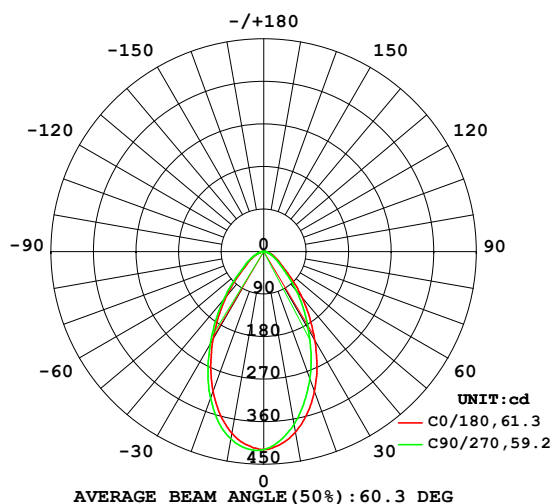


LUMINAIRE PHOTOMETRIC TEST REPORT

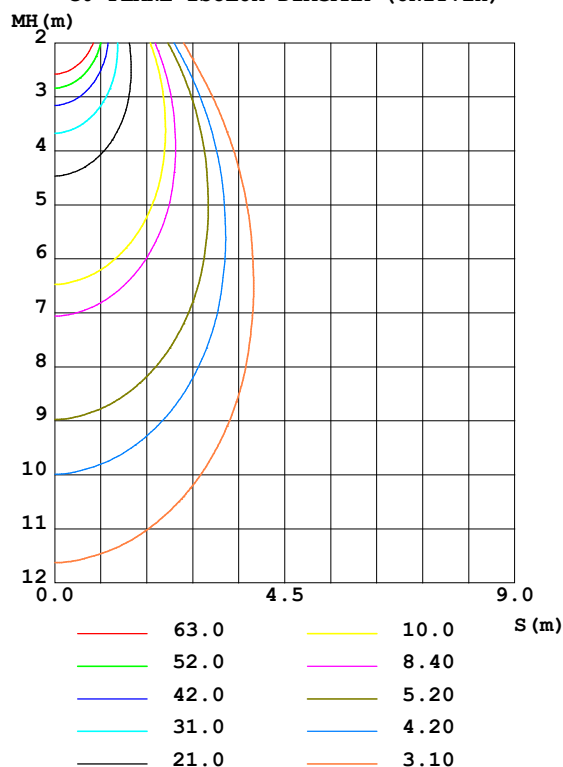
Test:U:230.09V I:0.0324A P:4.8428W PF:0.6490 Freq:49.99Hz Lamp Flux:496.364x1 lm					
NAME:		TYPE:		WEIGHT:	
SPEC.:SVCKD1aC005BR-NNN0450W30		DIM.:		SERIAL No.:A2116991A001	
MFR.: EVERFINE		SUR.:		Shielding Angle:	

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 102.50 lm/W
MODEL		Imax(cd)	420.9	S/MH(C0/180)	0.89	
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	0.93	
RATED VOLTAGE(V)		TOTAL FLUX(lm)	496.36	η UP,DN(C0-180)	0.0,47.3	
NOMINAL FLUX(lm)	496.364	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,52.7	
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	387.7	372.7	371.1	379.7	390.1	394.5	402.2	405.7	0- 10	38.43	38.43	7.74,7.74
20	314.3	285.3	286.1	301.5	314.2	312.6	329.6	340.3	10- 20	98.67	137.1	27.6,27.6
30	216.5	192.2	189.2	203.0	214.8	211.5	226.4	240.0	20- 30	119.7	256.8	51.7,51.7
40	126.0	112.9	107.2	112.9	122.7	123.8	131.7	140.3	30- 40	102.8	359.6	72.4,72.4
50	58.16	49.95	49.04	55.75	55.05	55.82	62.23	70.56	40- 50	66.12	425.7	85.8,85.8
60	31.79	26.33	27.09	25.91	30.16	28.34	34.12	34.87	50- 60	37.22	462.9	93.3,93.3
70	15.73	12.84	12.32	12.72	14.03	14.04	15.58	17.05	60- 70	20.88	483.8	97.5,97.5
80	5.765	4.825	4.159	4.042	4.874	5.729	6.039	6.781	70- 80	10.15	494.0	99.5,99.5
90	0	0	0	0	0	0	0	0	80- 90	2.384	496.4	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): 397.57 lm

%lum = 80.1%

%lamp = 80.1%

Conical surface Flux(120deg): 462.94 lm

%lum = 93.3%

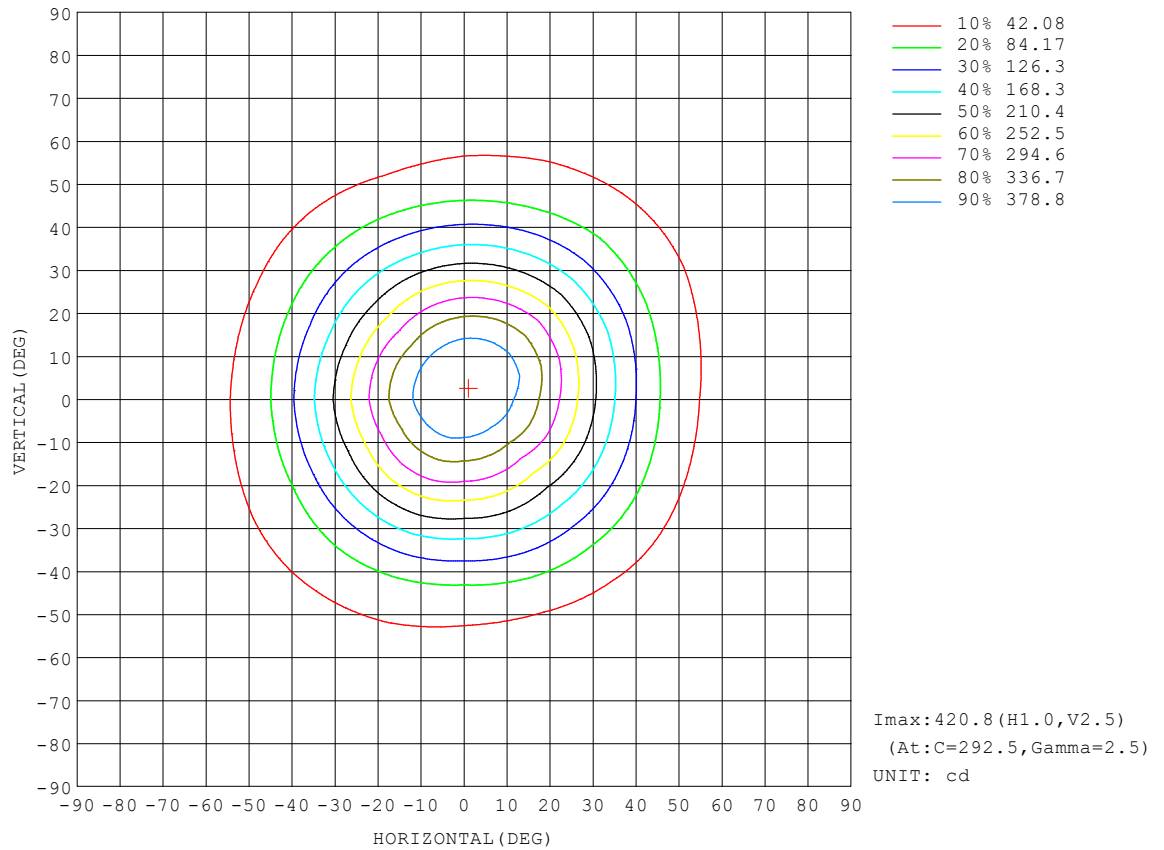
%lamp = 93.3%

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:230.09V I:0.0324A P:4.8428W PF:0.6490 Freq:49.99Hz Lamp Flux:496.364x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:SVCKD1aC005BR-NNN0450W30	DIM.:	SERIAL No.:A2116991A001
MFR.: EVERFINE	SUR.:	Shielding Angle:

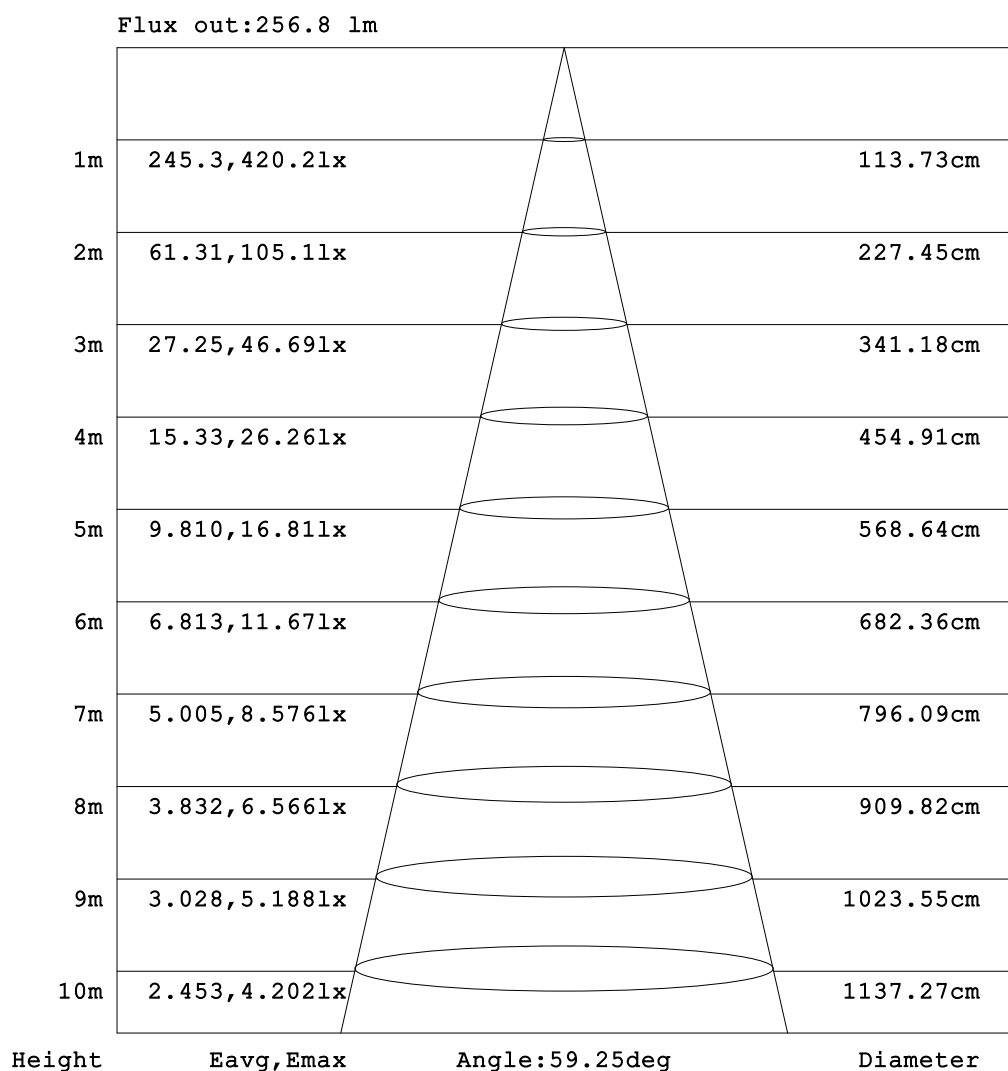


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:CWQ
Test Date:2021-12-20

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:230.09V I:0.0324A P:4.8428W PF:0.6490 Freq:49.99Hz Lamp Flux:496.364x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:SVCKD1aC005BR-NNN0450W30	DIM.:	SERIAL No.:A2116991A001
MFR.: EVERFINE	SUR.:	Shielding Angle:



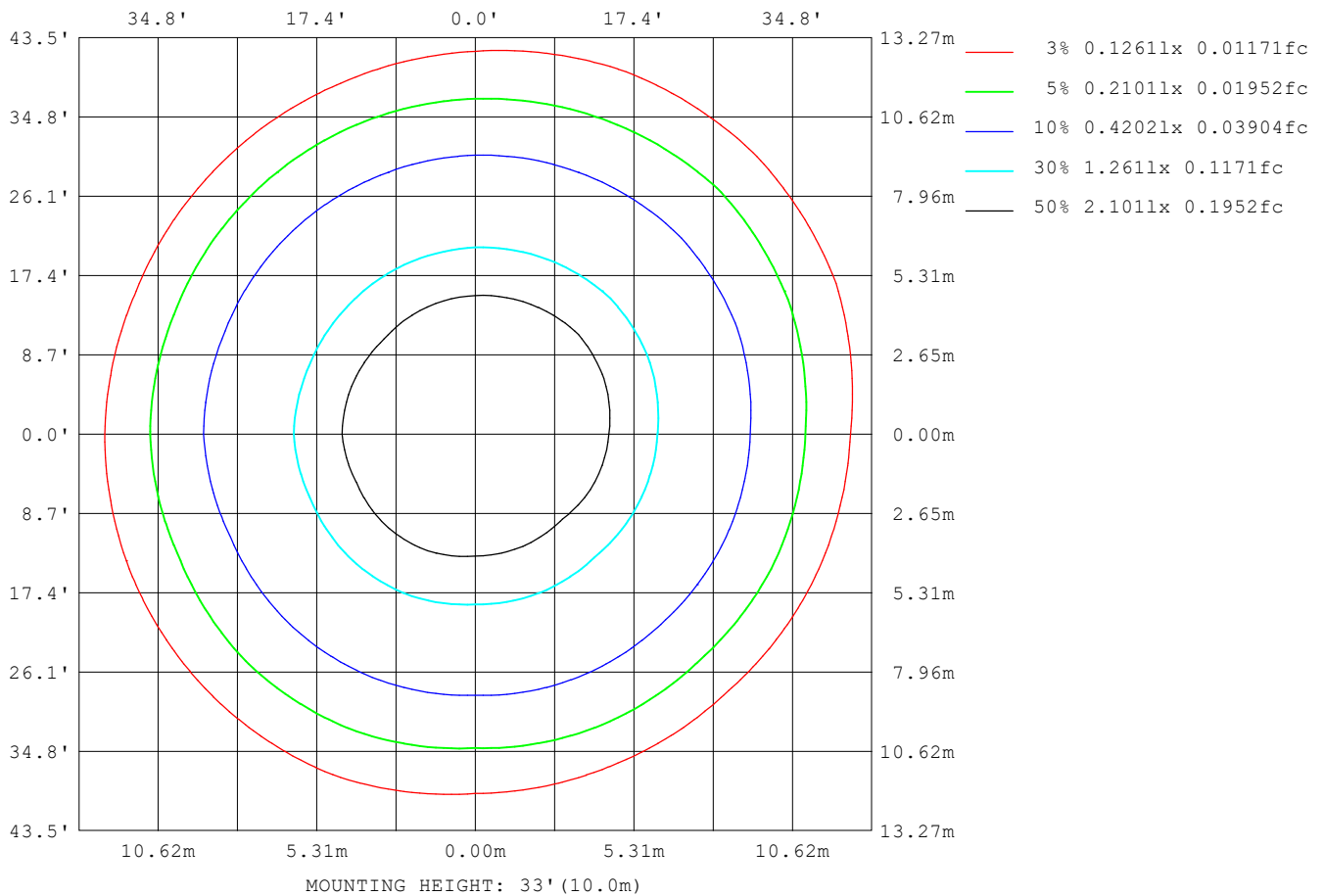
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:230.09V I:0.0324A P:4.8428W PF:0.6490 Freq:49.99Hz Lamp Flux:496.364x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:SVCKD1aC005BR-NNN0450W30	DIM.:	SERIAL No.:A2116991A001
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:230.09V I:0.0324A P:4.8428W PF:0.6490 Freq:49.99Hz Lamp Flux:496.364x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:SVCKD1aC005BR-NNN0450W30	DIM.:	SERIAL No.:A2116991A001
MFR.: EVERFINE	SUR.:	Shielding Angle:

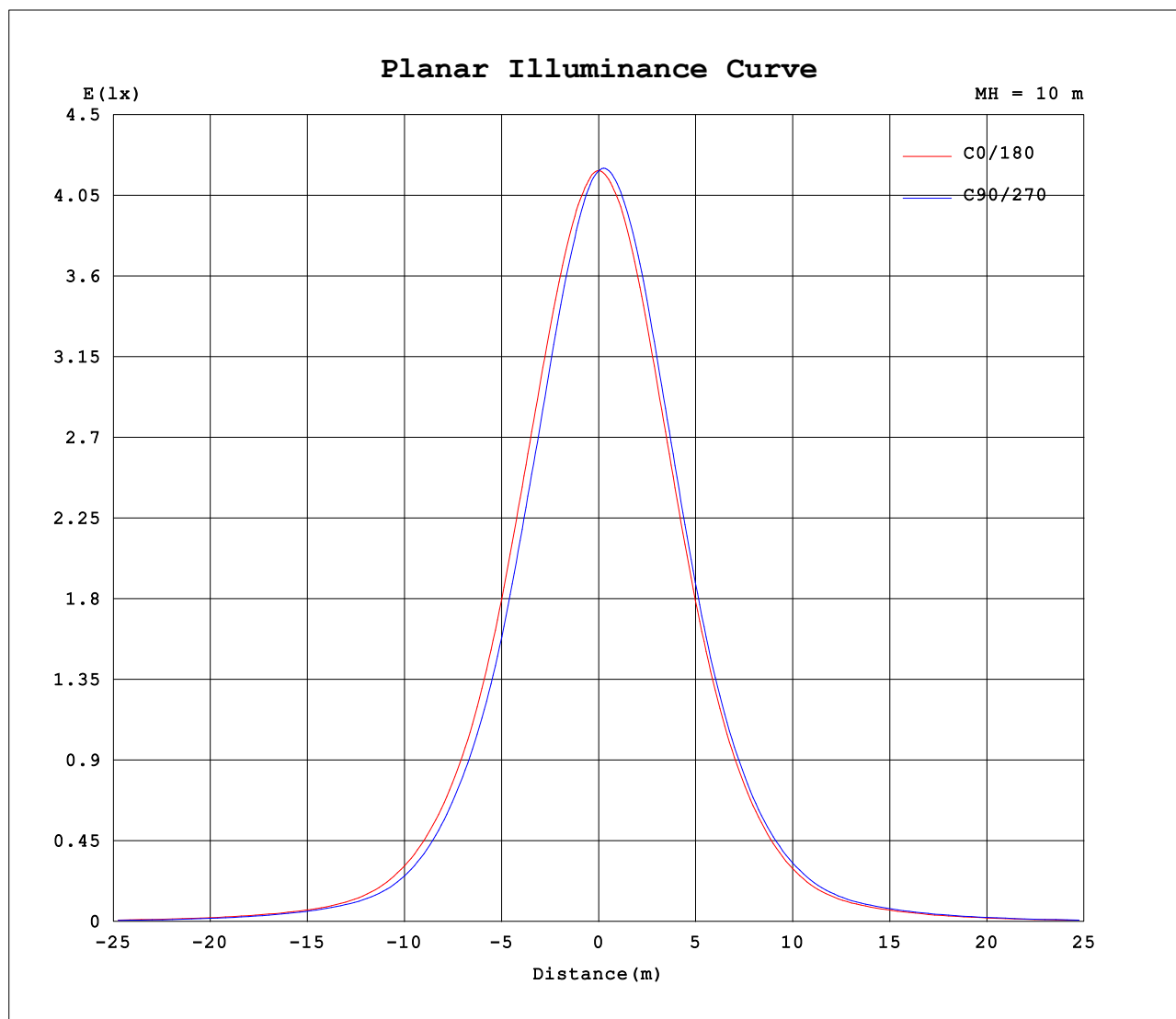
AvgL	cd/m2
L_0~180 (65) av	10329
L_0~180 (75) av	7379
L_0~180 (85) av	4590
L_90~270 (65) av	9915
L_90~270 (75) av	7027
L_90~270 (85) av	4661
L_45 (65) av	9454
L_45 (75) av	7205
L_45 (85) av	4510

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:

