

10W FLOOD LIGHT

VOL-FL-010-CW



SECTION 1: SPECIFICATIONS

POWER	10W
VOLTAGE	85-277V
BASE MATERIAL	ALUMINUM
LIGHT OUTPUT	1000 lm
BEAM ANGLE	120°
CCT	5500-6700K (CW)
FIXTURE LIFESPAN	50,000 HRS (10+ YEARS AT 12 HOURS PER DAY)
IP RATING	65
DIMENSIONS	135 x 115 x 35 mm
WEIGHT	0.8 KG

CERTIFICATIONS

RoHS
Compliant



SECTION 2: LIGHT SOURCE DESCRIPTION (LED CHIP)

LED SHAPE:	COB
NUMBER OF LEDS:	1
LED TYPE:	EPISTAR

SECTION 3: COMPARABLE OLDER LIGHT SOURCE

10W FLOOD FIXTURE

10 WATTS POWER

50,000 HOUR LIFESPAN

CARRIES 2 YEAR WARRANTY

RoHS CERTIFIED FOR NO TOXIC COMPONENTS

WORKS PERFECTLY DOWN TO -20° C

40W METAL HALIDE FLOOD

40 WATTS POWER

8,000 HOUR LIFESPAN

CARRIES NO WARRANTY

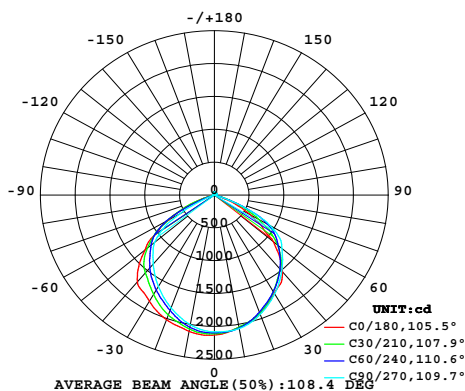
CONTAINS DEADLY MERCURY GAS

DOES NOT FUNCTION WELL IN COLD ENVIRONMENTS

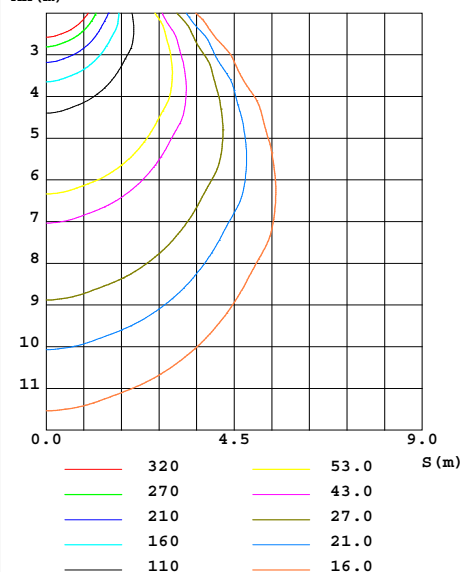
SECTION 4: LUMINAIRE PHOTOMETRIC TEST REPORT

DATA OF LAMP			PHOTOMETRIC DATA		
MODEL	C		Imax (cd)	2137	S/MH (C0/180)
NOMINAL POWER (W)	50		LOR (%)	100.0	S/MH (C90/270)
RATED VOLTAGE (V)	220.6		TOTAL FLUX (lm)	5219.294	η UP, DN (C0-180)
NOMINAL FLUX (lm)	5219.294		CIE CLASS	DIRECT	η UP, DN (C180-360)
LAMPS INSIDE	1		η up (%)	2.9	CIBSE SHR NOM
TEST VOLTAGE (V)	220.6		η down (%)	97.1	CIBSE SHR MAX

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



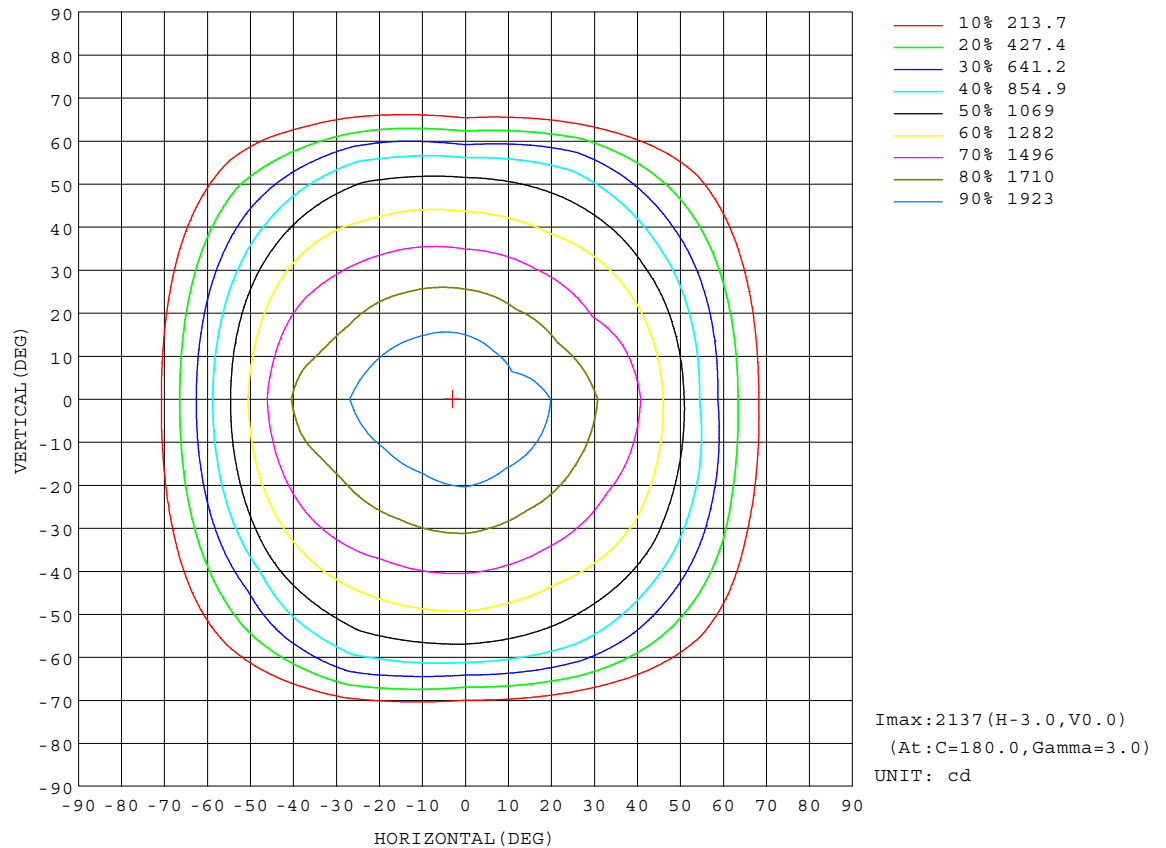
C0 PLANE ISOLUX DIAGRAM (UNIT: lx)



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=0.8125]
Remarks:

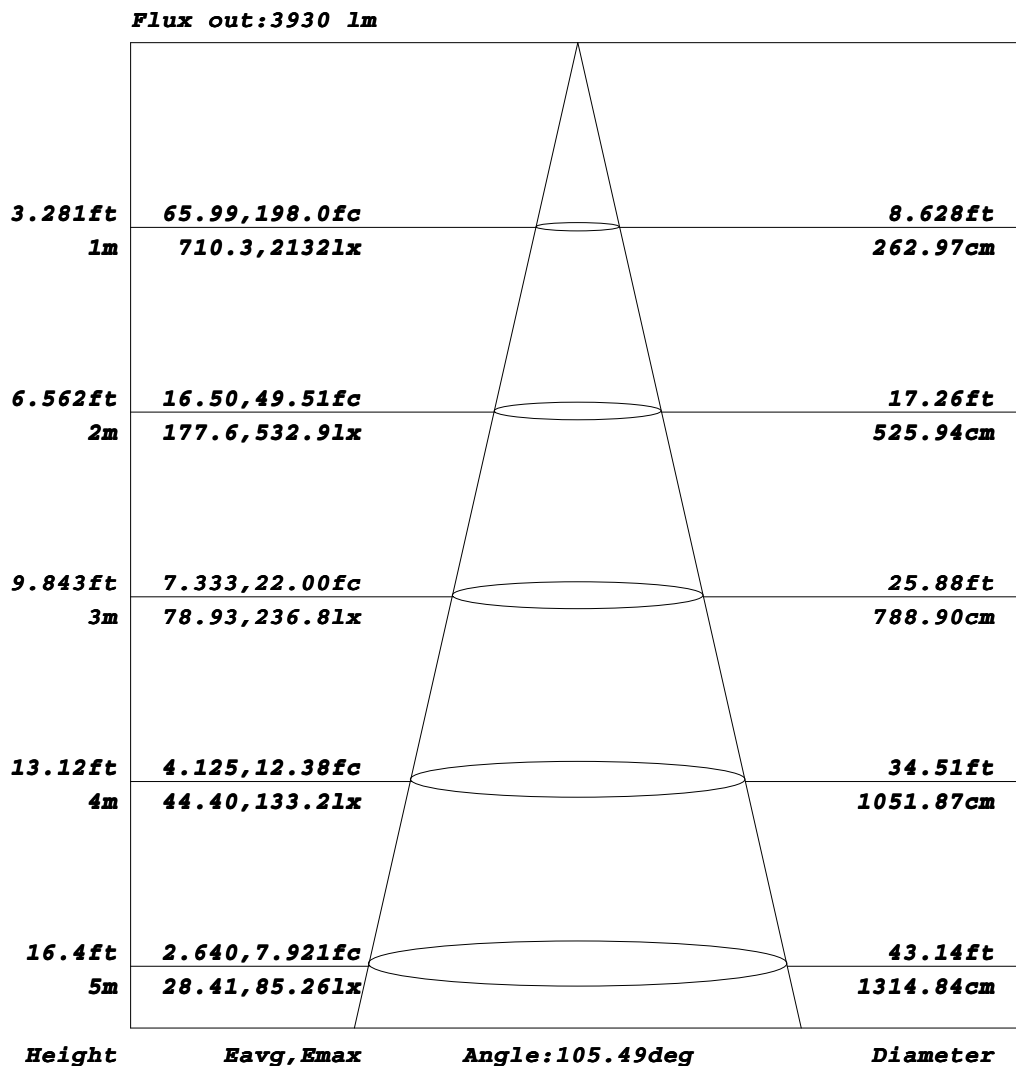
SECTION 5: ISOCANDELA DIAGRAM



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=0.8125]
Remarks:

SECTION 6: AAI FIGURE

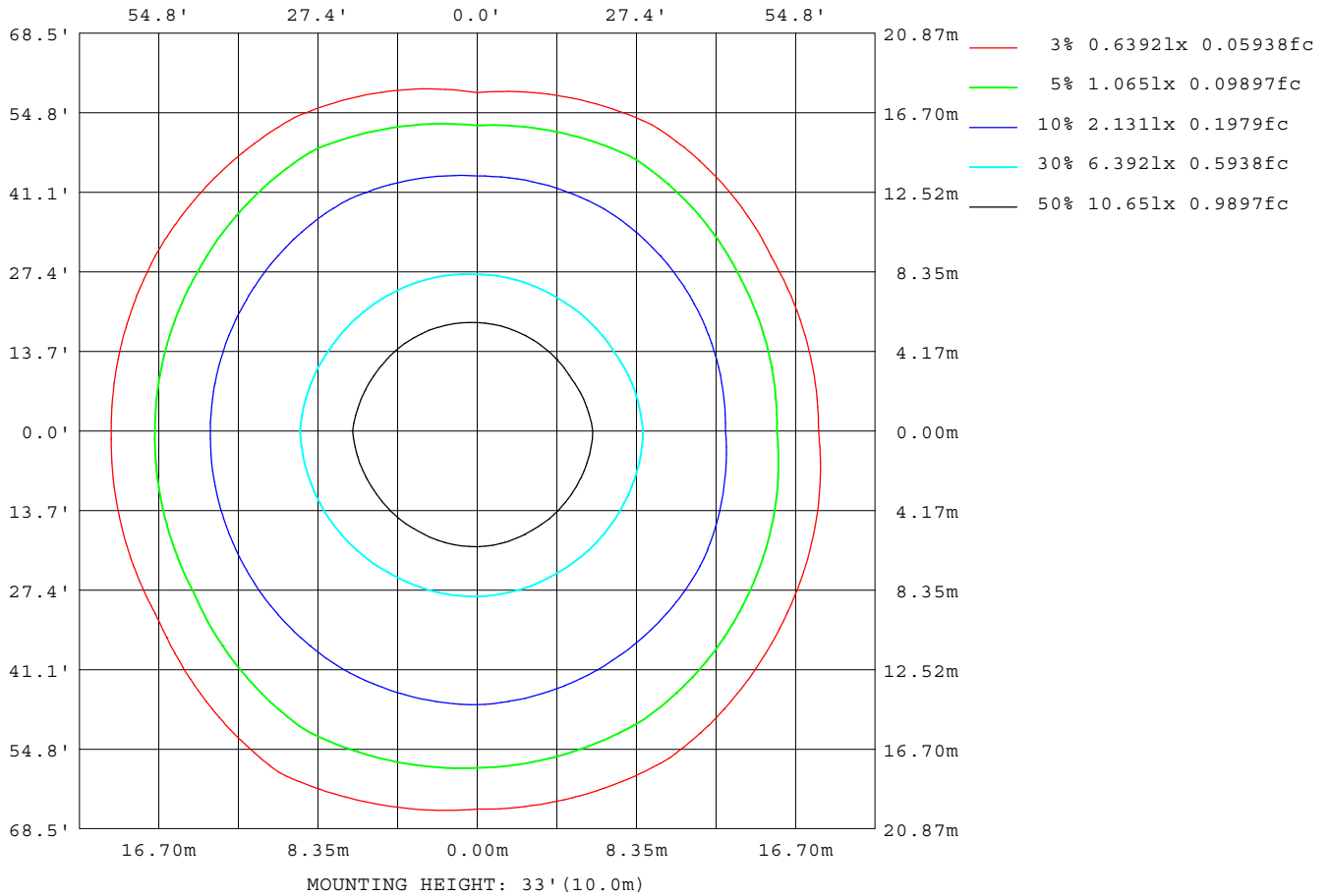


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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=0.8125]
Remarks:

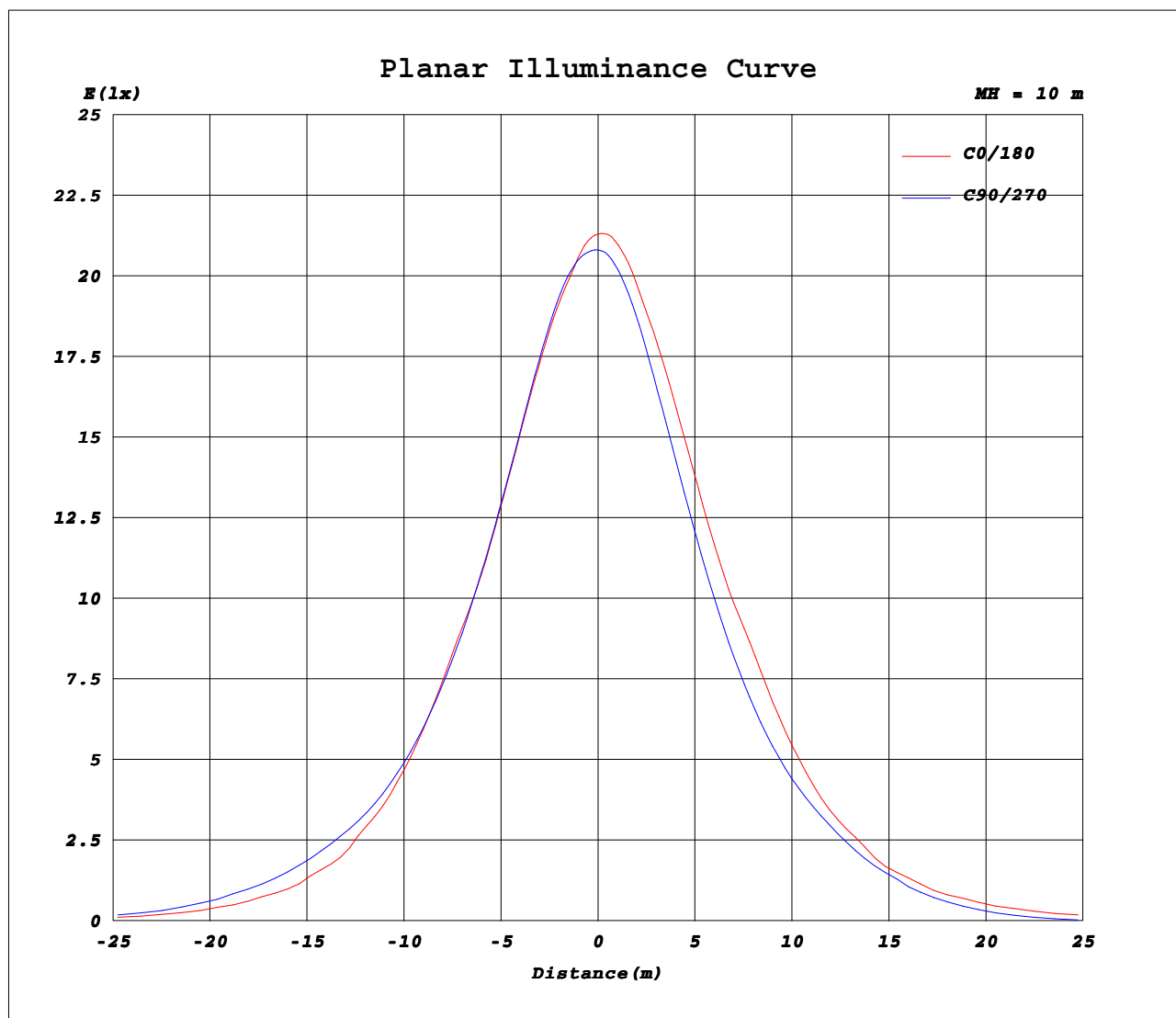
SECTION 7: ISOLUX DIAGRAM



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=0.8125]
Remarks:

SECTION 8: PLANAR ILLUMINANCE CURVE



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=0.8125]
Remarks: