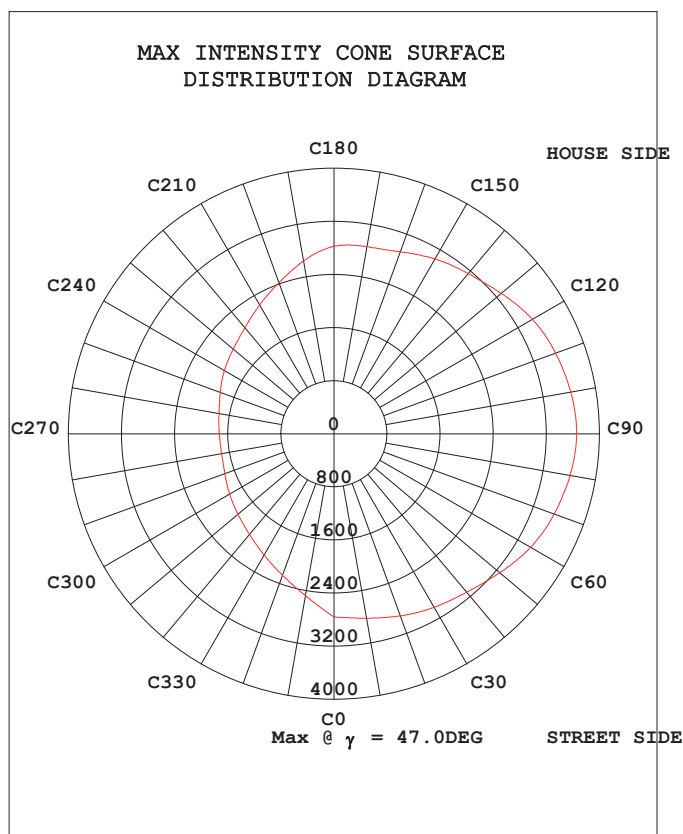
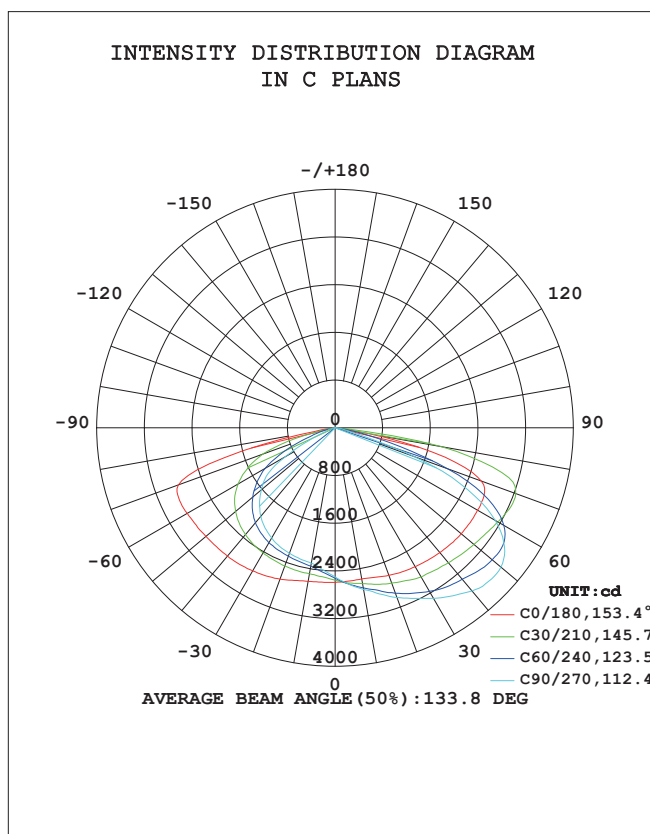


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:227.5V I:0.3150A P:70.70W PF:0.9850 Lamp Flux:30738.3x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:1KG
DIM.: 595*340*140MM	SPEC.:75W	SERIAL No.:
MFR.:	SUR.:140*190MM	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 153.32 lm/W			
MODEL	GS/RLS8-75W T4M	I _{max} (cd)	3655	η street_up(%)	0.0
NOMINAL POWER(W)	72	LOR(%)	35.3	η street_down(%)	18.6
RATED VOLTAGE(V)	228	TOTAL FLUX(lm)	11556	η house_up(%)	0.0
NOMINAL FLUX(lm)	32770	MAXIMUM @ (C,γ)	90,47.0	η house_down(%)	16.6
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	227.5	η down(%)	35.3	SLI	



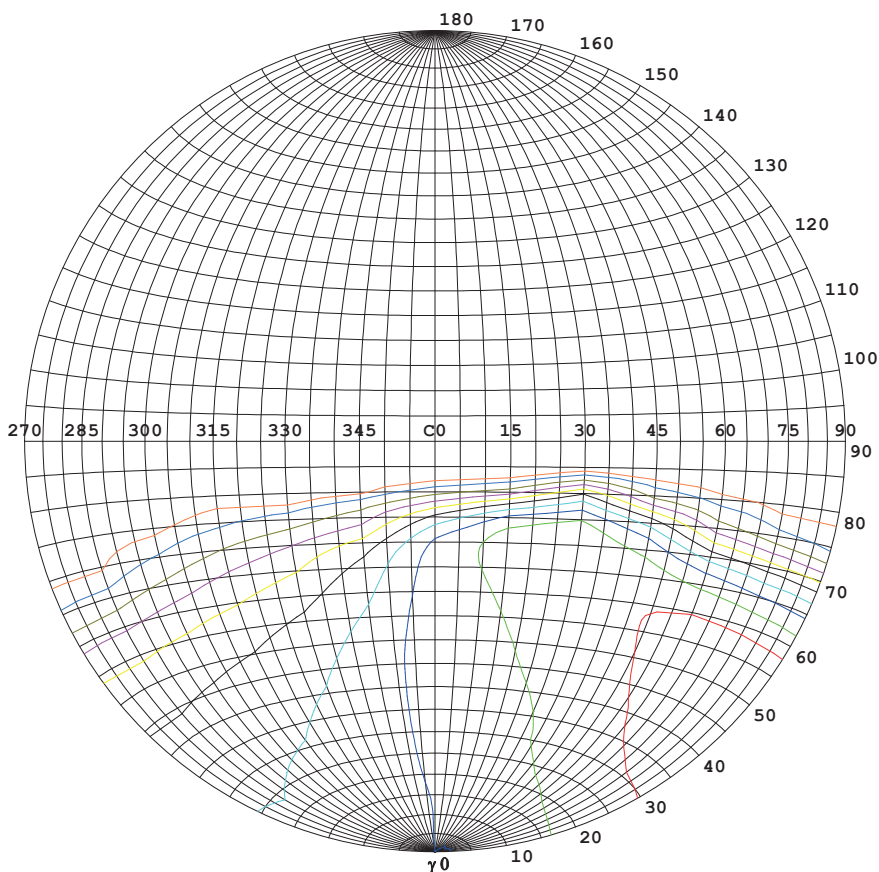
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-08-04

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:12.000m [K=1.0000]
Remarks:

Note: SLI:Specific Luminaire Index

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:227.5V I:0.3150A P:70.70W PF:0.9850 Lamp Flux:30738.3x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:1KG
DIM.: 595*340*140MM	SPEC.:75W	SERIAL No.:
MFR.:	SUR.:140*190MM	PROTECTION ANGLE:



Classification:

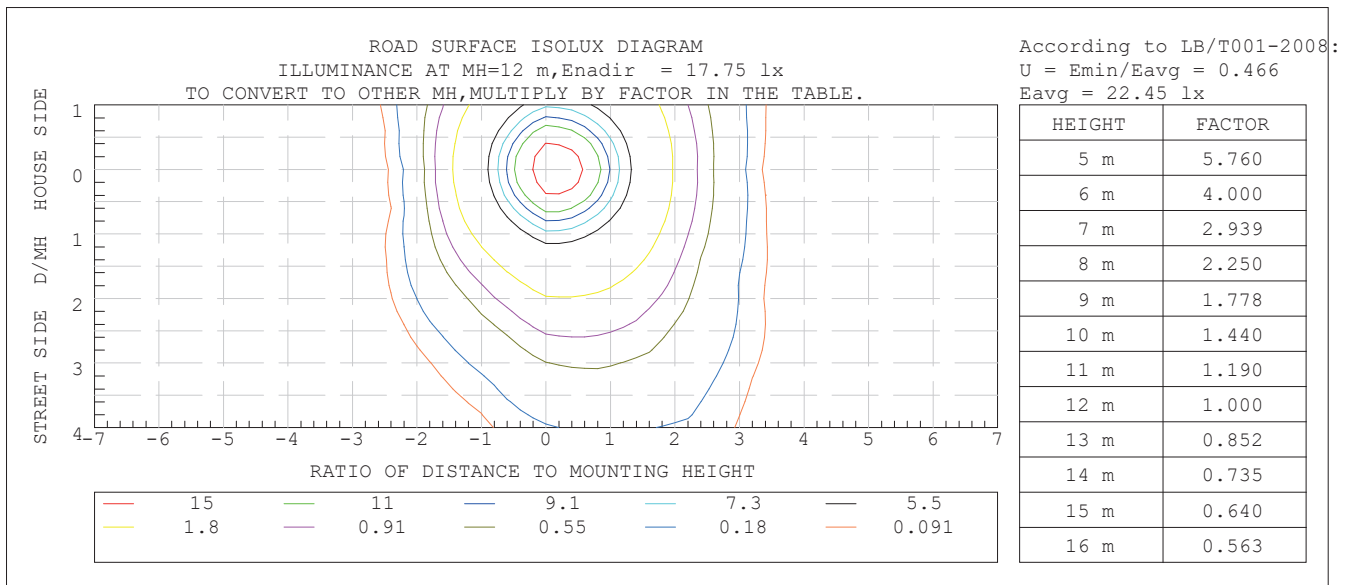
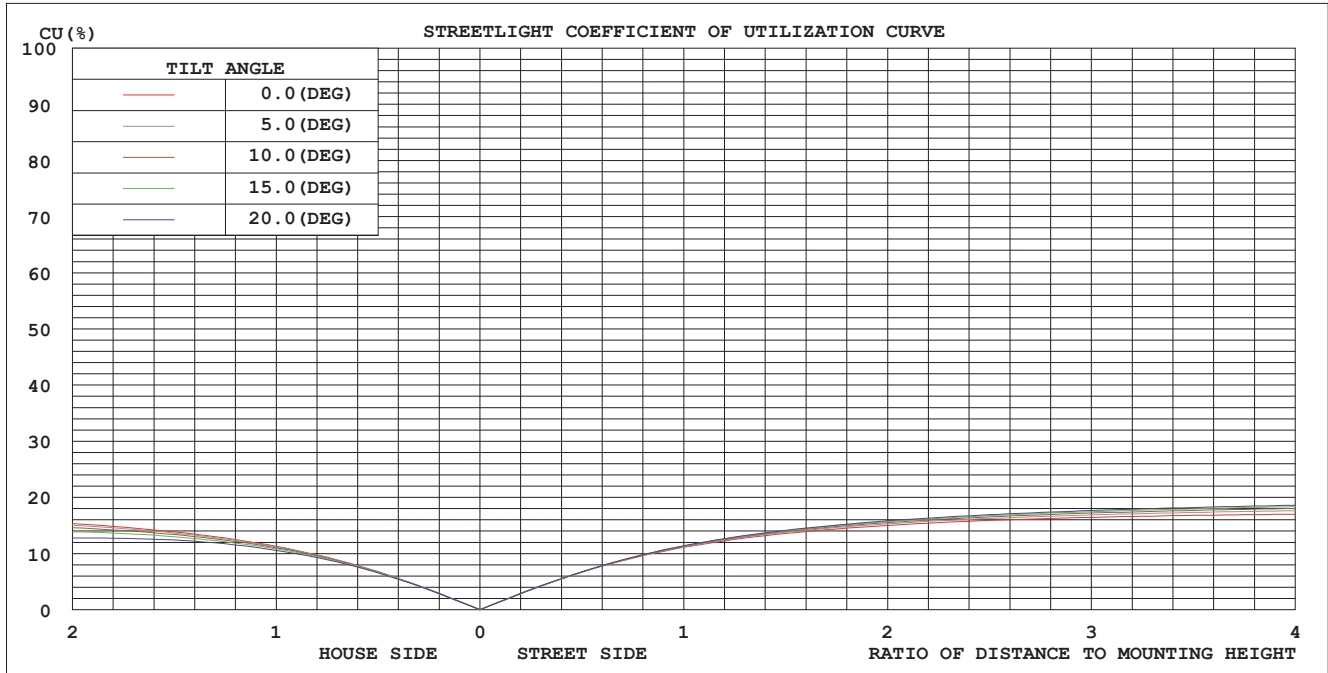
IES:Type IV - Very Short
CIE:Narrow - Short
IES:Cut-off
CIE:Semi-cut-off
Max.At80:58.76cd/klm
Max.At90:0.4048cd/klm
Max.80-90:58.76cd/klm
NRB 5101:Limited[2.3%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	3655
90%	3290
80%	2924
70%	2559
60%	2193
50%	1828
40%	1462
30%	1097
20%	731
10%	366
5%	183

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-08-04

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:12.000m [K=1.0000]
Remarks:

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-08-04

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 12.000m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:227.5V I:0.3150A P:70.70W PF:0.9850 Lamp Flux:30738.3x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:1KG
DIM.: 595*340*140MM	SPEC.:75W	SERIAL No.:
MFR.:	SUR.:140*190MM	PROTECTION ANGLE:

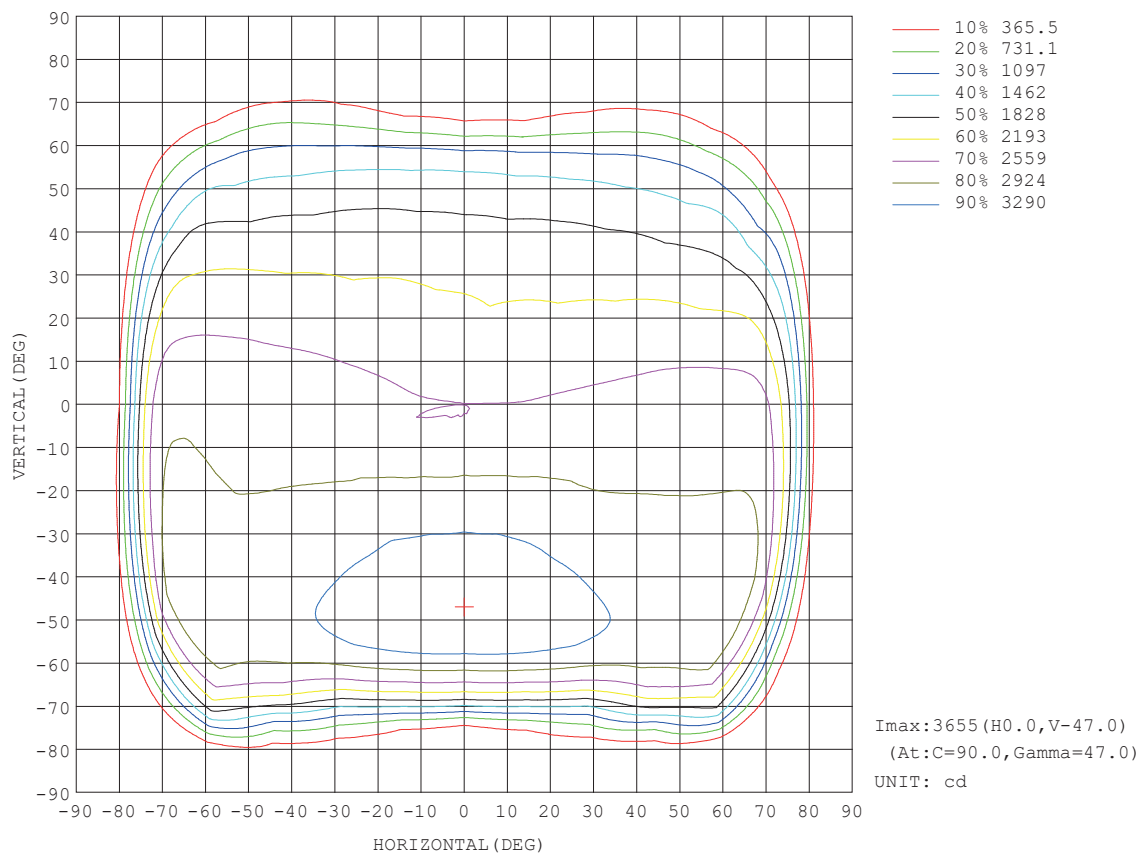
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	2576	2681	2753	2654	2614	2401	2307	2331	0- 10	240.6	240.6	2.08,0.73
20	2634	2859	3030	2851	2701	2344	2242	2275	10- 20	728.6	969.2	8.39,2.96
30	2690	3033	3303	3044	2770	2279	2135	2208	20- 30	1223	2192	19,6.69
40	2732	3131	3572	3160	2811	2163	1943	2078	30- 40	1684	3876	33.5,11.8
50	2765	3202	3634	3232	2833	1948	1619	1841	40- 50	2059	5935	51.4,18.1
60	2764	3260	3100	3253	2869	1563	958.4	1444	50- 60	2266	8202	71,25
70	2615	2819	1417	2734	2803	902.7	161.9	748.3	60- 70	2073	10275	88.9,31.4
80	591.9	628.0	144.9	678.0	358.1	97.48	32.03	81.22	70- 80	1167	11442	99,34.9
90	10.86	7.389	6.562	13.26	0	0	0	7.226	80- 90	114.3	11556	100,35.3
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		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-08-04

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:12.000m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

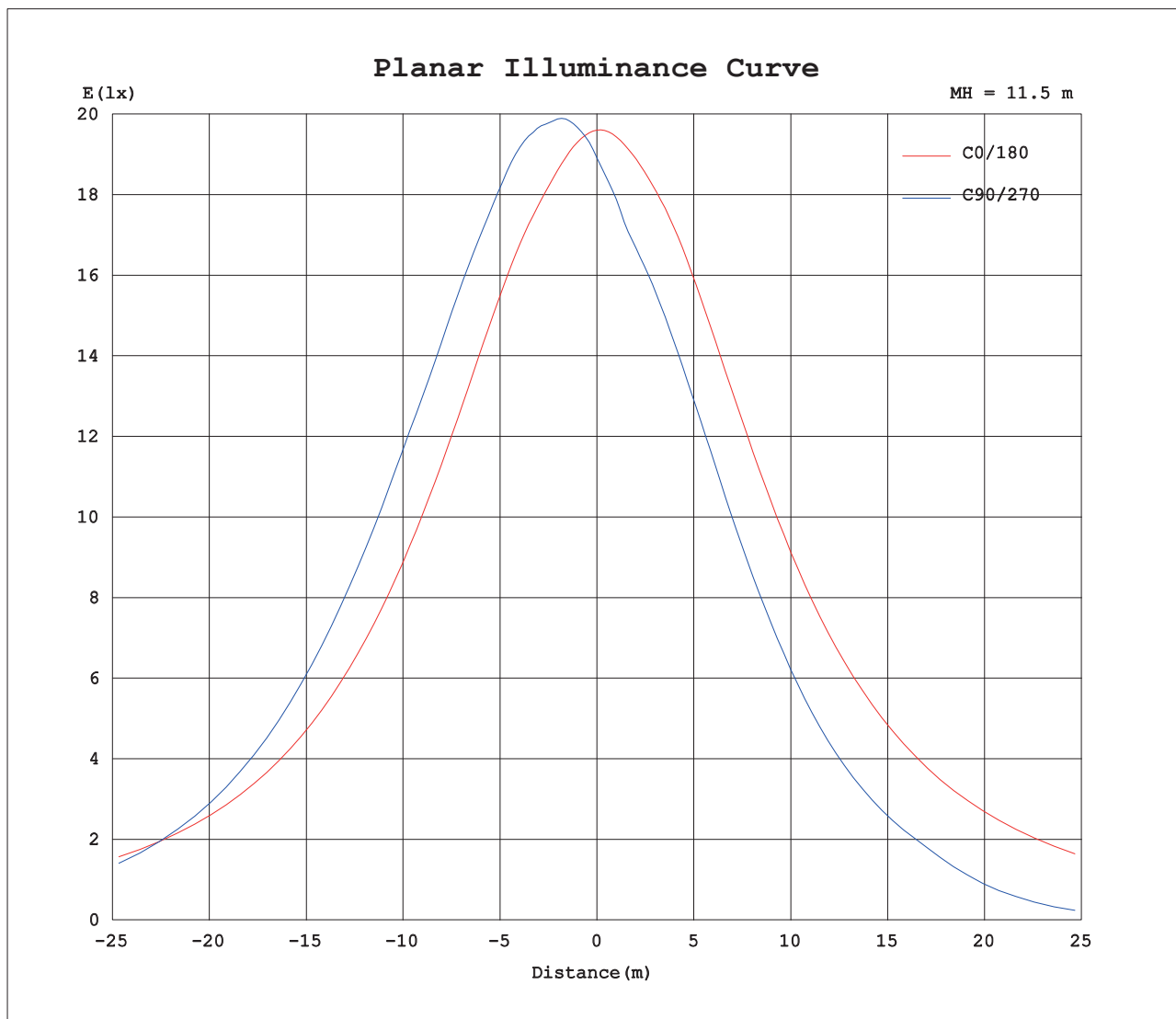
Test:U:227.5V I:0.3150A P:70.70W PF:0.9850 Lamp Flux:30738.3x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:1KG
DIM.: 595*340*140MM	SPEC.:75W	SERIAL No.:
MFR.:	SUR.:140*190MM	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-08-04

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:12.000m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-08-04

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 12.000m [K=1.0000]
Remarks:

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γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:12.000m [K=1.0000]
Remarks:

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γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:12.000m [K=1.0000]
Remarks:

```