

FLOOD LIGHT-10W



SECTION 1: GENERAL DESCRIPTION (FIXTURE AND DRIVER)

Model Number:	VOL-FL-010-CW
Voltage:	85-277V
Power:	10W
Base Material:	Aluminum
Light Output:	1000 Lumens
Beam Angle:	120 Degrees
Correlated Colour Temperature (CCT):	5500- 6700K Cool White
Fixture Lifespan:	50,000 Hours (10+ years at 12 hours per day)
IP Rating:	65
Dimensions:	135x115x35mm
Weight:	0.8 kg

SECTION 2: CERTIFICATIONS MET

- 1) UL Listing : Underwriters Laboratory testing for dependable reliability and lifespan of fixture.
- 2) RoHS Certification: Restriction of Hazardous Substances- Ensuring no toxic chemicals or materials are used in the manufacture.
- 3) CE Certification: Conformity European, Ensuring that this product can be within the strictest standards of Europe.

SECTION 3: LIGHT SOURCE DESCRIPTION (LED CHIP)

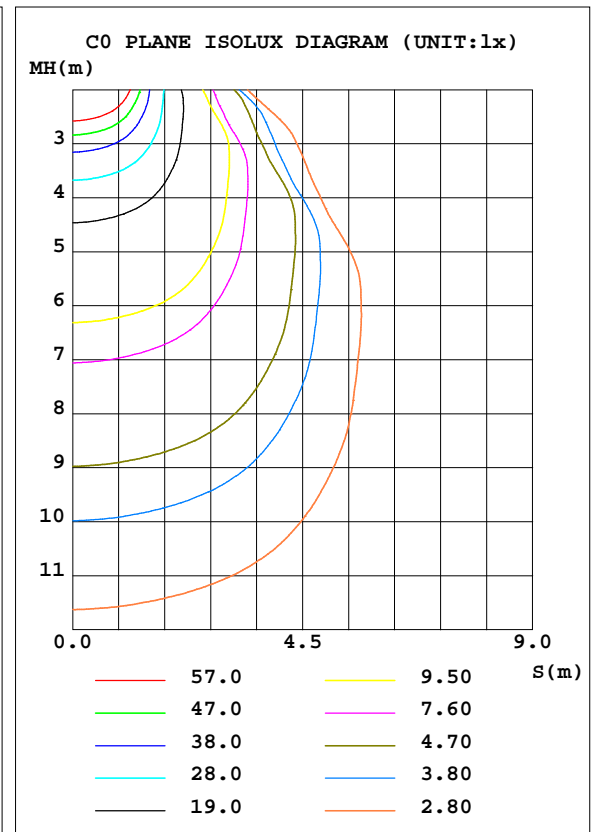
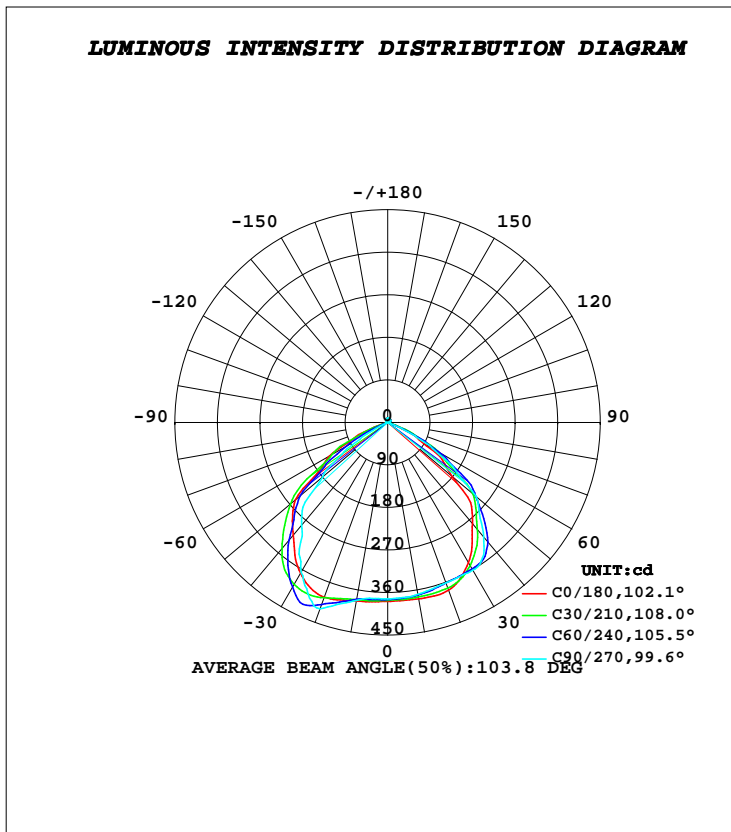
LED Shape:	COB
Number of LEDs:	1
LED TYPE:	EPISTAR

SECTION 4: COMPARABLE OLDER LIGHT SOURCE

40W Metal Halide Flood	10W Flood Fixture
40 Watts Power	10 Watts Power
8,000 Hour Lifespan	50,000 Hour Lifespan
Carries no warranty	Carries 2 year warranty
Contains deadly mercury gas	RoHS certified for no toxic components
Does not function well in cold environments	Works perfectly down to -20°C

LUMINAIRE PHOTOMETRIC TEST REPORT

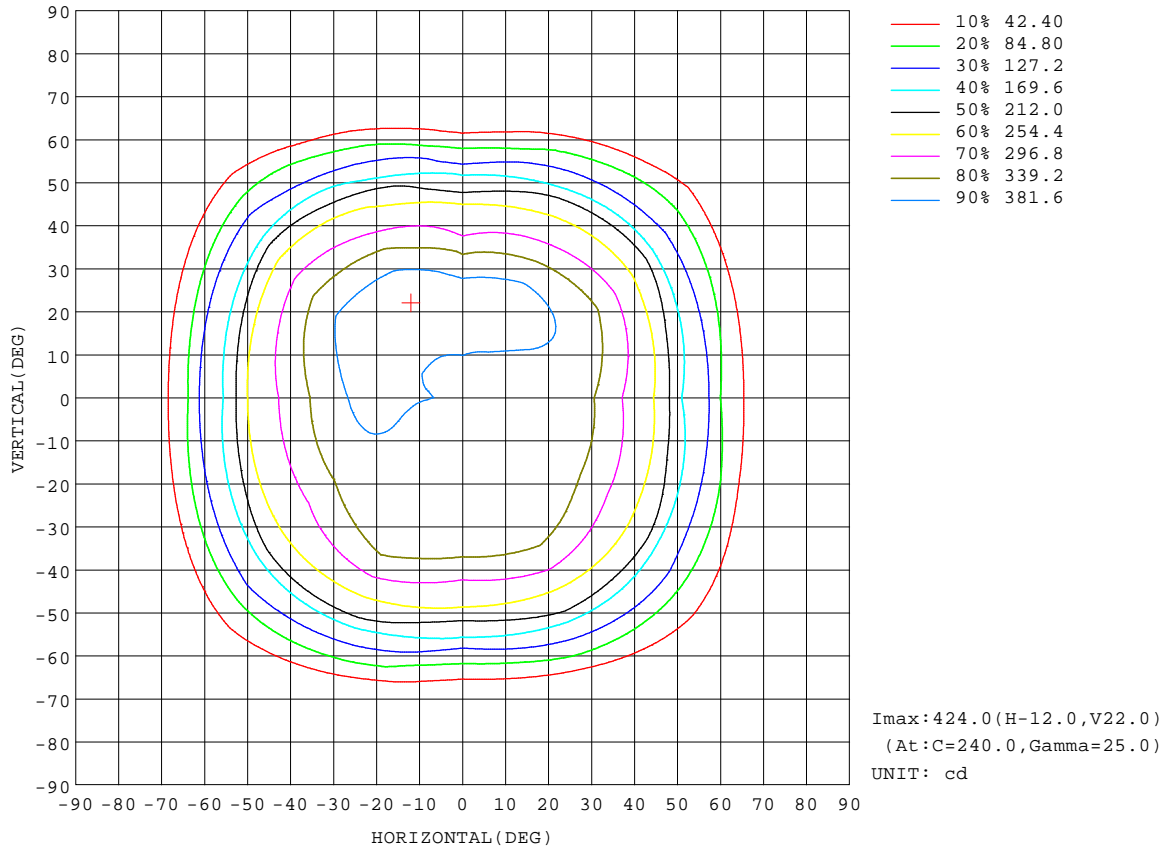
DATA OF LAMP		PHOTOMETRIC DATA Eff: 102.66 lm/W			
MODEL	CET-111 10W	Imax(cd)	424.5	S/MH(C0/180)	1.31
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	1.44
RATED VOLTAGE(V)	220.6	TOTAL FLUX(lm)	1099.078	η UP,DN(C0-180)	1.4,48.5
NOMINAL FLUX(lm)	1099.078	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.6,48.5
LAMPS INSIDE	1	η up(%)	3.0	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	220.6	η down(%)	97.0	CIBSE SHR MAX	1.50



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2017-07-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.267
 Humidity:65.0%
 Test Distance:8.000m [K=0.8000]
 Remarks:

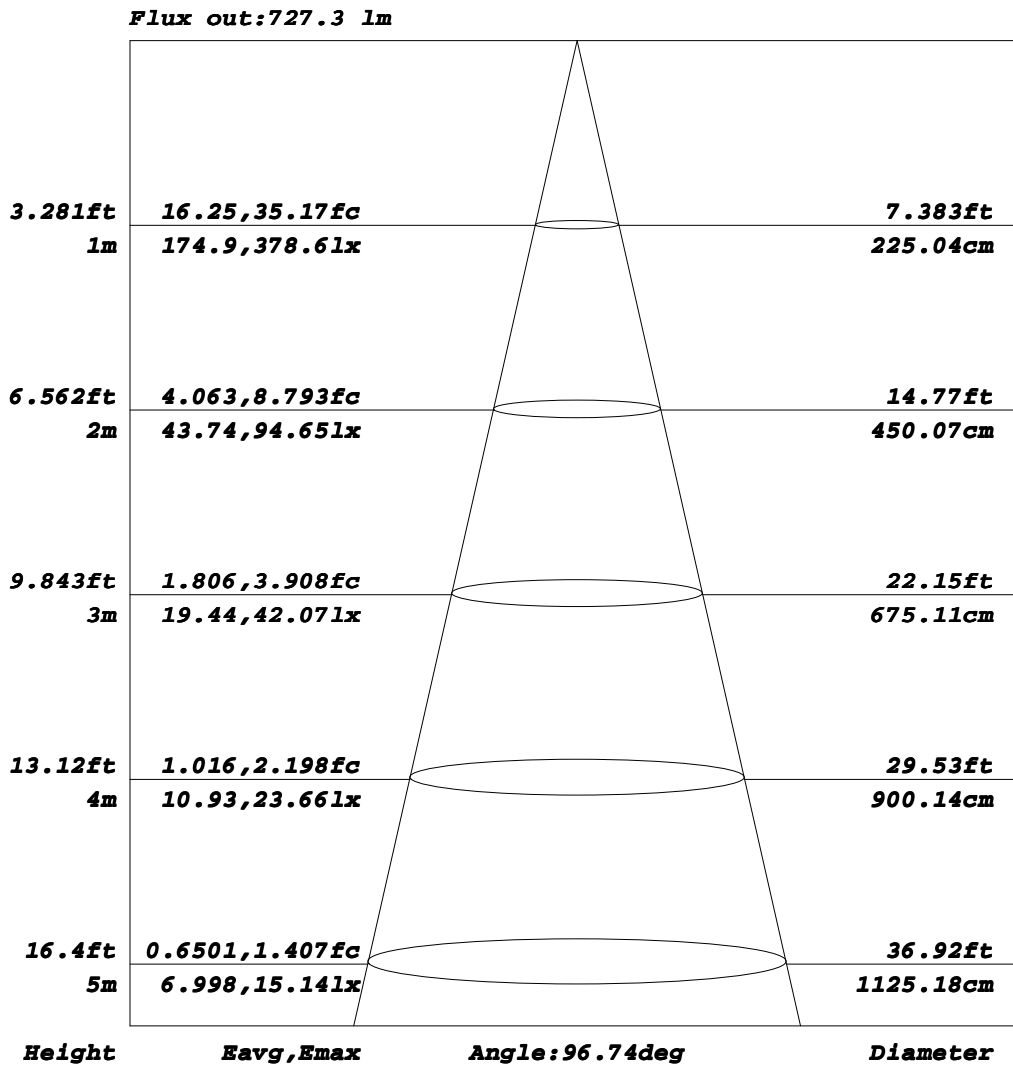
ISOCANDELA DIAGRAM



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Remarks:

AAI Figure

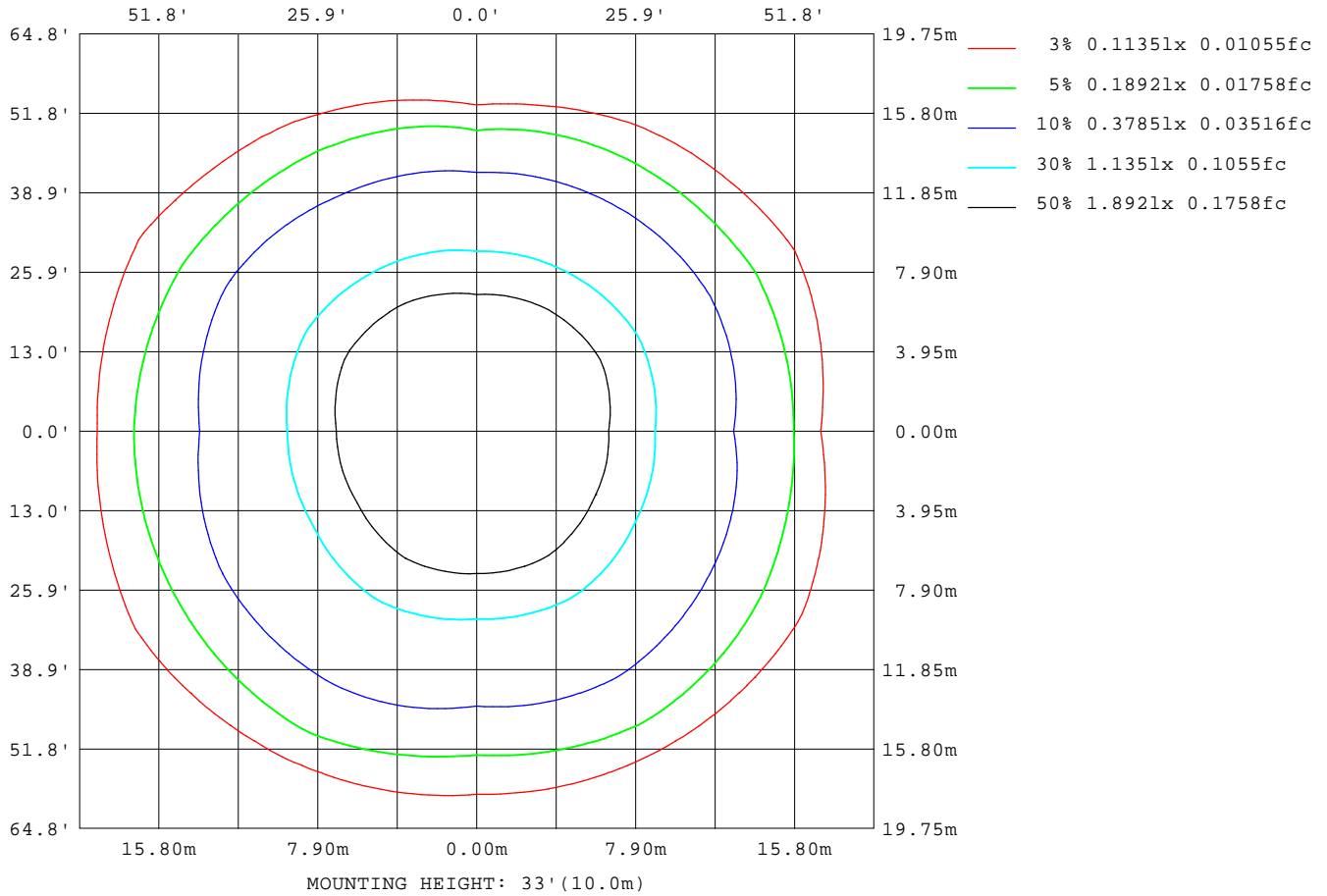


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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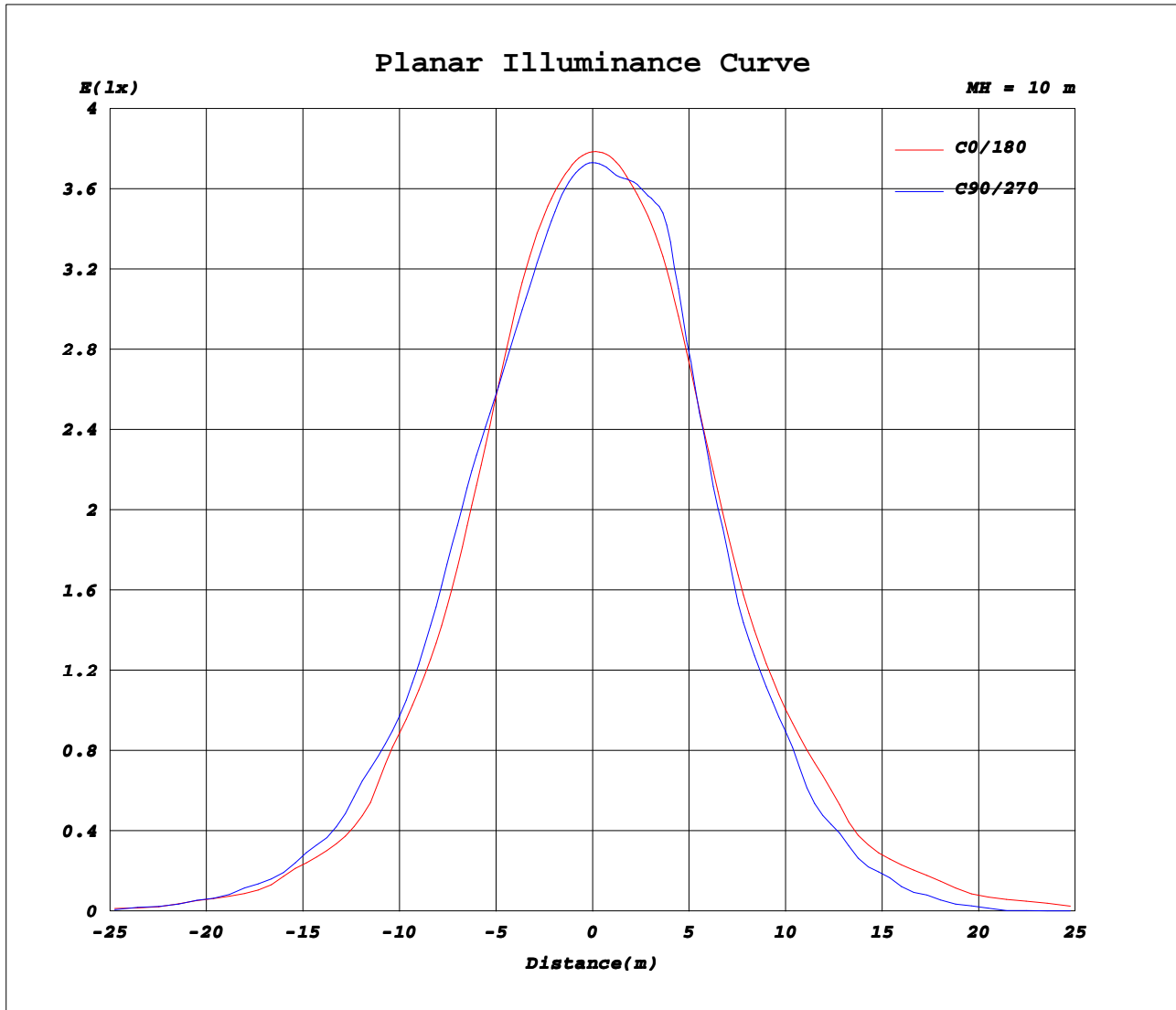
ISOLUX DIAGRAM



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C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2017-07-19

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.267
Humidity: 65.0%
Test Distance: 8.000m [K=0.8000]
Remarks:

Planar Illuminance Curve



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 Remarks: