Type C

Type A

Type B

NAME: LED Flood Light

P/N: LF4506-15WXYB1-aaK

Note：aa in P/N represent CCT，can be 30,40,50

4.33

5.35

1.5
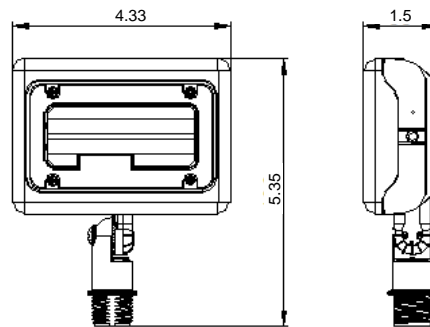
Advantages：

➢ UL cUL certificate
➢ Seoul Semiconductor Chip, high CRI
➢ Input voltage 100-277Vac
➢ No UV or IR in the beam
➢ Easy to install and operate
➢ Energy saving, Long lifespan
➢ Instant start, NO flickering, NO humming
➢ Green and eco-friendly without mercury.

4.33

4.65

1.5
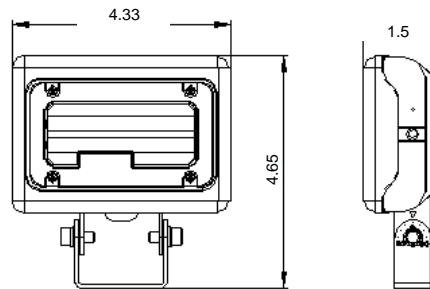
Application：

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

4.76

4.69

1.5
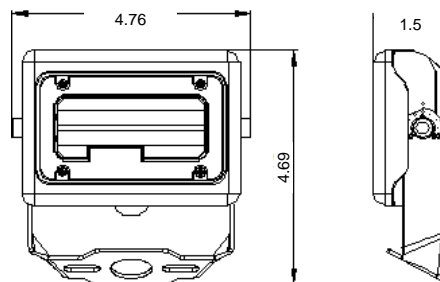
TECHNICAL DATA SHEET

Product Specifications

Product name	LED Flood Light
Part No	LF4506-15WXYB1-aaK
Dimension	Type A：5.35*4.33*1.5 in.
	Type B：4.65*4.33*1.5 in.
	Type C：4.69*4.76*1.5 in.

Technical Characteristic

Color temperature	3000K/4000K/5000K
CRI	>80
Lumen	1650 - 1730 LM
Input Power	15W
Beam Angle(10%)	150°
Beam Angle(50%)	110°
Input Voltage	100-277Vac 50/60Hz
PF	>0.9
Waterproof Rating	WET (IP65)

Materials

LED Brand	SEOUL SEMICONDUCTOR
LED Type	Acrich MJT- 3030
LED QTY	24PCS
Housing	Aluminum +PC+Steel
Housing color	Black、Brown

Others

Operating Temperature	-20℃ TO 45℃
Operating Humidity	20％-90％ RH
Storage Temperature	-30℃ TO 80℃
Storage Humidity	10％-95％
Application	Outdoor / Indoor
Safety Certification	UL、cUL
Warranty Time	5 Years

Light Distribution Testing Parameters

Luminaire Property

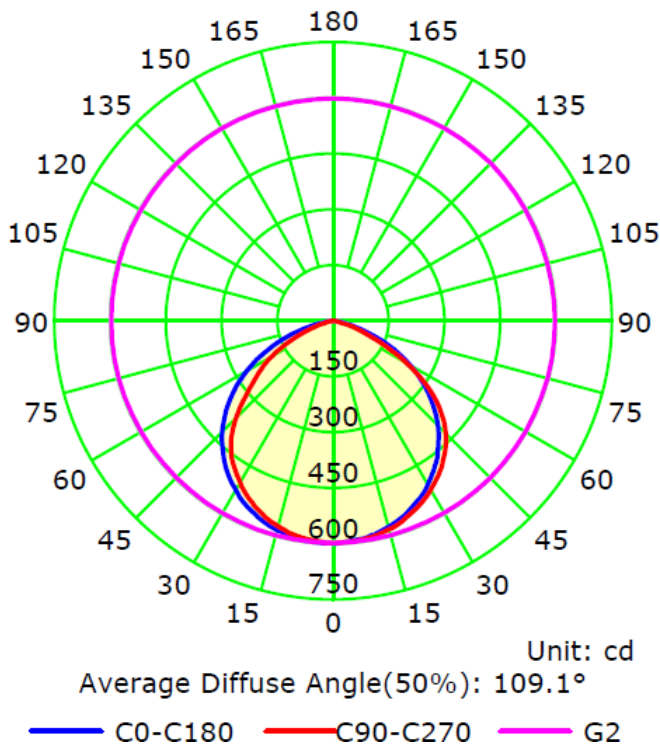Luminaire Manufacturer: LED Trail
Voltage: 120 V
Power: 14.45 W

Current: 0.1227 A
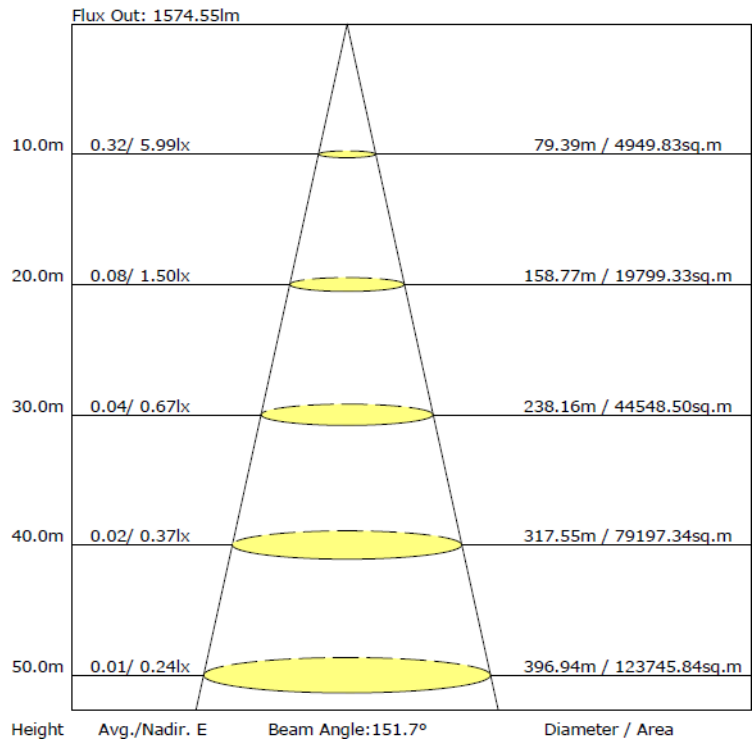Power Factor: 0.9812

Photometric Results

IES Classification: Type II
Total Rated Lamp Lumens: 1592.3 lm
Efficiency: 100%
Upward Ratio: 0%
Central Intensity: 598.72 cd
Pos of Max. Intensity: H135 V2

Longitudinal Classification: Very Short
Measurement Flux: 1592.3 lm
Downward Ratio: 100%
Luminaire Efficacy Rating (LER): 110.19
Max. Intensity: 600.35 cd

Luminous Intensity Distribution Curve

180
165 165
150 150
135 135
120 120
105 105
90 90
75 75
60 60
45 45
30 30
15 15
0

150
300
450
600
750

Unit: cd

Average Diffuse Angle(50%): 109.1°

—— C0-C180   —— C90-C270   —— G2

The Average Illuminance Effective Figure

Flux Out: 1574.55lm

Height	Avg./Nadir. E	Diameter / Area
10.0m	0.32/ 5.99lx	79.39m / 4949.83sq.m
20.0m	0.08/ 1.50lx	158.77m / 19799.33sq.m
30.0m	0.04/ 0.67lx	238.16m / 44548.50sq.m
40.0m	0.02/ 0.37lx	317.55m / 79197.34sq.m
50.0m	0.01/ 0.24lx	396.94m / 123745.84sq.m

Beam Angle:151.7°

Package

		Type A	Type B	Type C
Lamps Net Weight		0.88 lbs.	0.95 lbs.	1.1 lbs.
Inner box	size	7.3*6.1*2.4 in.		
	Qty/ Carton	1 PCS		
	Weight/ Carton	1.1 lbs.	1.2 lbs.	1.3 lbs.
Outer box	size	15.2*12.8*10.8in.		
	Qty/ Carton	16 PCS		
	Weight/ Carton	20.3 lbs.	21.4 lbs.	23.1 lbs.
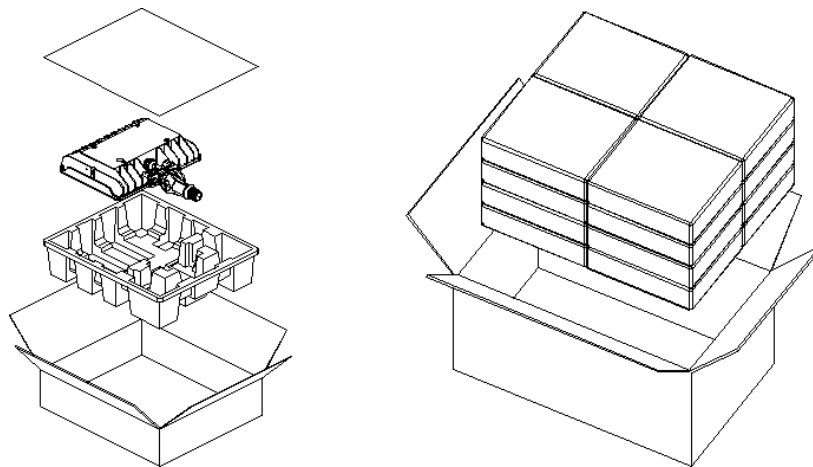
User Notice

◆ Please turn off power before installing or changing assembly parts.
◆ The input voltage and the lamp's should matched. After connecting the power line, please make sure the wiring section is insulated.
◆ Non-professionals must not install or disassemble the lamps.

Trouble Shooting

Troubles	Check points
Flickering	Turn off the power and turn on again in 3 minutes. If same phenomena occurs, then call your dealer
Not working	Please check the connection