TYPE D

TYPE C

NAME: LED Flood Light

P/N: S-G04-100WAT3A1-aaK[all colors][P;Blank][S;Blank][C;D]

Note: "aa" in P/N represents CCT, can be 40,50,57.

      [all colors]:Lamp Body Color

      [P;Blank]: Photocell or none

   [S;Blank]: Surge protector or none

      [C;D]:Bracket Type.

Advantage：

- ➢ UL cUL DLC certificate
- ➢ LUMILEDS Chip, high CRI
- ➢ IP65 driver,input voltage 100-277VAC
- ➢ 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：

- ➢ Factory floor, libraries, square, park;
- ➢ Supermarkets, railway stations;
- ➢ Advertising lighting, etc.

303
79
312
448
TYPE C

303
102
312
336
TYPE D
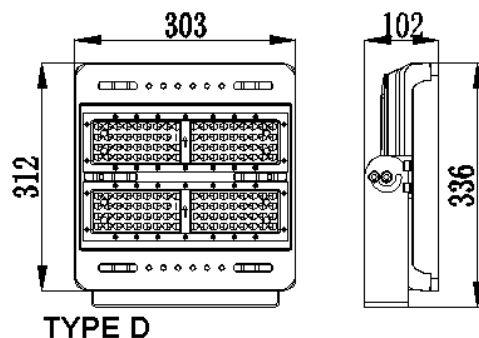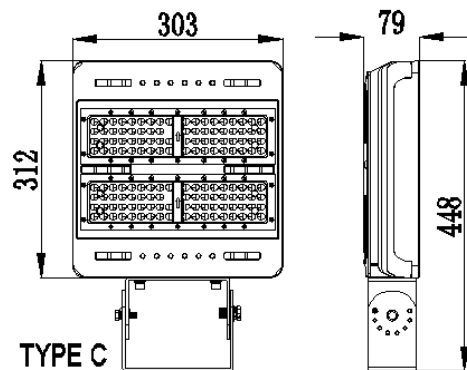
Product Specifications

Product Name	LED Flood Light	
Light Type	S-G04-100WAT3A1	
Stent type	TYPE C	TYPE D
Dimension	448*303*79mm	336*303*102mm

Technical Characteristic

Color temperature	4000K、5000K、5700K
CRI	>70
Lumen	12000-12800 LM
Lumen Efficacy	122-130 LM/W
Input Power	100W
Viewing Angle	150*85 Degree（Type Ⅲ）
Input Voltage	100-277V　50/60Hz
Driver model	China Brand Driver
PF	>0.9
Waterproof Rating	IP65

Materials

LED Brand	LUMILEDS
LED Type	LUXEON 3030 2D（1.5W）
LED QTY	112PCS
Housing	Aluminum Alloy
Housing color	Black or Other Color
Optional Accessory	Photocell / Surge protector
Operating Temperature	-40℃　TO　45℃
Operating Humidity	10％-90％　RH
Storage Temperature	-40℃　TO　80℃

Others

Storage Humidity	10％-95％
Application	Outdoor
Safety Certification	UL、cUL、DLC
Warranty Time	5 Years

Light Distribution Testing Parameters

DATA OF LAMP			PHOTOMETRIC DATA		Eff: 125.52 lm/W	
MODEL			Imax(cd)	5324	S/MH(C0/180)	1.64
NOMINAL POWER(W)	100		LOR(%)	100.0	S/MH(C90/270)	0.80
RATED VOLTAGE(V)	120		TOTAL FLUX(lm)	12292	η UP,DN(C0-180)	0.1,66.1
NOMINAL FLUX(lm)	12292.3		CIE CLASS	DIRECT	η UP,DN(C180-360)	0.1,33.7
LAMPS INSIDE	1		η up(%)	0.2	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120.0		η down(%)	99.8	CIBSE SHR MAX	1.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

UNIT:cd
C0/180, 77.0,76.3
C90/270, 25.0,59.8

AVERAGE BEAM ANGLE(50%):119.1 DEG

Flux out:4960 lm
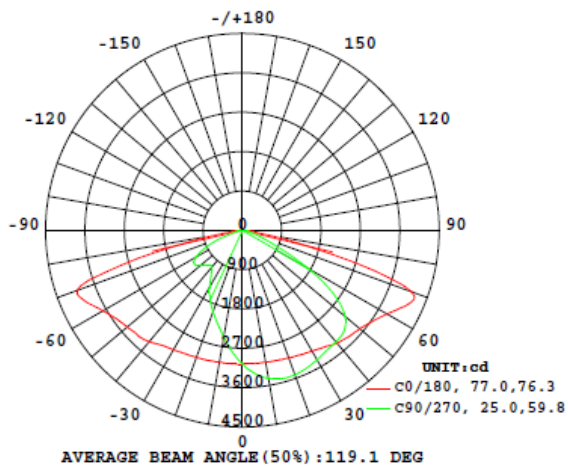
| Height		Eavg,Emax	Angle:87.86deg	Diameter
3.281ft	157.3,305.3fc			6.321ft
1m	1693,32861x			192.66cm
6.562ft	39.32,76.32fc			12.64ft
2m	423.3,821.51x			385.33cm
9.843ft	17.48,33.92fc			18.96ft
3m	188.1,365.11x			577.99cm
13.12ft	9.831,19.08fc			25.28ft
4m	105.8,205.41x			770.66cm
16.4ft	6.292,12.21fc			31.61ft
5m	67.72,131.41x			963.32cm
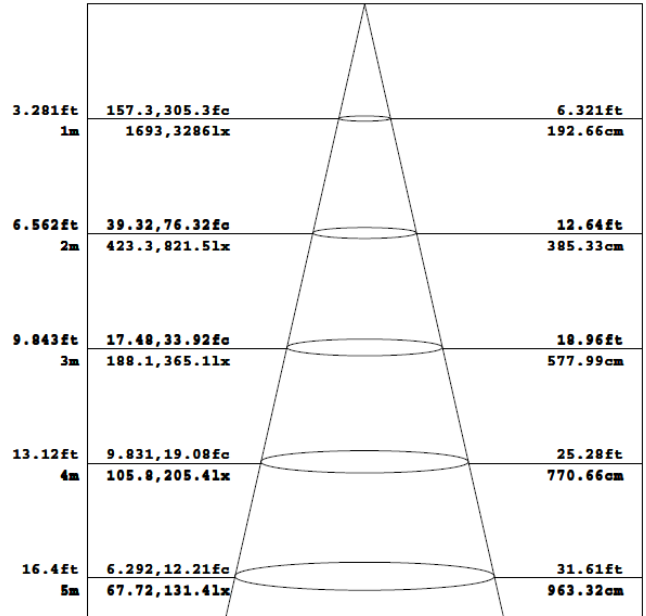
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

Package

Stent type	Lamps Net Weight	Size	Qty/Carton	Weight/Carton
TYPE C	5.7 KG	560X360X155MM	1	6.7 KG
TYPE D	5.6 KG	395X360X155MM	1	6.5 KG
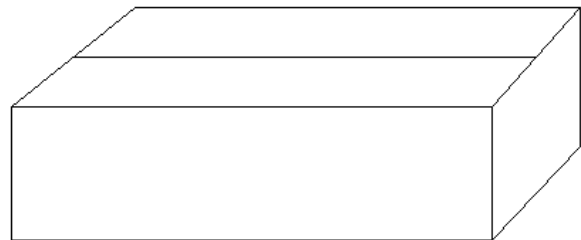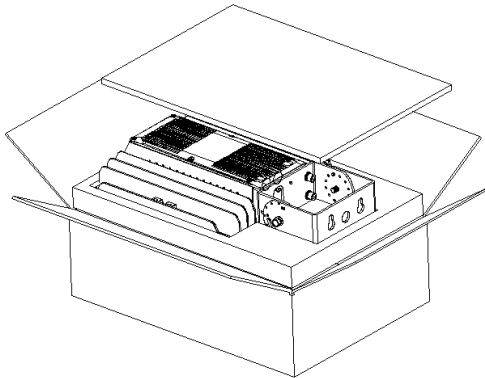
Notice For User

◆ 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.