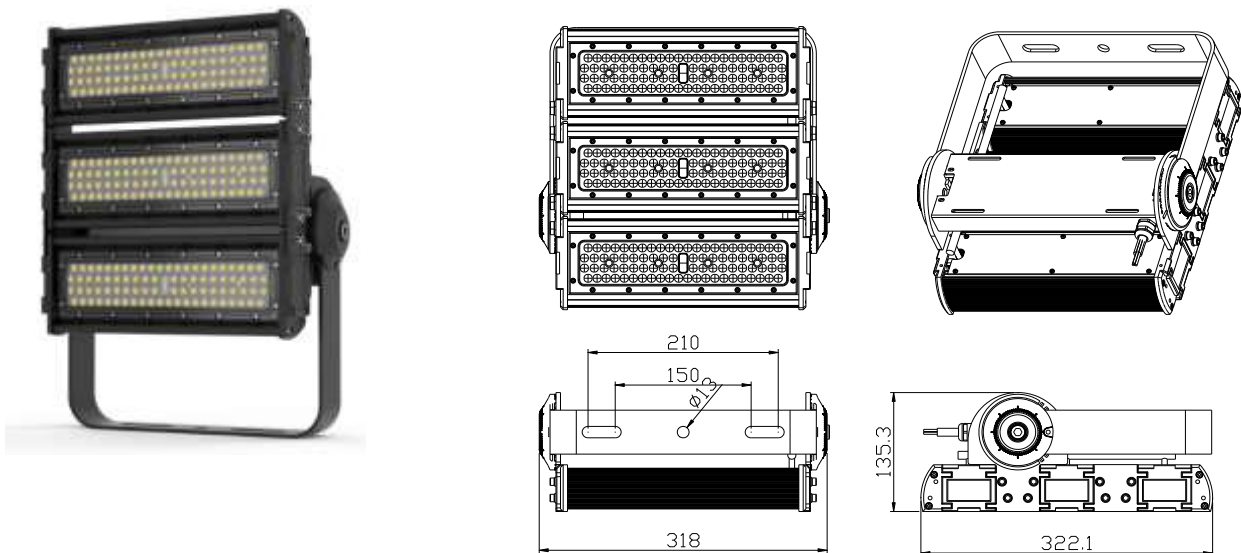
- SKD-571-60W Product drawing



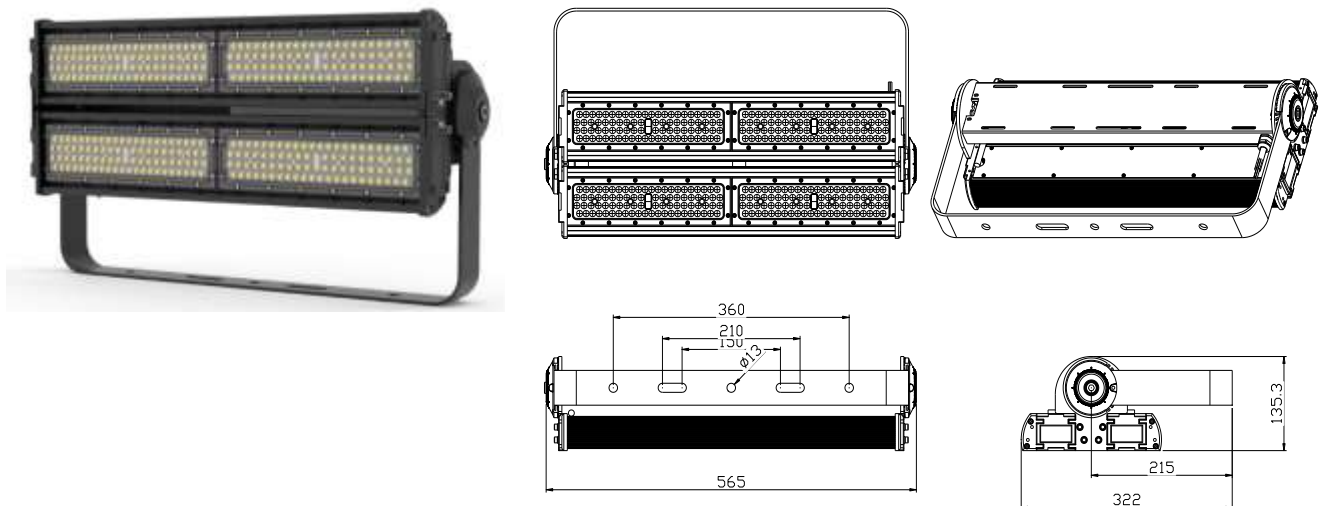
- SKD-571-120W Product drawing



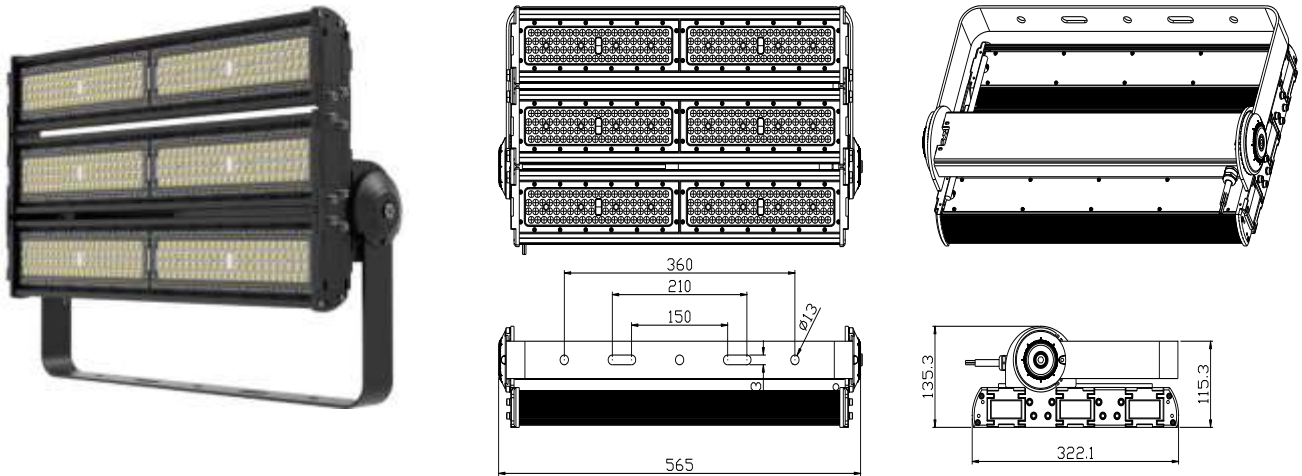
- SKD-571-180W Product drawing



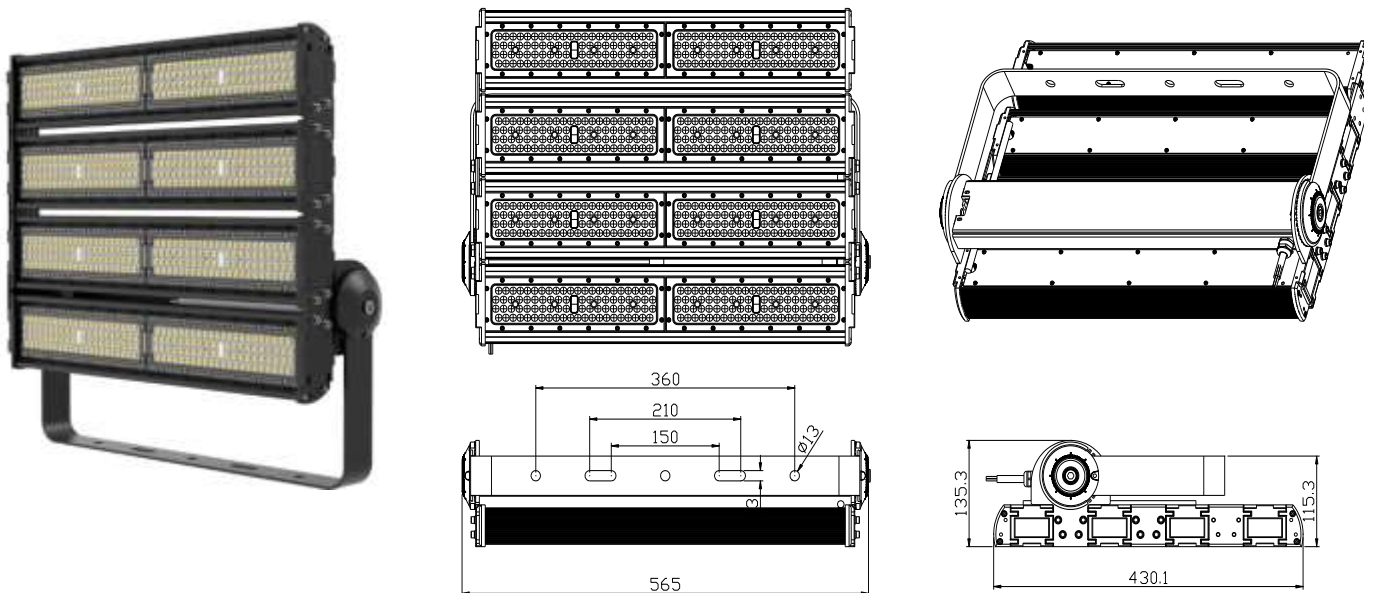
- SKD-571-240W Product drawing



- SKD-571-360W Product drawing



- SKD-571-480W Product drawing

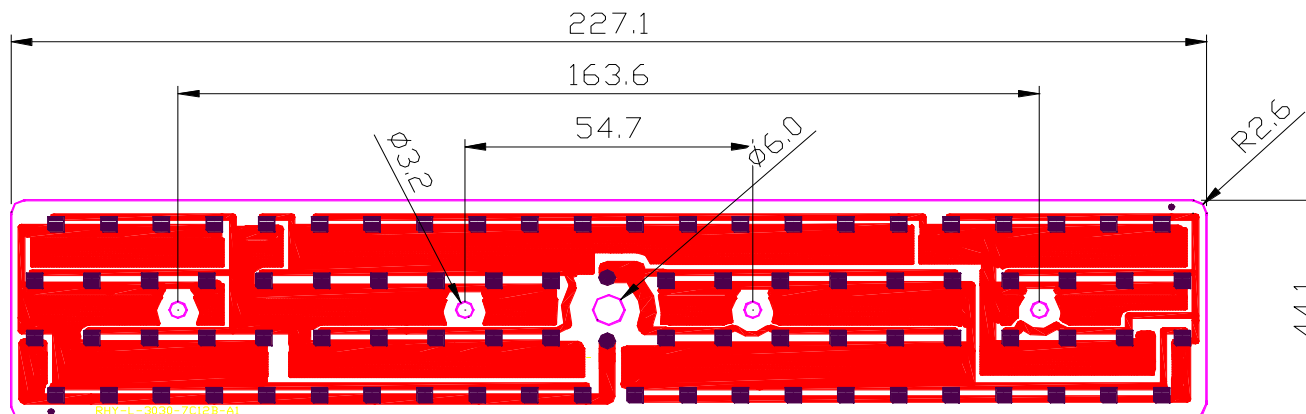


SKD-571 serials LED Module 60W AI-Base MCPCB

Al-base MCPCB, for 3030 LED, 7 in serials and 12 in parallels

Thermal Conductivity up to 2.0 for MCPCB

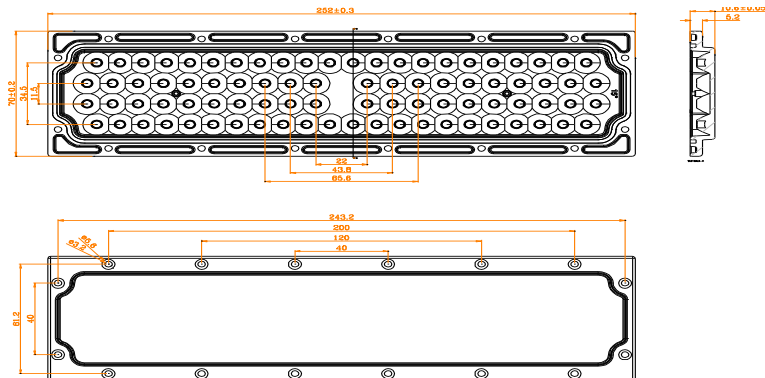
MCPCB patented, no patent risk globally



SKD-571 serials LED Module 60W Lens

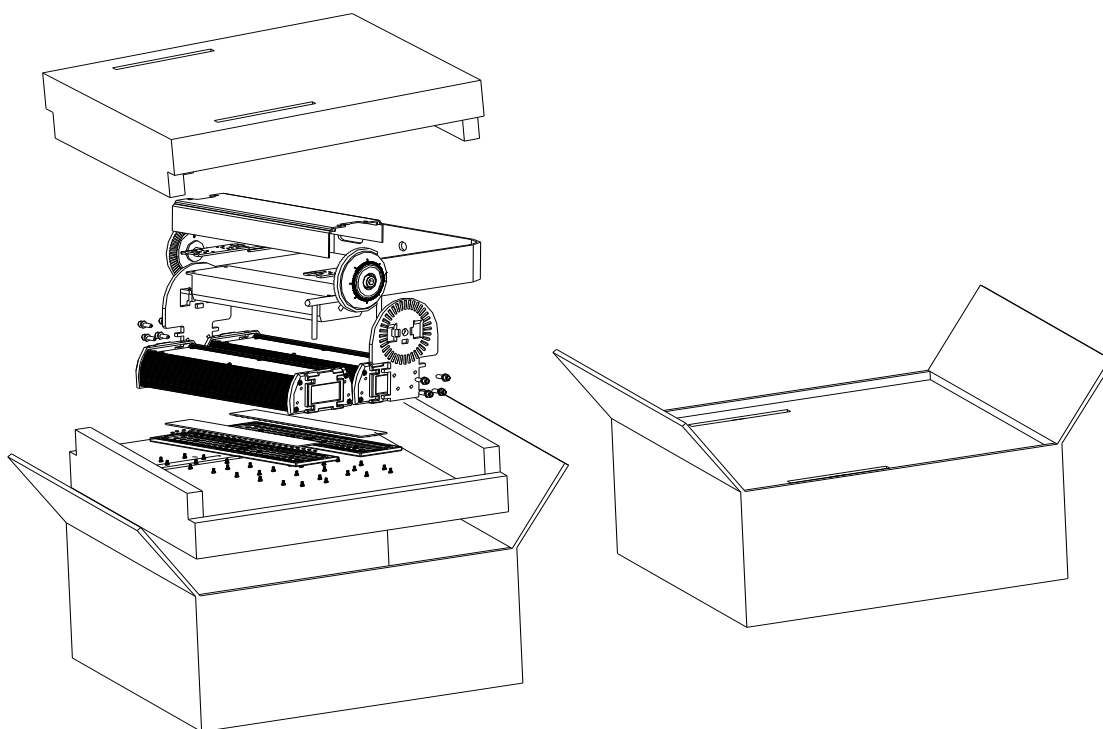
Viewing angle options: 15°, 25°, 40°, 60°, 75°, 90°, 120°, 30° x70°, 136° x78°, 49° x21°

Darkoo lens patented, no patent risk globally



SKD-571 serials LED Module Packing

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



7

SKD-571 serials LED Module Constant Current Driver Option

Product	Power rated(W)	I(mA)	V(V)	Driver Quantity	LED driver recommendations
SKD-571-60W	60W	1400	42	1	Philips: Xitanium 65W 1.2-2.3A AOC 230V I150 Sosen: SS-75VH-56B
SKD-571-120W	120W	2800	42	1	Philips: Xitanium 150W 2.45-4.9A AOC 230V I175 Sosen: SS-150VH-56B
SKD-571-180W	180W	4200	42	1	Philips: Xitanium 200W 2.8-5.6A AOC 230V I1200 Sosen: SS-200VH-56B
SKD-571-240W	240W	5600	42	1	Philips: Xitanium 240W 3.6-6.7A AOC 230V I1240 Sosen: SS-240VH-56B
SKD-571-360W	360W	4200	42	2	Philips: Xitanium 200W 2.8-5.6A AOC 230V I1200(2 只) Sosen: SS-200VH-56B (2pcs)
SKD-571-480W	480W	5600	42	2	Philips: Xitanium 240W 3.6-6.7A AOC 230V I1240(2 只) Sosen: SS-240VH-56B (2pcs)

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

