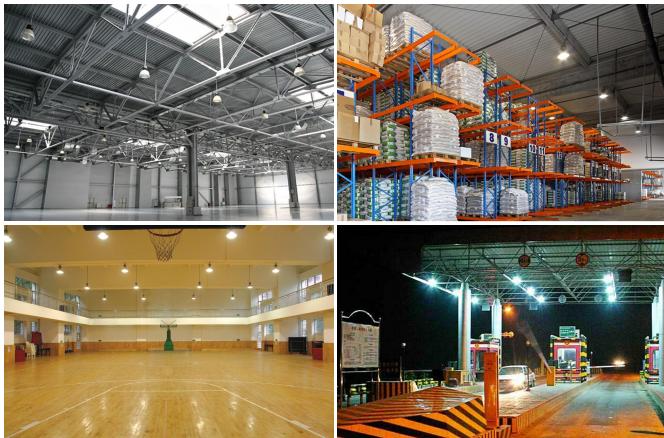
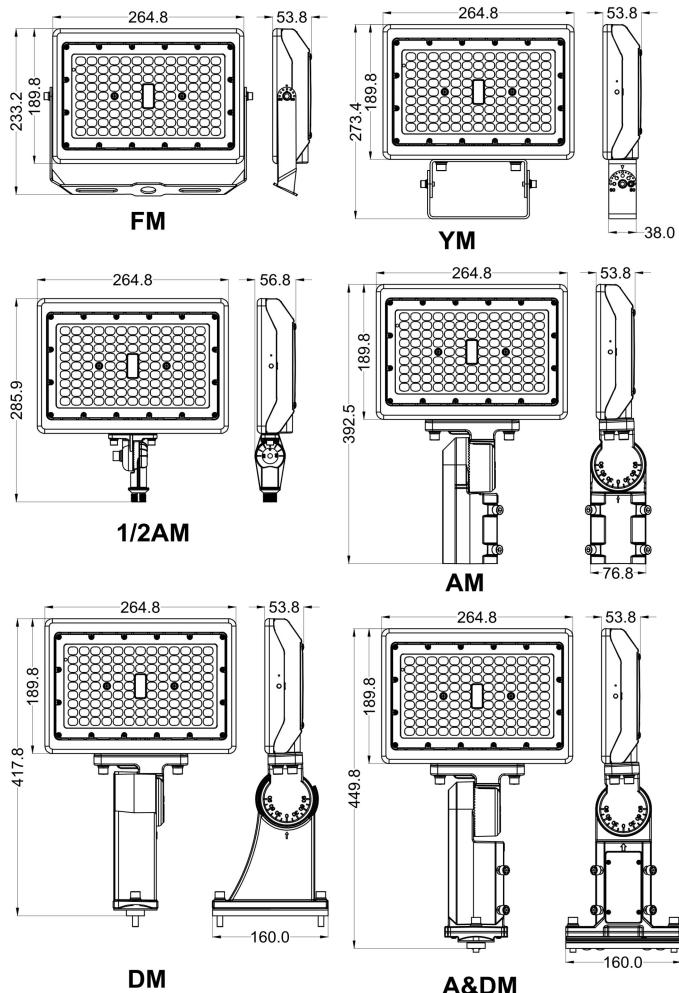


ITEM#2022



DIMENSIONS



LED KING LIGHTING DISTRIBUTION
 E-mail: sales@ledkingtx.com
 www.ledkingtx.com

P/N: AST-FL06-90WCH8A1-abcde

Note:

FL06 = Product series, LED Flood Light

90W = Rating Power

C = LED manufacturer, C= Seoul 3030

H8 = Diffuser light angle type, H8=7H6V

A1 = Version number

“a” can be any two letters for lamp colors;

“b” can be “3RP”, “3NP”, “5RP”, “5NP”, “7RP” or “7NP” or blank for photocontrol provided or not;

“c” can be “10SP”, “20SP” or blank for Surge protector provided or not;

“d” can be “1/2AM”, “YM”, “FM”, “AM”, “DM”, “A & DM” for bracket type;

“e” can be any two digits for CCT.

40=4000K, 45=4500K, 50=5000K, 57=5700K

ADVANTAGE

- UL cUL DLC certificate.
- IP65 driver, input voltage 120-277VAC.
- No UV or IR in the beam.
- Easy to install and operate.
- Energy saving, long lifespan.
- Light is soft and uniform, safe to eyes.
- Instant start, NO flickering, NO humming.
- Green and eco-friendly without mercury.

APPLICATION

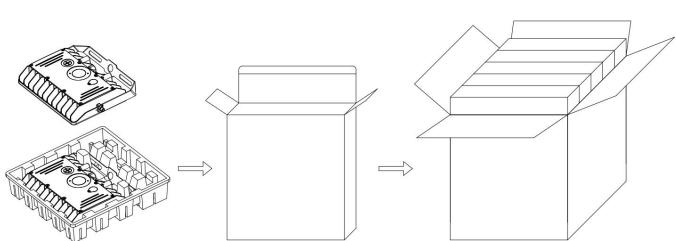
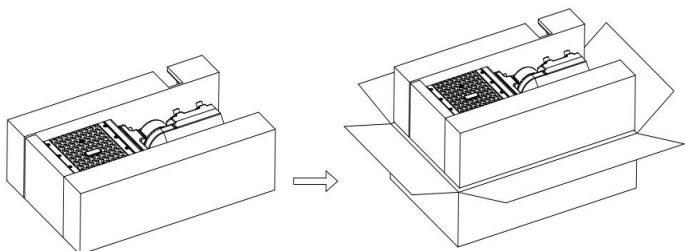
- Outdoor basketball court, tennis court.
- Badminton court, the football field.
- The school playground, stadium.
- Community leisure entertainment plaza,
- Warehouse, factory and workshops;
- Highway toll station;
- Meeting room, exhibition hall;
- Gymnasium and supermarkets, etc.

SPECIFICATIONS

| | | |
|-------------------|-----------------------|-------------------------------------|
| OPTICAL | Input Power | 90W |
| | Cover | LENS |
| | Lumen | 11250-12600LM |
| | Viewing Angle | 7H6V |
| | Color Temperature | 4000K, 4500K, 5000K, 5700K |
| | CRI | >80 |
| ELECTRICAL | Input Voltage | 120-277VAC 50/60Hz |
| | PF | ≥0.9 |
| | THD | ≤20% |
| | Driver Model | China Brand Driver(1-10Vdc Dimmer) |
| | Optional Accessory | Photocell/Surge protector |
| MATERIALS | LED Type | SMD3030 (1W) |
| | LED Brand | Seoul |
| | LED QTY | 112PCS |
| | Housing | Aluminum Alloy |
| | Housing Color | Any Colors |
| | Waterproof Rating | WET (IP65) |
| OTHERS | Operating Temperature | -40°C TO 50°C |
| | Operating Humidity | 10%-90% RH |
| | Storage Temperature | -40°C TO 80°C |
| | Storage Humidity | 10%-95% RH |
| | Warranty Time | 5 Years |

PACKAGE

| | | FM | YM | 1/2 AM | FM | YM | 1/2 AM | AM | DM | A&DM | | | |
|------------------|---------------|----------------|--------|--------|--------------------|--------|--------|---------------|-------|-------|--|--|--|
| Lamps Net Weight | | 2.6kg | 2.8kg | 2.5kg | 3.0kg | 3.2kg | 2.9kg | 3.9kg | 4.2kg | 4.6kg | | | |
| Inner box | size | 342*325*75mm | | | 355*335*135mm | | | / | | | | | |
| | Qty/ Carton | 1 PCS | | | 1 PCS (Photocell) | | | | | | | | |
| | Weight/Carton | 2.9kg | 3.1kg | 2.8kg | 3.4kg | 3.6kg | 3.3kg | | | | | | |
| Outer box | size | 394*338*362 mm | | | 695*370*355 mm | | | 485*315*150mm | | | | | |
| | Qty/ Carton | 5 PCS | | | 5 PCS (Photocell) | | | 1PCS | | | | | |
| | Weight/Carton | 15.3kg | 16.3kg | 14.8kg | 17.8kg | 18.8kg | 17.3kg | 4.6kg | 4.9kg | 5.3kg | | | |


FM / YM / 1/2 AM

AM / DM / A&DM

LIGHT DISTRIBUTION TESTING PARAMETERS

Luminaire Property

Luminaire Manufacturer:

Voltage: 119.9 V

Power: 94.29 W

Current: 0.7881 A

Power Factor: 0.997

Photometric Results

IES Classification: Type I

Total Rated Lamp Lumens: 12651.0 lm

Efficiency: 100%

Upward Ratio: 1%

Central Intensity: 4842.17 cd

Pos of Max. Intensity: H270 V9

Longitudinal Classification: Very Short

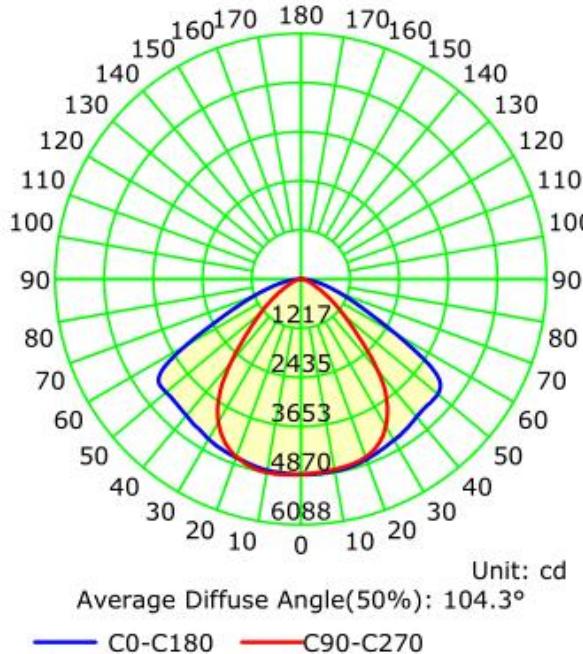
Measurement Flux: 12651 fm

Downward Ratio: 99%

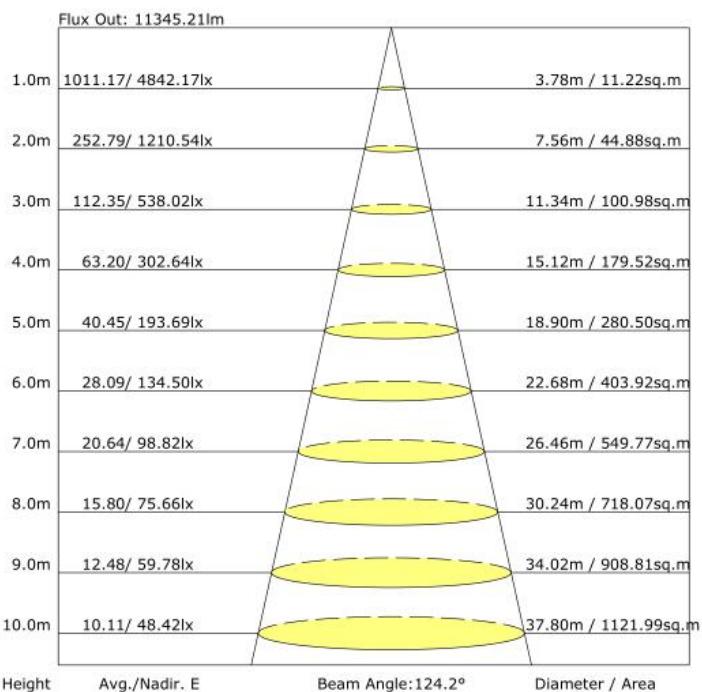
Luminaire Efficacy Rating (LER): 134.17

Max. Intensity: 4870.69 cd

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



NOTICE FOR USER

- Please turn off power before install or change assembly parts.
- The input voltage and lamps should be matched, after connecting the power line, Please make sure the wiring section is insulated.
- No-professionals, must not install and disassemble the lamps.

TROUBLE SHOOTINGS

| Troubles | Check points |
|-------------------------|--|
| Flickering of the light | Turn off the power and turn on again in 3 minutes. If same phenomena occur, then call agencies. |
| Out of working | Please check the connection. |