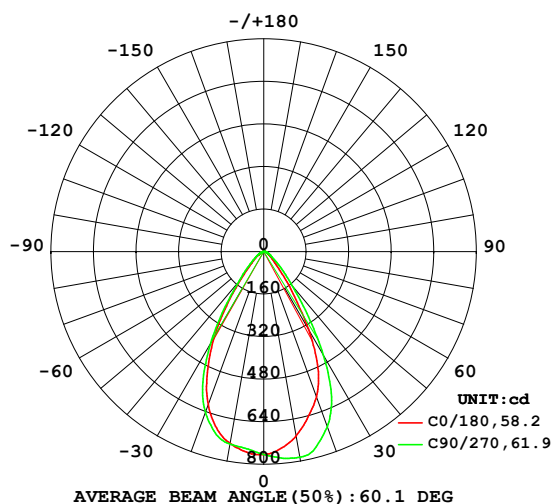


LUMINAIRE PHOTOMETRIC TEST REPORT

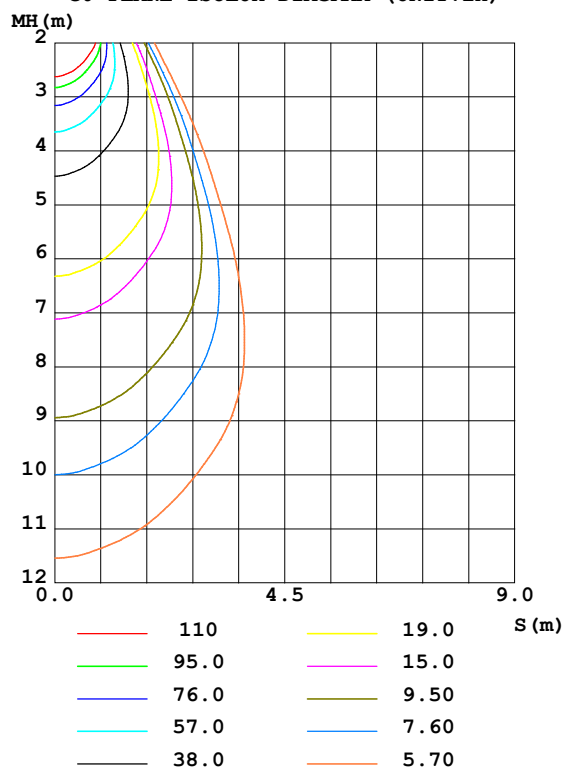
Test:U:230.03V I:0.0504A P:6.4485W PF:0.5569 Freq:49.99Hz Lamp Flux:787.765x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:11aDA-M650ST-W1NNN-14	DIM.:	SERIAL No.:A2117749A002
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 122.16 lm/W			
MODEL		I _{max} (cd)	785.5	S/MH (C0/180)	0.89
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	0.91
RATED VOLTAGE (V)		TOTAL FLUX (lm)	787.77	η UP,DN (C0-180)	0.0,50.9
NOMINAL FLUX (lm)	787.765	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,49.1
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE (V)		η down (%)	100.0	CIBSE SHR MAX	0.90

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CWQ
Test Date:2021-12-31

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-SPEC316_V1 SYSTEM V2.0.366
Humidity:44%
Test Distance:3.123m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	704.1	774.6	784.8	735.6	732.2	749.9	734.9	707.9	0- 10	71.68	71.68	9.1,9.1
20	581.0	681.9	700.1	617.2	611.8	655.3	642.4	580.2	10- 20	196.2	267.9	34,34
30	337.0	435.6	449.7	365.4	373.2	411.6	401.4	350.2	20- 30	241.2	509.1	64.6,64.6
40	104.2	156.5	163.8	119.6	127.6	153.3	144.9	112.5	30- 40	154.0	663.1	84.2,84.2
50	40.53	57.53	64.49	46.09	47.48	58.15	55.86	42.13	40- 50	64.57	727.6	92.4,92.4
60	21.52	25.05	26.64	23.25	24.29	26.41	25.43	22.97	50- 60	32.00	759.6	96.4,96.4
70	11.21	12.36	12.79	11.76	12.29	12.88	12.72	12.14	60- 70	17.52	777.1	98.7,98.7
80	4.055	4.400	4.546	4.197	4.887	4.961	4.770	4.300	70- 80	8.600	785.7	99.7,99.7
90	0	0	0	0	0.4485	0	0	0	80- 90	2.019	787.8	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 701.57 lm

%lum = 89.1%

%lamp = 89.1%

Conical surface Flux(120deg): 759.62 lm

%lum = 96.4%

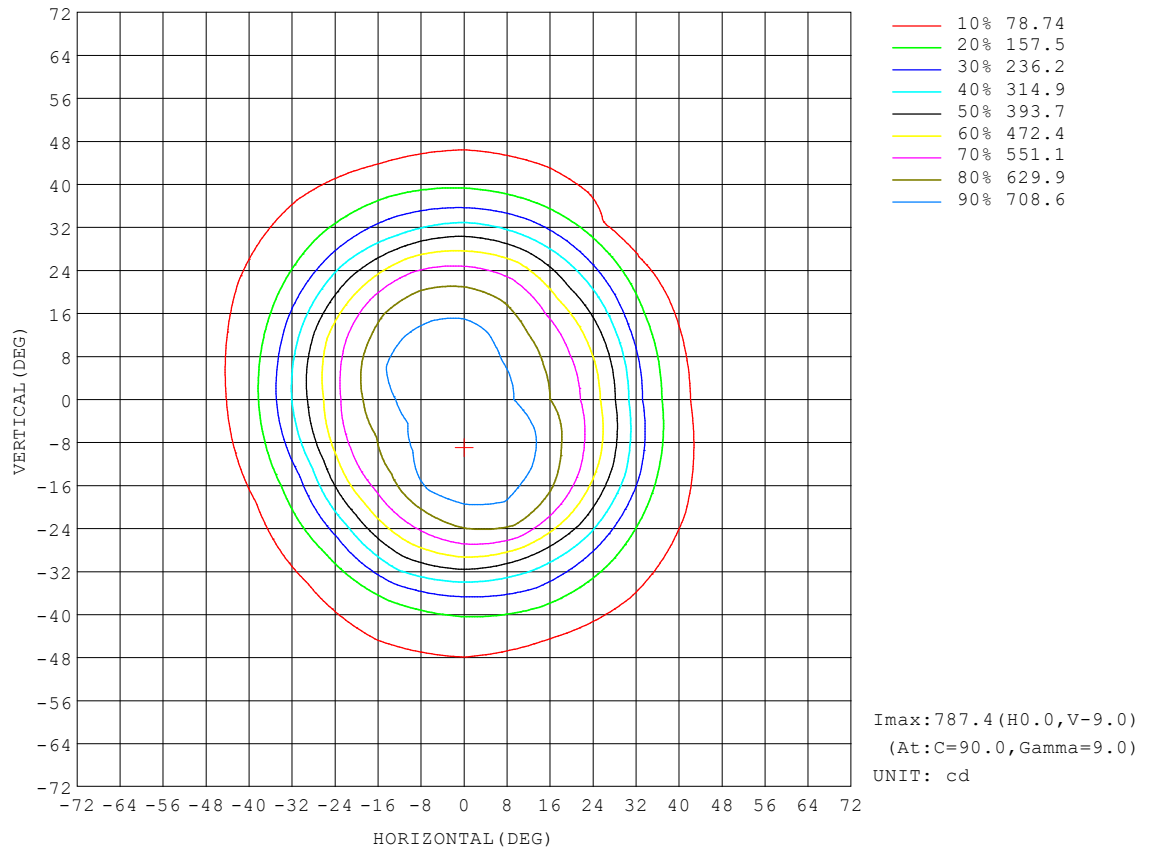
%lamp = 96.4%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:CWQ
 Test Date:2021-12-31

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-SPEC316_V1 SYSTEM V2.0.366
 Humidity:44%
 Test Distance:3.123m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:230.03V I:0.0504A P:6.4485W PF:0.5569 Freq:49.99Hz Lamp Flux:787.765x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:11aDA-M650ST-W1NNN-14	DIM.:	SERIAL No.:A2117749A002
MFR.: EVERFINE	SUR.:	Shielding Angle:

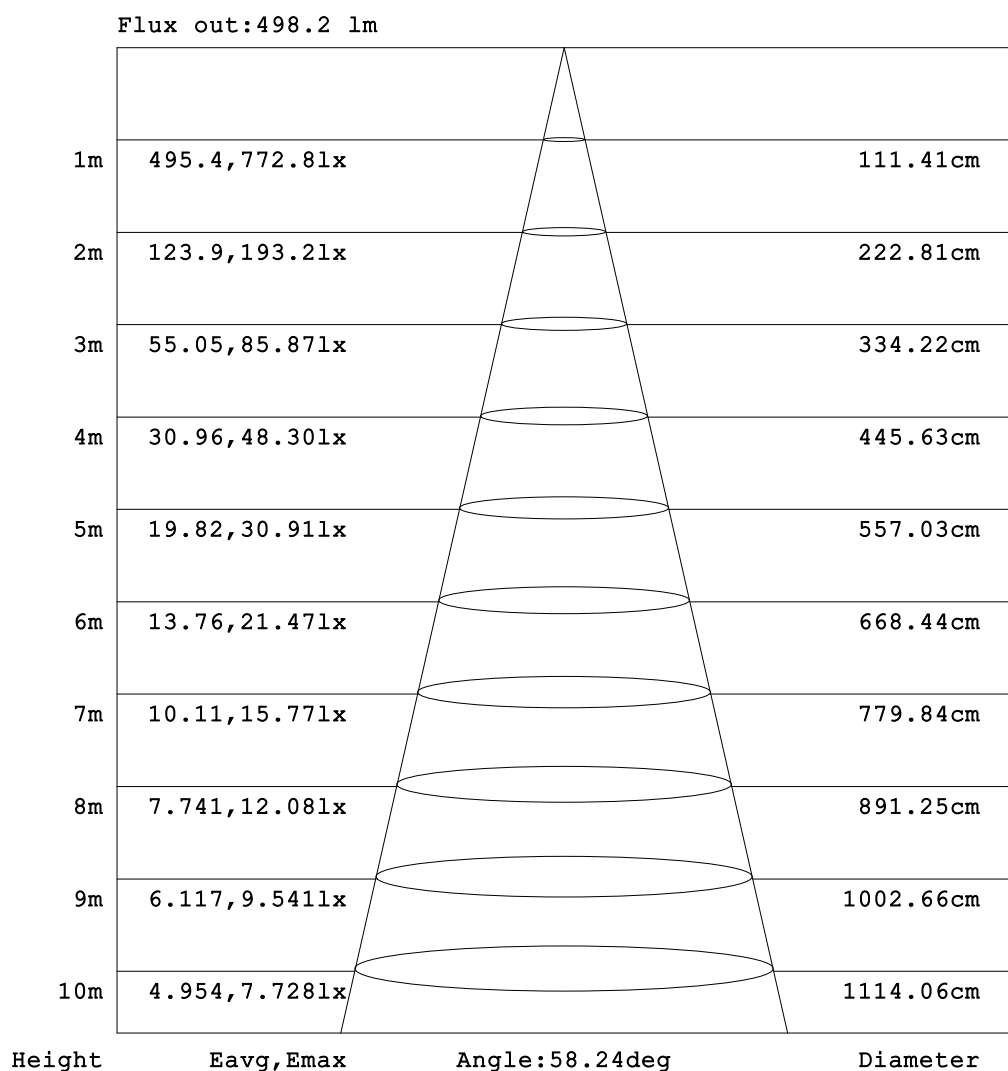


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CWQ
Test Date:2021-12-31

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-SPEC316_V1 SYSTEM V2.0.366
Humidity:44%
Test Distance:3.123m [K=1.0000]
Remarks:

AAI Figure

Test:U:230.03V I:0.0504A P:6.4485W PF:0.5569 Freq:49.99Hz Lamp Flux:787.765x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:11aDA-M650ST-W1NNN-14	DIM.:	SERIAL No.:A2117749A002
MFR.: EVERFINE	SUR.:	Shielding Angle:



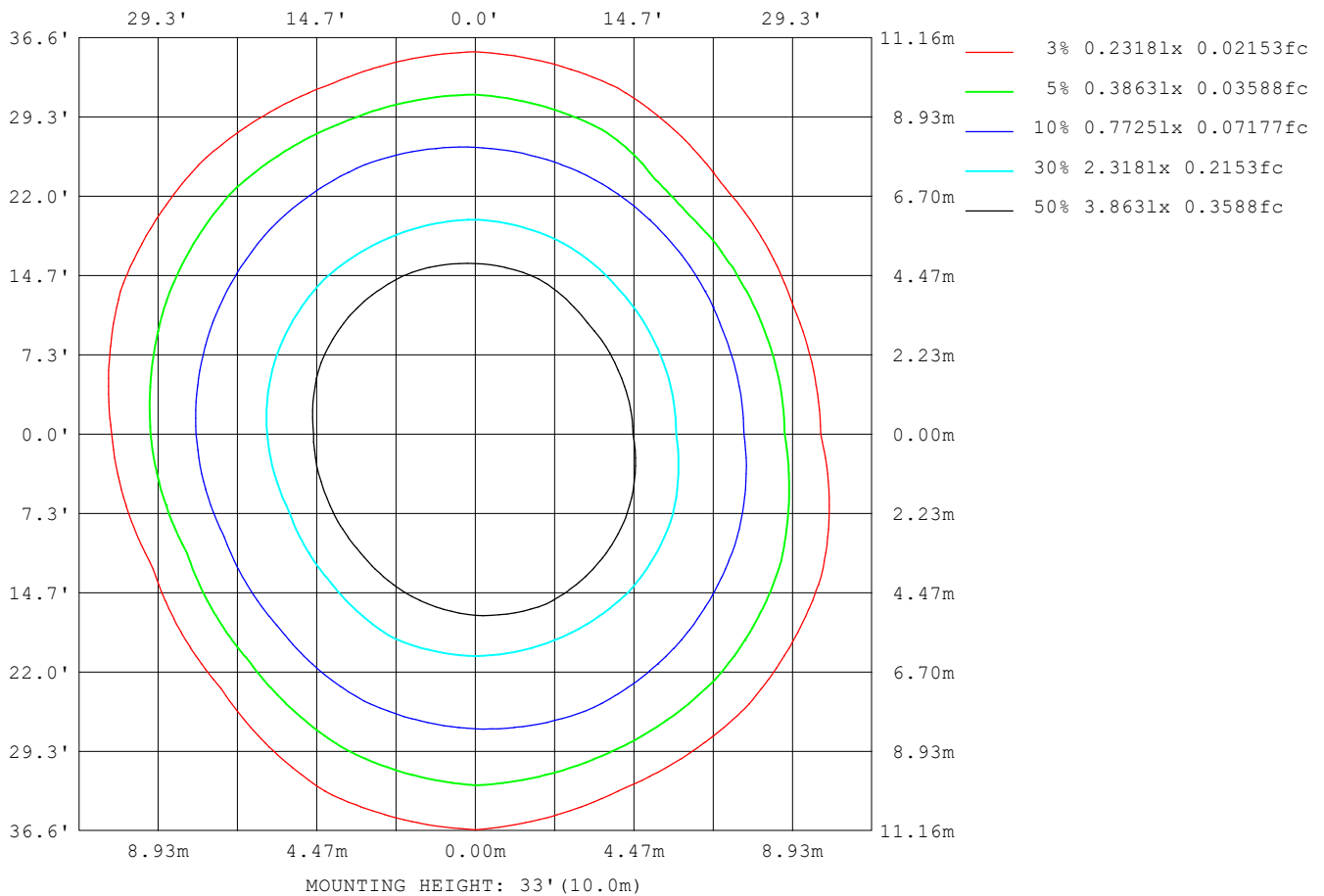
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:CWQ
 Test Date:2021-12-31

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-SPEC316_V1 SYSTEM V2.0.366
 Humidity:44%
 Test Distance:3.123m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:230.03V I:0.0504A P:6.4485W PF:0.5569 Freq:49.99Hz Lamp Flux:787.765x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:11aDA-M650ST-W1NNN-14	DIM.:	SERIAL No.:A2117749A002
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:CWQ
 Test Date:2021-12-31

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-SPEC316_V1 SYSTEM V2.0.366
 Humidity:44%
 Test Distance:3.123m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:230.03V I:0.0504A P:6.4485W PF:0.5569 Freq:49.99Hz Lamp Flux:787.765x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:11aDA-M650ST-W1NNN-14	DIM.:	SERIAL No.:A2117749A002
MFR.: EVERFINE	SUR.:	Shielding Angle:

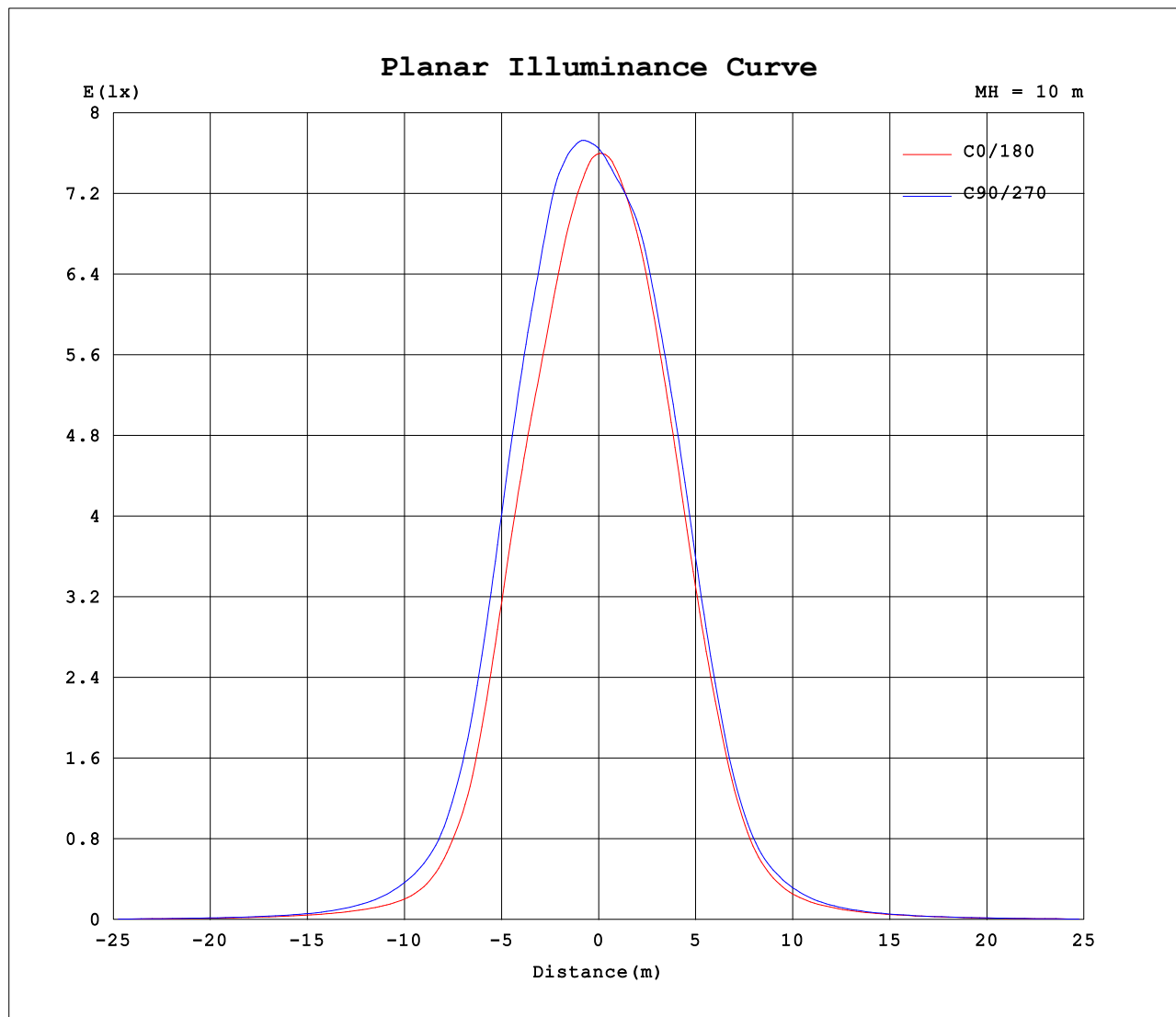
AvgL	cd/m2
L_0~180 (65) av	7781
L_0~180 (75) av	6111
L_0~180 (85) av	3676
L_90~270 (65) av	8654
L_90~270 (75) av	6448
L_90~270 (85) av	3741
L_45 (65) av	8235
L_45 (75) av	6182
L_45 (85) av	3649

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:CWQ
 Test Date:2021-12-31

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-SPEC316_V1 SYSTEM V2.0.366
 Humidity:44%
 Test Distance:3.123m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: CWQ
Test Date: 2021-12-31

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-SPEC316_V1 SYSTEM V2.0.366
Humidity: 44%
Test Distance: 3.123m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.03V I:0.0504A P:6.4485W PF:0.5569 Freq:49.99Hz Lamp Flux:787.765x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:11aDA-M650ST-W1NNN-14	DIM.:	SERIAL No.:A2117749A002
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--1

UNIT: cd

[illegible]

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CWQ
Test Date:2021-12-31

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γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-SPEC316_V1 SYSTEM V2.0.366
Humidity:44%
Test Distance:3.123m [K=1.0000]
Remarks:

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