Apex Lighting

235mm (9.251 in.)

361mm (14.212 in.)

223.4 (8.795 in.)

GENERAL DESCRIPTION
• Widely used for outdoor commercial general lighitng purpose.
• Replace 175-250 MH or HID Fixtures.
• Polycarbonate optical lens with UV stabilizer.
• Light weight and designed to be instal-friendly for US standards.
• Optional for photocell and 347 VAC can be customized.
• 6 Year Warranty.

Technical Data

CRI	>80
Beam Angle	140°
Operation Temp.	- 30°C ~ 60°C
Lifespan	50,000 Hours
Waterproof Rating	Wet Location
Lumen per watt	> 90 lm/w

ORDERING INFORMATION

Model #	CCT	Voltage	Wattage	Lumen
AL-LEDFCUWP45W50K	5000K	120– 277VAC	45W	4900Lm
AL-LEDFCUWP70W50K	5000K	120 – 277VAC	70W	7350Lm
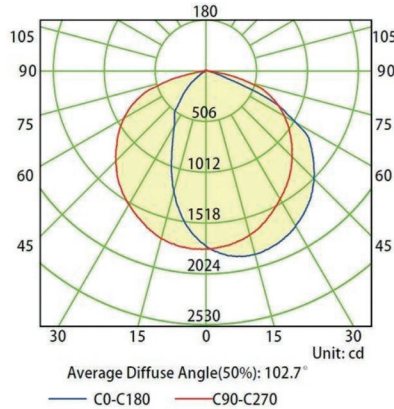
LIGHTING UP THE WORLD
WITH ONE BULB AT A TIME!

Apex Lighting

PHOTOMETRIC

Luminous Intensity Distribution Curve

45W Wall Pack ➡

Average Diffuse Angle(50%): 102.7°
— C0-C180   — C90-C270

Illuminance at a Distance

Dist(m)	Enadir(lx)
1.0	1746.17
2.0	436.54
3.0	194.02
4.0	109.14
5.0	69.85
6.0	48.50
7.0	35.64
8.0	27.28
9.0	21.56
10.0	17.46

Beam Angle(B): H82.7 V122.7 Field Angle(F): H122.0 V158.7

Luminous Intensity Distribution Curve

Average Diffuse Angle(50%): 103.0°
— C0-C180   — C90-C270
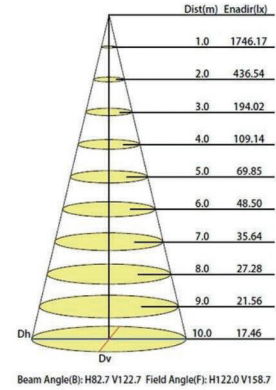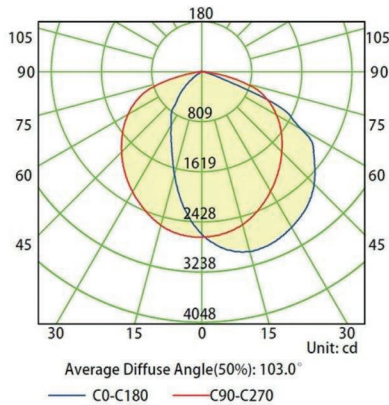
Illuminance at a Distance

70W Wall Pack ⬅

| Dist(m)	Enadir(lx)
1.0	2621.43
2.0	655.36
3.0	291.27
4.0	163.84
5.0	104.86
6.0	72.82
7.0	53.50
8.0	40.96
9.0	32.36
10.0	26.21

Beam Angle(B): H83.1 V123.0 Field Angle(F): H122.2 V161.0
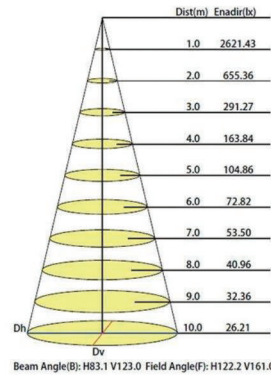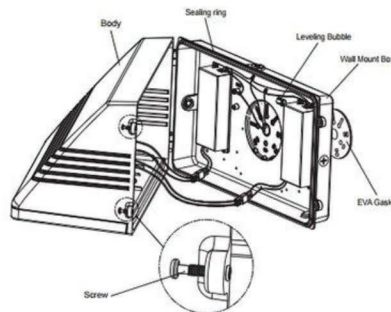
INSTALLATION

1、 Junction box Mounting

1. Loosen screws and remove the front lens set carefully from the back plate.
2. Drill appropriate knockouts (B) for wiring, the fixture supports standard 3 1/4" and 4"Junction box.
3. Attach the back plate on the wall, use the supplied gaskets for a weather tight seal.
4. Finish wiring (Black for Line, White for Neutral and Yellow Green for Ground).
5. Replace the lens set on the hinges, make connections and close the lens set then tighten the screws.
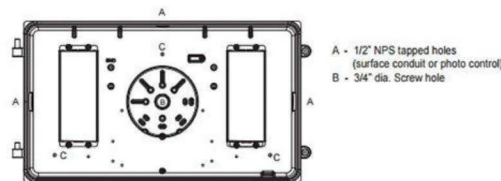
2、 Conduit Mounting

1. Loosen screws and remove the front lens set carefully from the back plate.
2. Remove 1/2" plug from where you intend to feed conduit .
3. Drilling out the holes (C) to secure it on the wall with choosing proper screws.
4. Finish wiring (Black for Line, White for Neutral and Yellow Green for Ground).
5. Replace the lens set on the hinges, make connections and close the lens set then tighten the screws.

A - 1/2" NPS tapped holes (surface conduit or photo control)
B - 3/4" dia. Screw hole

Body
Sealing ring
Leveling Bubble
Wall Mount Box
EVA Gasket
Screw

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