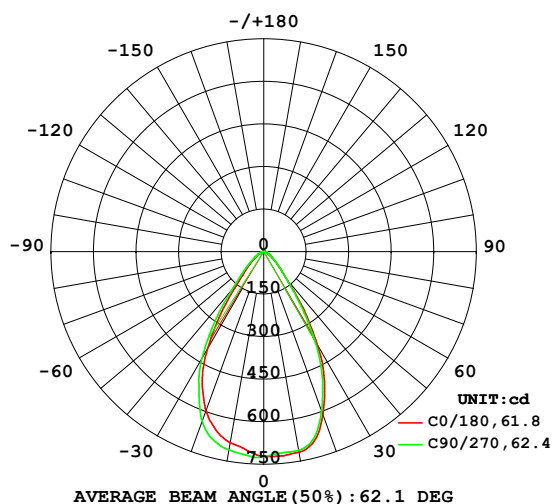


LUMINAIRE PHOTOMETRIC TEST REPORT

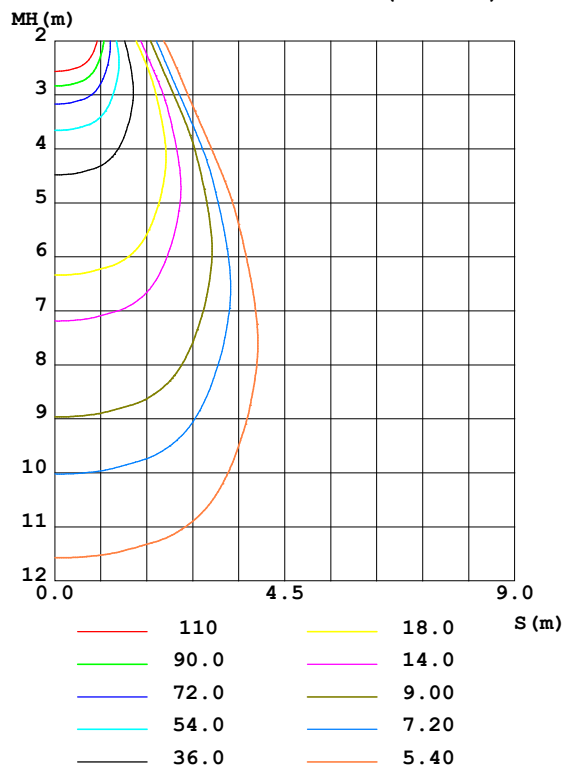
Test:U:230.00V I:0.0510A P:6.5151W PF:0.5556 Freq:49.99Hz Lamp Flux:762.859x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:11aDA-M650ST-W1NNN-13	DIM.:	SERIAL No.:A2117750A002
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 117.09 lm/W			
MODEL		Imax(cd)	736.2	S/MH(C0/180)	0.93
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	0.96
RATED VOLTAGE(V)		TOTAL FLUX(lm)	762.86	η UP,DN(C0-180)	0.0,47.8
NOMINAL FLUX(lm)	762.859	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,52.2
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	718.0	736.0	711.1	661.9	683.8	717.1	709.8	686.0	0- 10	67.89	67.89	8.9,8.9
20	611.0	647.0	597.2	535.1	596.5	639.5	636.1	569.8	10- 20	186.0	253.9	33.3,33.3
30	378.4	375.1	357.2	311.4	398.2	452.6	435.7	368.4	20- 30	231.2	485.1	63.6,63.6
40	125.5	140.6	121.9	92.60	136.7	171.5	170.3	125.2	30- 40	152.2	637.3	83.5,83.5
50	51.70	51.09	53.51	38.93	56.13	59.04	68.20	45.04	40- 50	65.27	702.6	92.1,92.1
60	23.88	24.25	24.03	21.49	25.99	26.75	28.48	23.23	50- 60	32.25	734.8	96.3,96.3
70	11.31	11.83	11.61	11.11	12.63	13.10	12.97	11.95	60- 70	17.59	752.4	98.6,98.6
80	4.181	4.181	4.142	4.178	5.020	5.009	4.936	4.241	70- 80	8.508	760.9	99.7,99.7
90	0	0	0	0	0.3245	0	0	0	80- 90	1.937	762.9	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): 676.17 lm

%lum = 88.6%

%lamp = 88.6%

Conical surface Flux(120deg): 734.82 lm

%lum = 96.3%

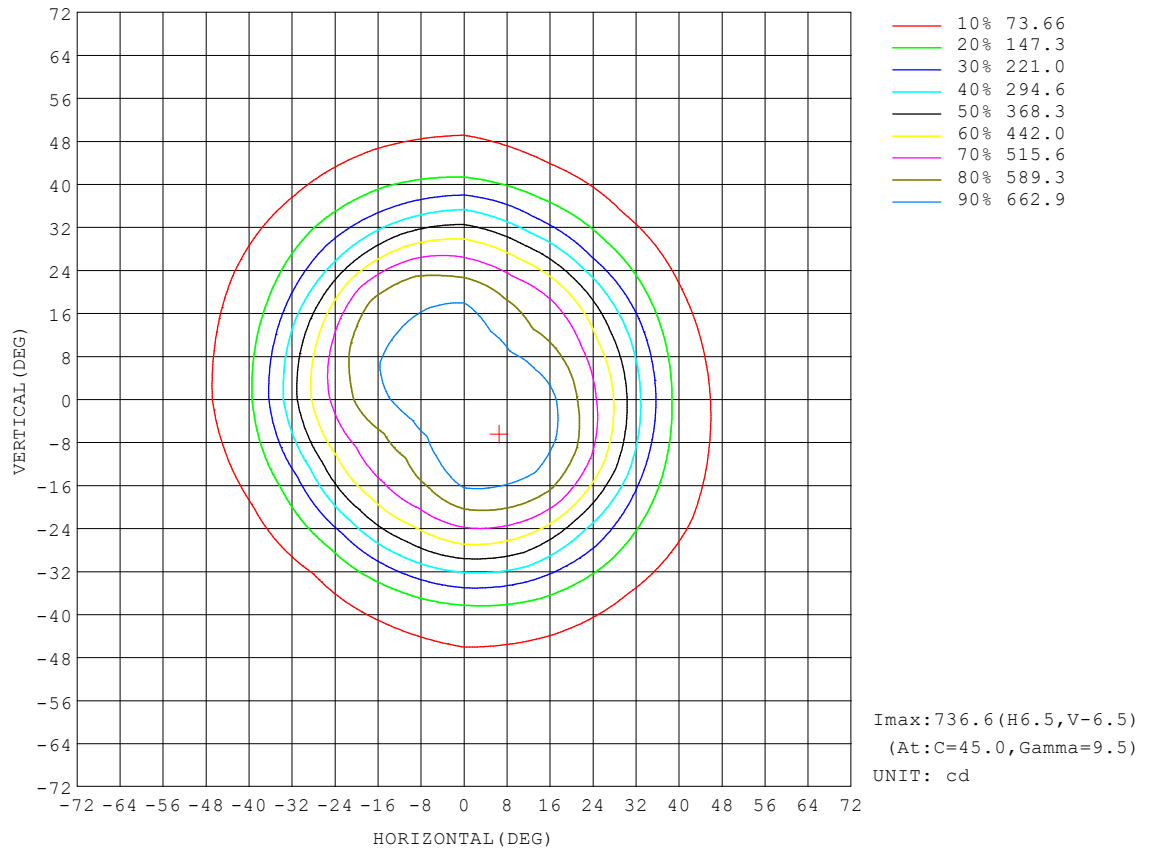
%lamp = 96.3%

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:230.00V I:0.0510A P:6.5151W PF:0.5556 Freq:49.99Hz Lamp Flux:762.859x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:11aDA-M650ST-W1NNN-13	DIM.:	SERIAL No.:A2117750A002
MFR.: EVERFINE	SUR.:	Shielding Angle:

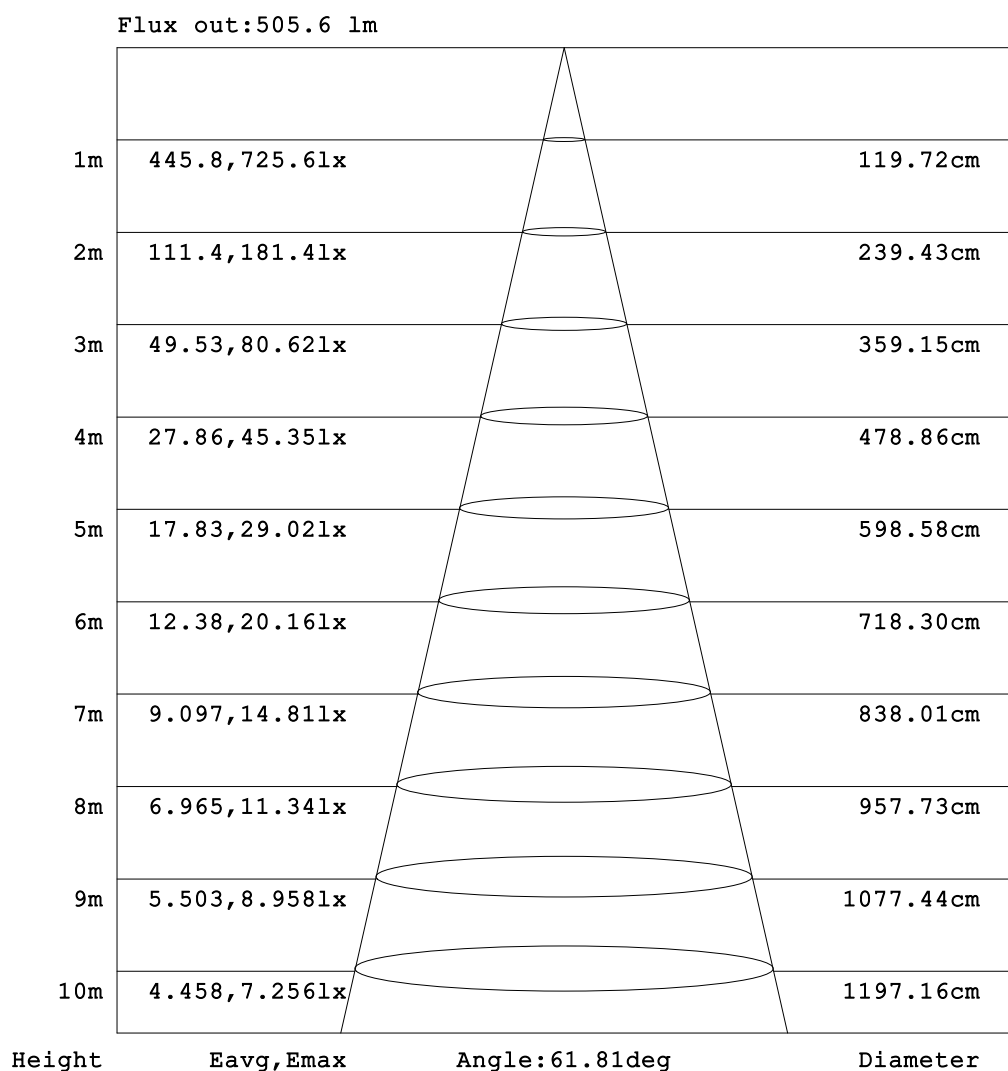


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CWQ
Test Date:2021-12-31

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:230.00V I:0.0510A P:6.5151W PF:0.5556 Freq:49.99Hz Lamp Flux:762.859x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:11aDA-M650ST-W1NNN-13	DIM.:	SERIAL No.:A2117750A002
MFR.: EVERFINE	SUR.:	Shielding Angle:



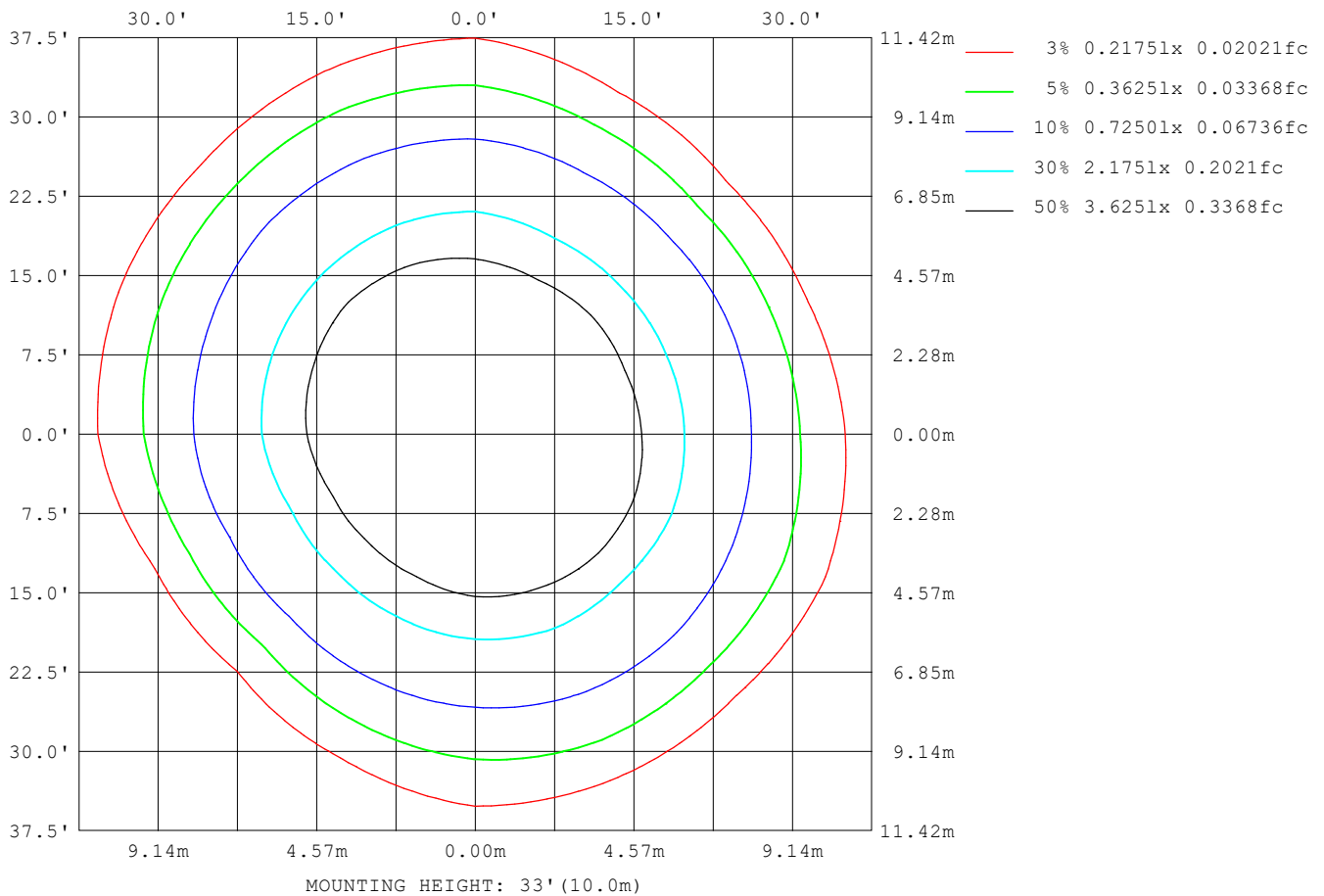
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:230.00V I:0.0510A P:6.5151W PF:0.5556 Freq:49.99Hz Lamp Flux:762.859x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:11aDA-M650ST-W1NNN-13	DIM.:	SERIAL No.:A2117750A002
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:230.00V I:0.0510A P:6.5151W PF:0.5556 Freq:49.99Hz Lamp Flux:762.859x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:11aDA-M650ST-W1NNN-13	DIM.:	SERIAL No.:A2117750A002
MFR.: EVERFINE	SUR.:	Shielding Angle:

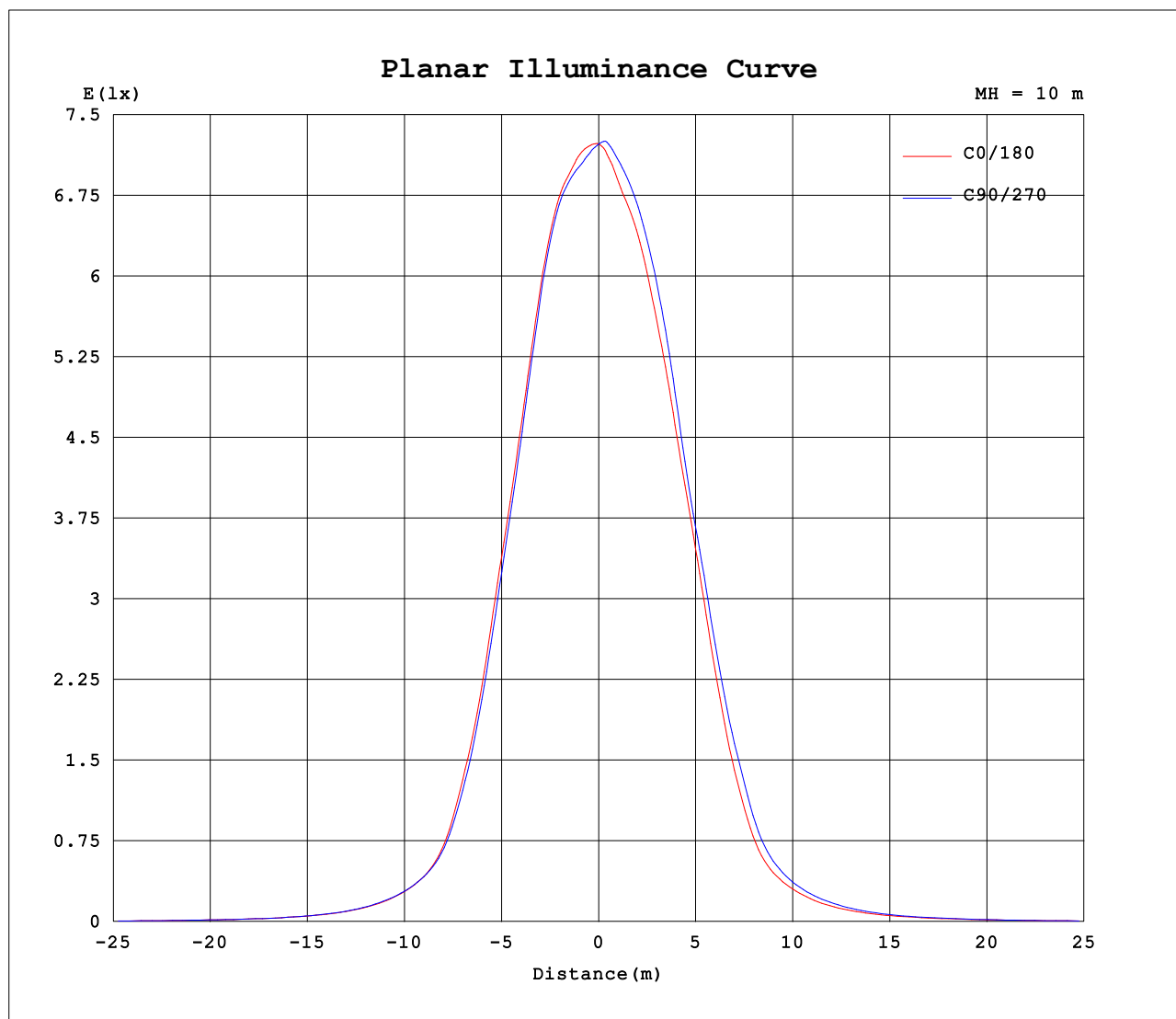
AvgL	cd/m2
L_0~180 (65) av	8248
L_0~180 (75) av	6309
L_0~180 (85) av	3411
L_90~270 (65) av	8598
L_90~270 (75) av	6231
L_90~270 (85) av	4033
L_45 (65) av	8070
L_45 (75) av	6016
L_45 (85) av	3739

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:230.00V I:0.0510A P:6.5151W PF:0.5556 Freq:49.99Hz Lamp Flux:762.859x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:11aDA-M650ST-W1NNN-13	DIM.:	SERIAL No.:A2117750A002
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG)		SIN C																	
Y (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	722	722	722	722	722	722	722	722	722	722	722	722	722	722	722	722			
5	723	729	729	723	712	701	696	694	703	712	718	720	720	720	719	720			
10	718	735	736	728	711	681	662	666	684	704	717	720	710	690	686	698			
15	691	713	711	696	682	628	595	606	652	681	688	695	688	648	635	656			
20	611	639	647	621	597	550	535	541	597	630	640	641	636	592	570	586			
25	507	537	541	512	490	450	443	461	515	553	590	579	541	506	506	490			
30	378	393	375	378	357	327	311	328	398	424	453	449	436	386	368	364			
35	240	240	243	239	222	197	180	196	256	275	284	295	302	245	220	233			
40	126	137	141	136	122	107	92.6	108	137	152	172	175	170	141	125	125			
45	79.1	87.6	80.8	83.1	80.3	64.4	54.4	61.9	86.0	94.7	99.6	107	104	82.2	68.9	70.5			
50	51.7	56.4	51.1	52.2	53.5	42.6	38.9	41.5	56.1	59.8	59.0	65.2	68.2	51.6	45.0	46.2			
55	34.5	36.5	33.8	34.4</															

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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