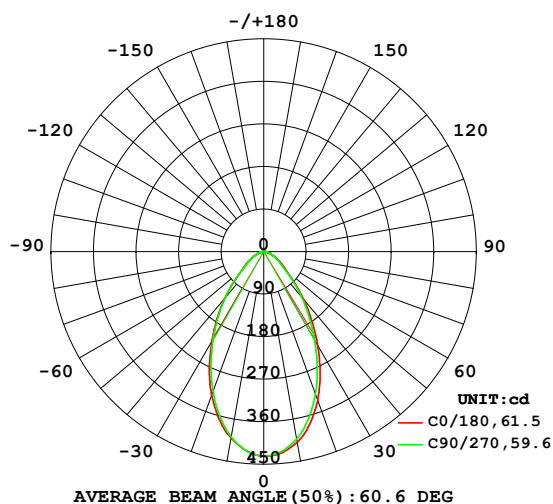


LUMINAIRE PHOTOMETRIC TEST REPORT

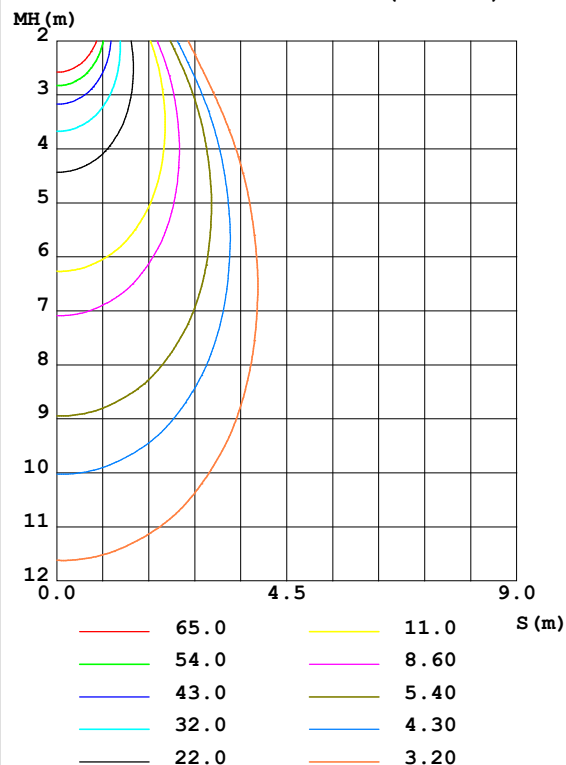
Test:U:229.98V I:0.0324A P:4.8169W PF:0.6472 Freq:49.99Hz Lamp Flux:517.898x1 lm					
NAME:		TYPE:		WEIGHT:	
SPEC.:SVCKD1aC005BR-NNN0480W40		DIM.:		SERIAL No.:A2116991B001	
MFR.: EVERFINE		SUR.:		Shielding Angle:	

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 107.52 lm/W
MODEL		Imax(cd)	433.4	S/MH(C0/180)	0.89	
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	0.87	
RATED VOLTAGE(V)		TOTAL FLUX(lm)	517.90	η UP,DN(C0-180)	0.0,49.8	
NOMINAL FLUX(lm)	517.898	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.2	
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.75	
TEST VOLTAGE(V)		η down(%)	100.0	CIBSE SHR MAX	0.95	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:CWQ
Test Date:2021-12-20

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-SPEC316_V1 SYSTEM V2.0.366
Humidity:40%
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	409.2	404.1	402.6	402.1	400.1	393.4	397.8	410.4	0- 10	39.81	39.81	7.69,7.69
20	334.4	319.2	320.3	321.6	322.6	307.2	314.0	338.6	10- 20	102.4	142.2	27.5,27.5
30	228.5	217.1	215.2	214.9	220.1	209.3	214.1	236.7	20- 30	124.2	266.4	51.4,51.4
40	131.1	129.3	124.9	119.8	126.7	124.7	126.7	136.8	30- 40	106.8	373.2	72.1,72.1
50	62.55	60.00	57.82	59.72	59.44	55.86	58.13	68.94	40- 50	69.34	442.6	85.5,85.5
60	35.08	31.24	31.67	28.52	32.80	29.21	31.60	33.48	50- 60	39.52	482.1	93.1,93.1
70	16.32	15.38	15.22	14.29	14.78	14.51	15.88	16.51	60- 70	22.25	504.3	97.4,97.4
80	6.027	5.853	5.122	4.865	5.170	5.450	5.858	6.797	70- 80	10.94	515.3	99.5,99.5
90	0.5285	0	0	0	0	0	0.5404	0.3922	80- 90	2.609	517.9	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): 412.94 lm

%lum = 79.7%

%lamp = 79.7%

Conical surface Flux(120deg): 482.1 lm

%lum = 93.1%

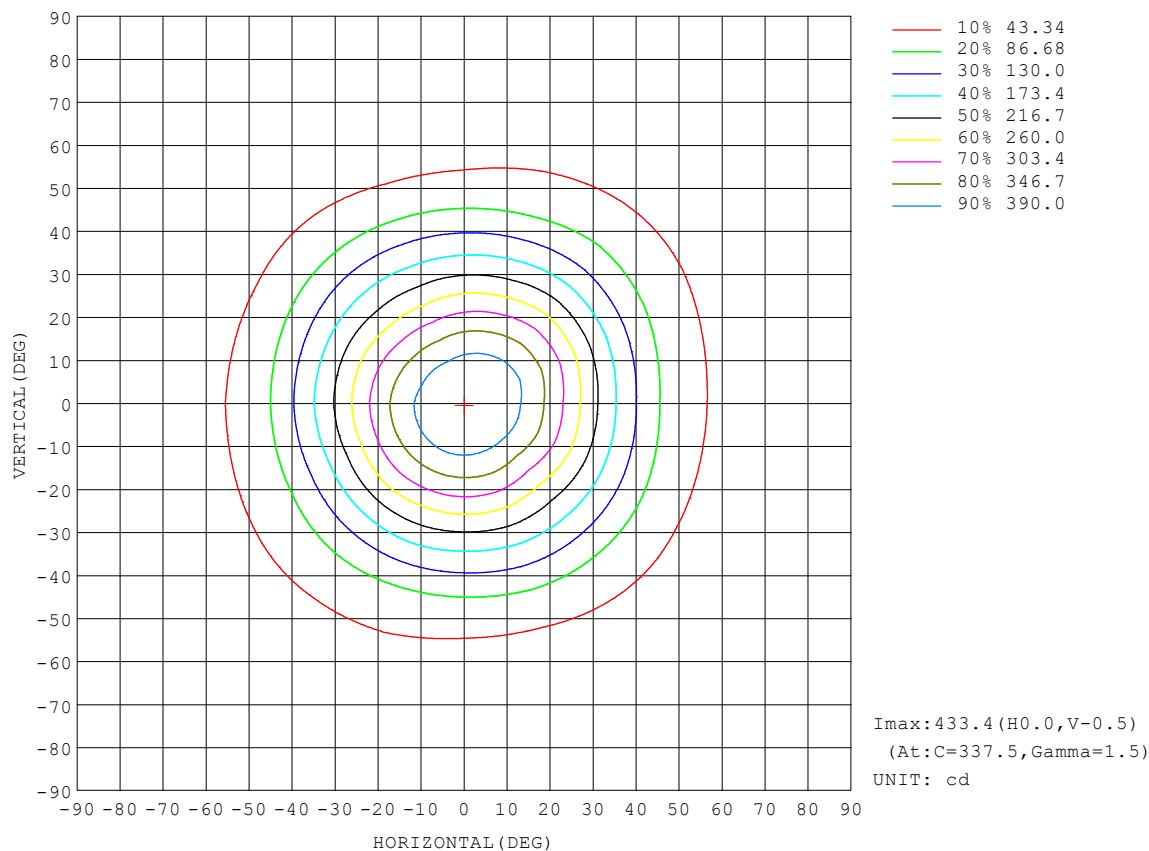
%lamp = 93.1%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators: CWQ
 Test Date:2021-12-20

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-SPEC316_V1 SYSTEM V2.0.366
 Humidity: 40%
 Test Distance: 3.123m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:229.98V I:0.0324A P:4.8169W PF:0.6472 Freq:49.99Hz Lamp Flux:517.898x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:SVCKD1aC005BR-NNN0480W40	DIM.:	SERIAL No.:A2116991B001
MFR.: EVERFINE	SUR.:	Shielding Angle:

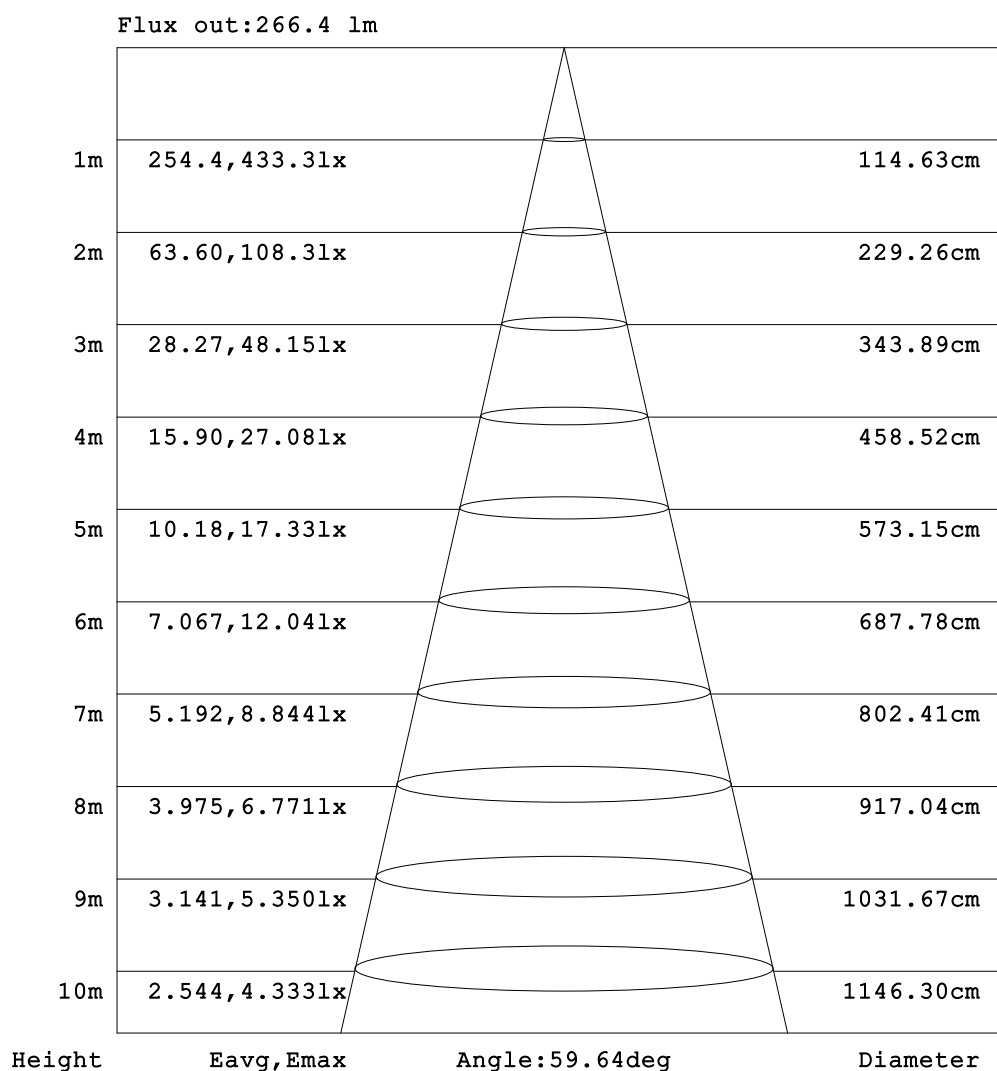


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:CWQ
Test Date:2021-12-20

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-SPEC316_V1 SYSTEM V2.0.366
Humidity:40%
Test Distance:3.123m [K=1.0000]
Remarks:

AAI Figure

Test:U:229.98V I:0.0324A P:4.8169W PF:0.6472 Freq:49.99Hz Lamp Flux:517.898x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:SVCKD1aC005BR-NNN0480W40	DIM.:	SERIAL No.:A2116991B001
MFR.: EVERFINE	SUR.:	Shielding Angle:



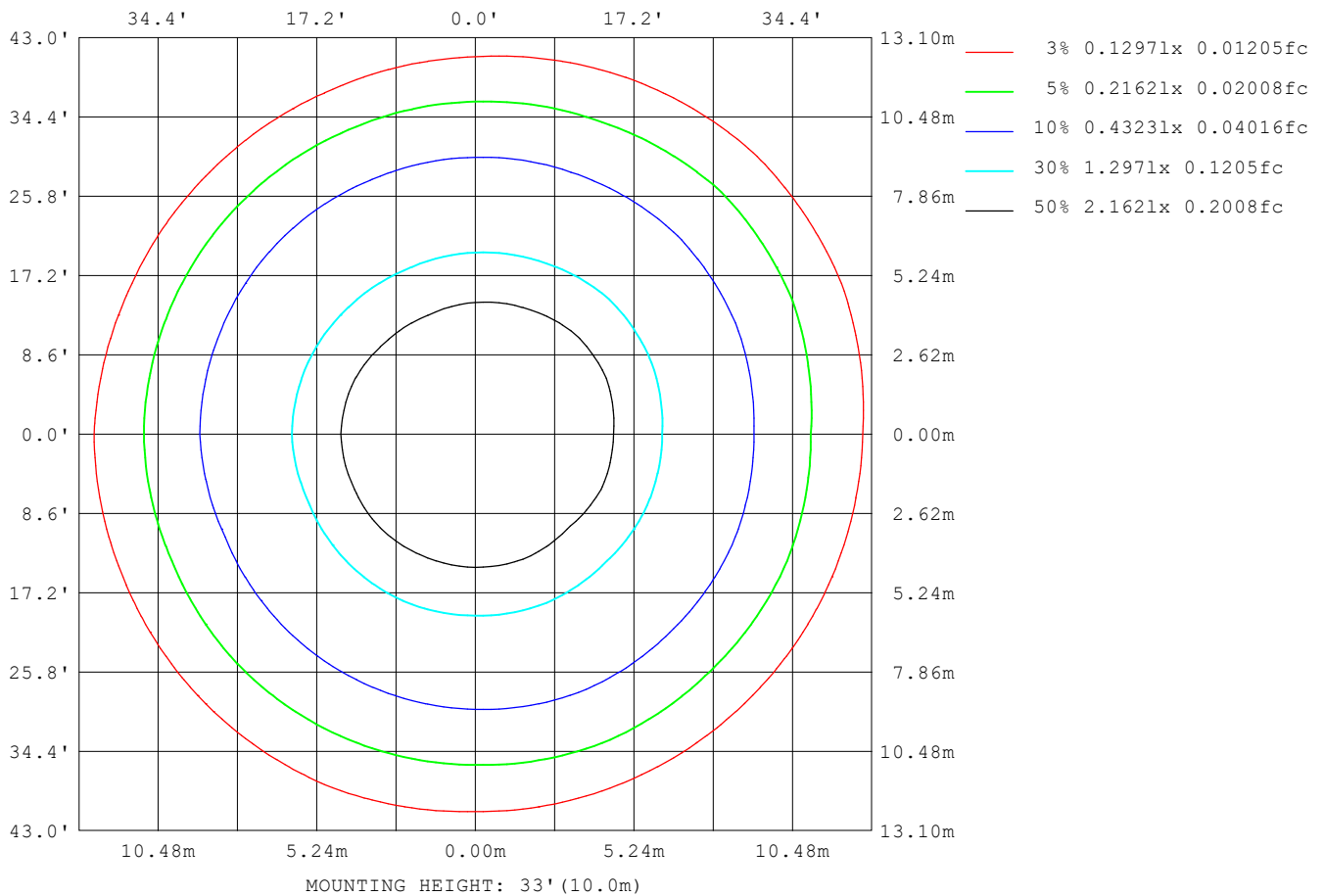
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:CWQ
 Test Date:2021-12-20

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-SPEC316_V1 SYSTEM V2.0.366
 Humidity:40%
 Test Distance:3.123m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:229.98V I:0.0324A P:4.8169W PF:0.6472 Freq:49.99Hz Lamp Flux:517.898x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:SVCKD1aC005BR-NNN0480W40	DIM.:	SERIAL No.:A2116991B001
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:CWQ
Test Date:2021-12-20

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-SPEC316_V1 SYSTEM V2.0.366
Humidity:40%
Test Distance:3.123m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:229.98V I:0.0324A P:4.8169W PF:0.6472 Freq:49.99Hz Lamp Flux:517.898x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:SVCKD1aC005BR-NNN0480W40	DIM.:	SERIAL No.:A2116991B001
MFR.: EVERFINE	SUR.:	Shielding Angle:

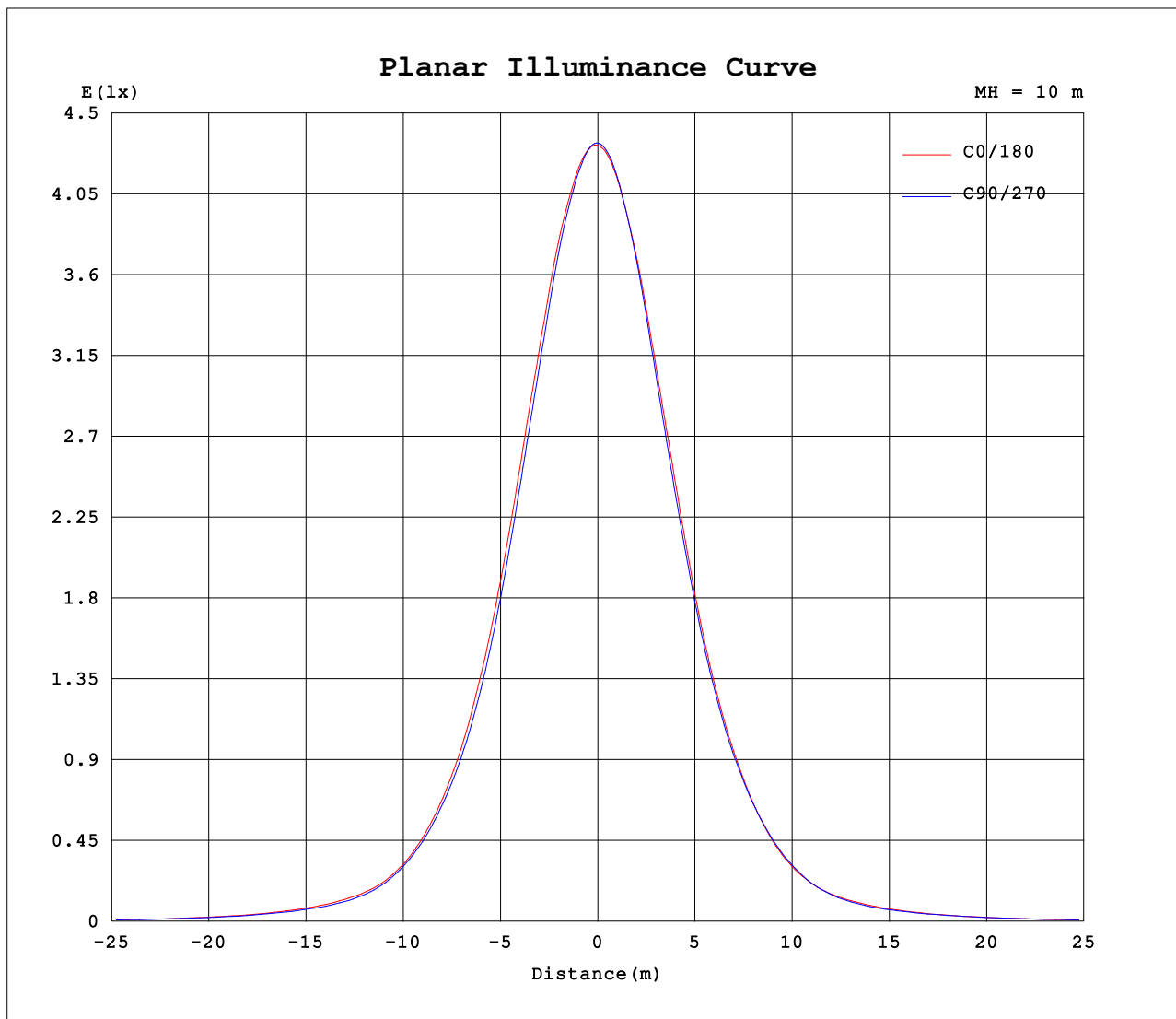
AvgL	cd/m2
L_0~180 (65) av	10803
L_0~180 (75) av	7699
L_0~180 (85) av	4917
L_90~270 (65) av	10679
L_90~270 (75) av	7653
L_90~270 (85) av	4644
L_45 (65) av	10063
L_45 (75) av	7729
L_45 (85) av	5045

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:CWQ
Test Date:2021-12-20

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-SPEC316_V1 SYSTEM V2.0.366
Humidity:40%
Test Distance:3.123m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: CWQ
Test Date: 2021-12-20

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-SPEC316_V1 SYSTEM V2.0.366
Humidity: 40%
Test Distance: 3.123m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.98V I:0.0324A P:4.8169W PF:0.6472 Freq:49.99Hz Lamp Flux:517.898x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:SVCKD1aC005BR-NNN0480W40	DIM.:	SERIAL No.:A2116991B001
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--1

UNIT: cd

[illegible]

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:CWQ
Test Date:2021-12-20

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γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-SPEC316_V1 SYSTEM V2.0.366
Humidity:40%
Test Distance:3.123m [K=1.0000]
Remarks:

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