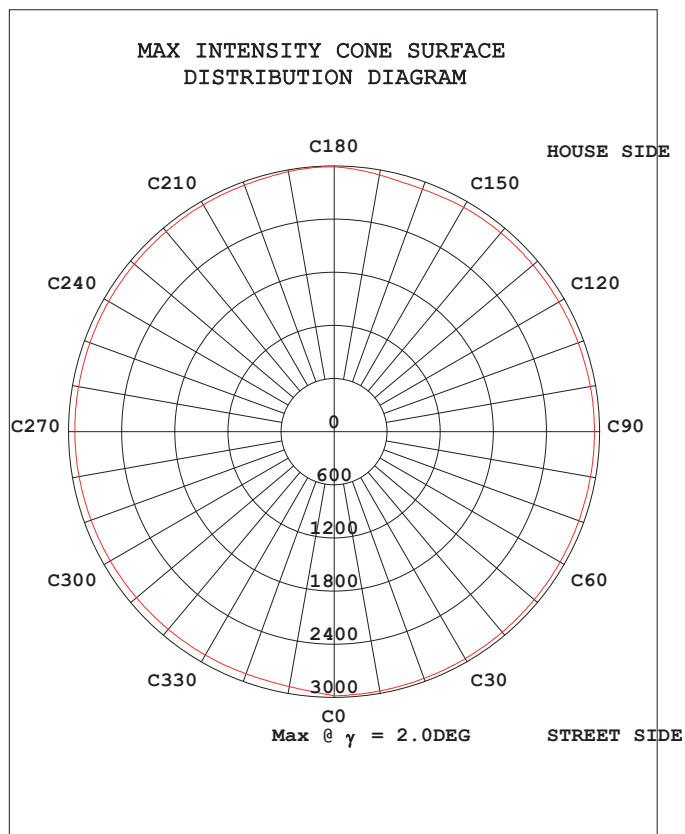
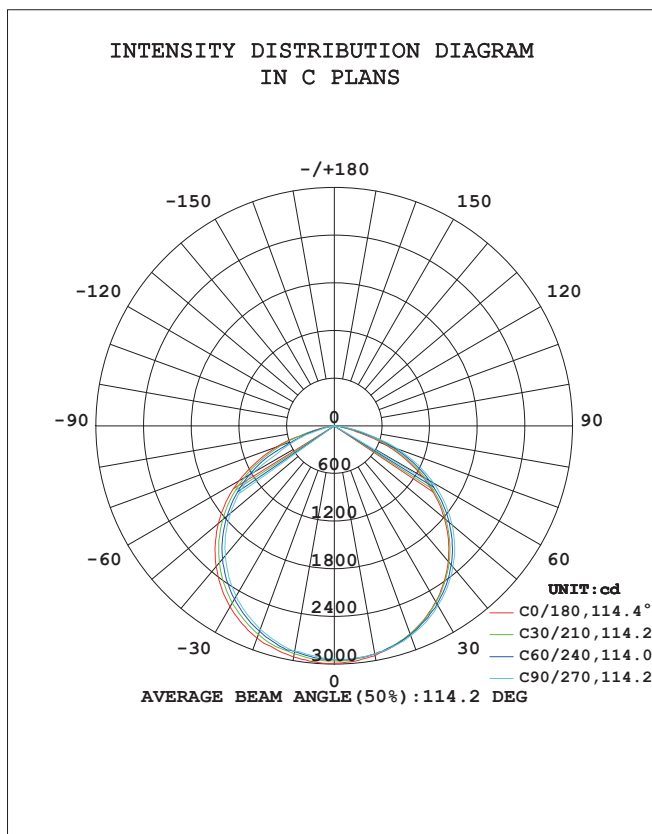


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:227.4V I:0.2260A P:49.70W PF:0.9670 Lamp Flux:30738.3x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:1KG
DIM.: 595*340*140MM	SPEC.:50W	SERIAL No.:
MFR.:	SUR.:140*140MM	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 155.05 lm/W			
MODEL	GS/RLS8-50W 120D	I _{max} (cd)	2991	η street_up(%)	0.0
NOMINAL POWER(W)	50	LOR(%)	25.1	η street_down(%)	13.2
RATED VOLTAGE(V)	228	TOTAL FLUX(lm)	8215	η house_up(%)	0.0
NOMINAL FLUX(lm)	32770	MAXIMUM @ (C,γ)	180,2.0	η house_down(%)	11.9
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	227.4	η down(%)	25.1	SLI	



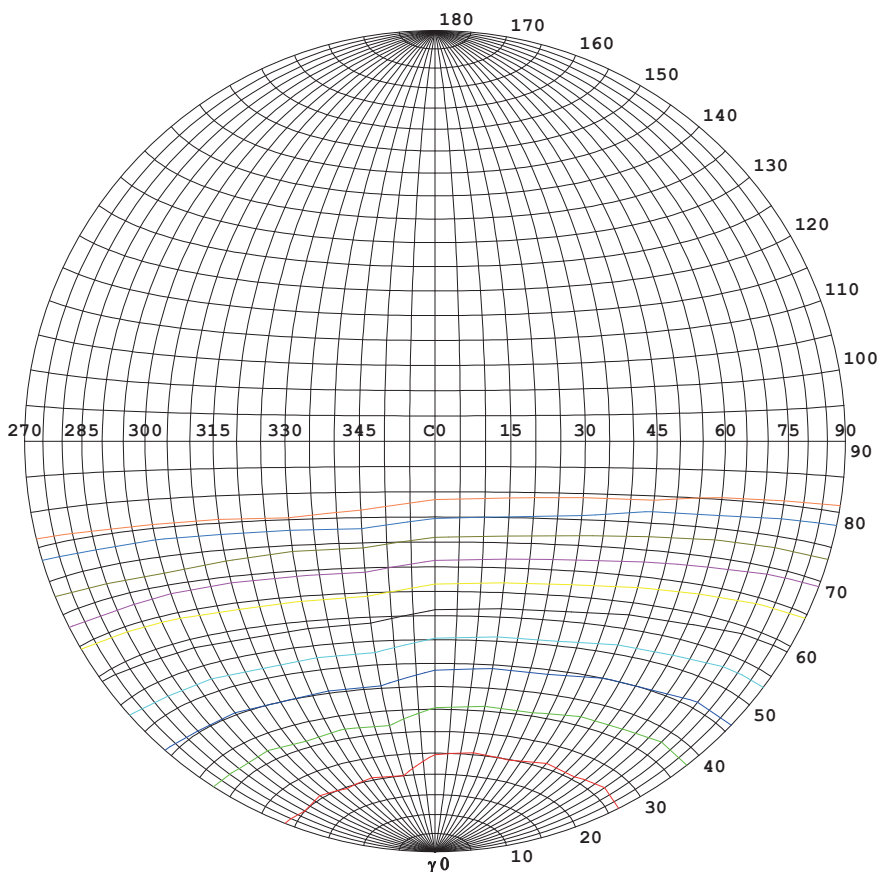
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-08-04

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:227.4V I:0.2260A P:49.70W PF:0.9670 Lamp Flux:30738.3x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:1KG
DIM.: 595*340*140MM	SPEC.:50W	SERIAL No.:
MFR.:	SUR.:140*140MM	PROTECTION ANGLE:



Classification:

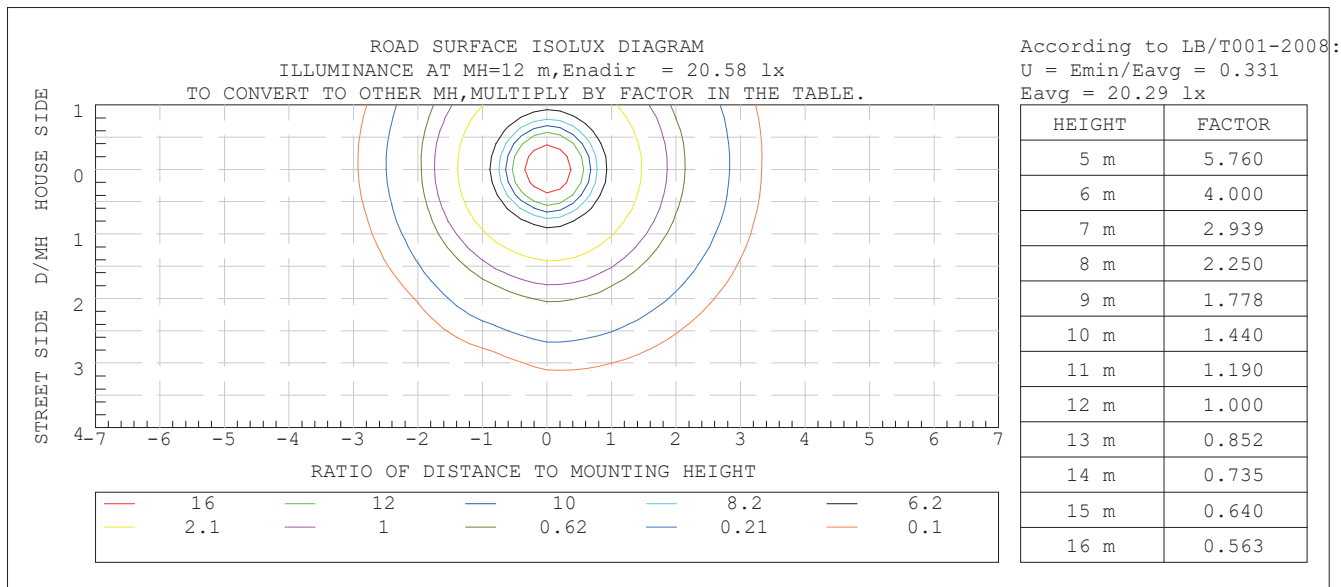
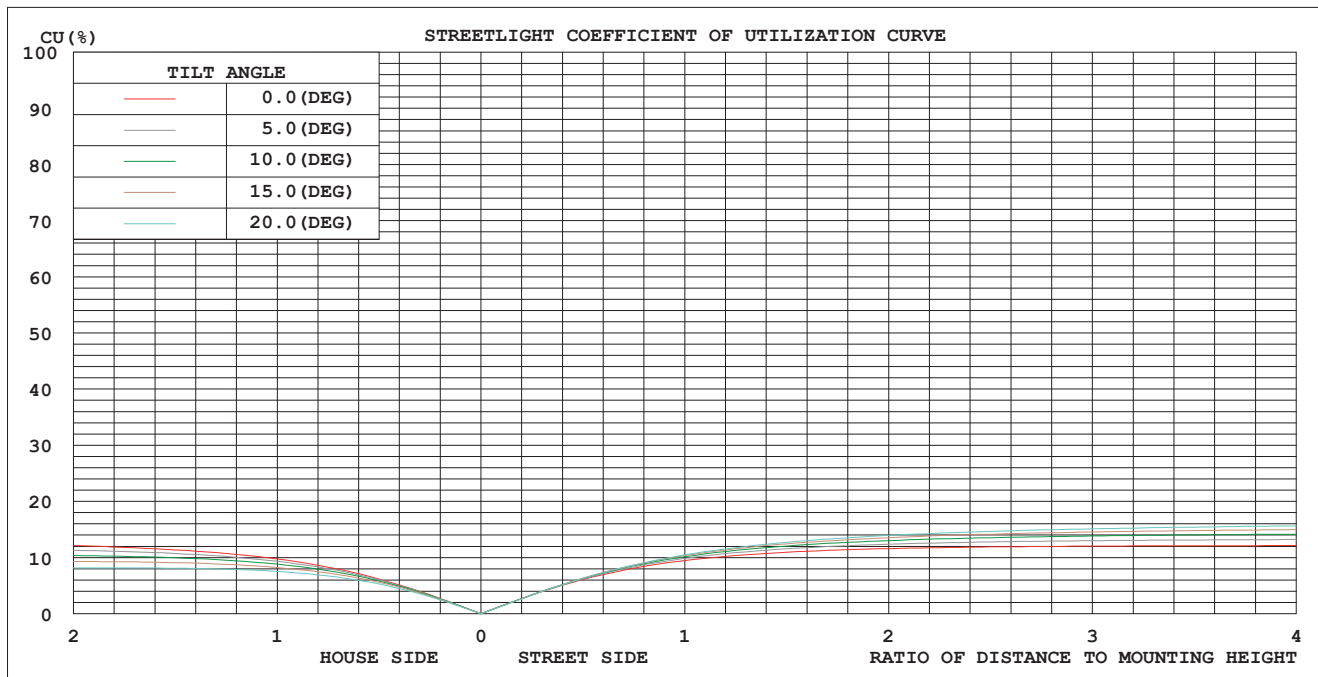
IES:Type II - Very Short
CIE:Narrow - Short
IES:Full cut-off
CIE:Full cut-off
Max.At80:7.259cd/klm
Max.At90:0cd/klm
Max.80-90:7.259cd/klm
NRB 5101:Limited[1.3%]

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	2991
90%	2692
80%	2393
70%	2094
60%	1795
50%	1496
40%	1197
30%	897
20%	598
10%	299
5%	150

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:227.4V I:0.2260A P:49.70W PF:0.9670 Lamp Flux:30738.3x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:1KG
DIM.: 595*340*140MM	SPEC.:50W	SERIAL No.:
MFR.:	SUR.:140*140MM	PROTECTION ANGLE:

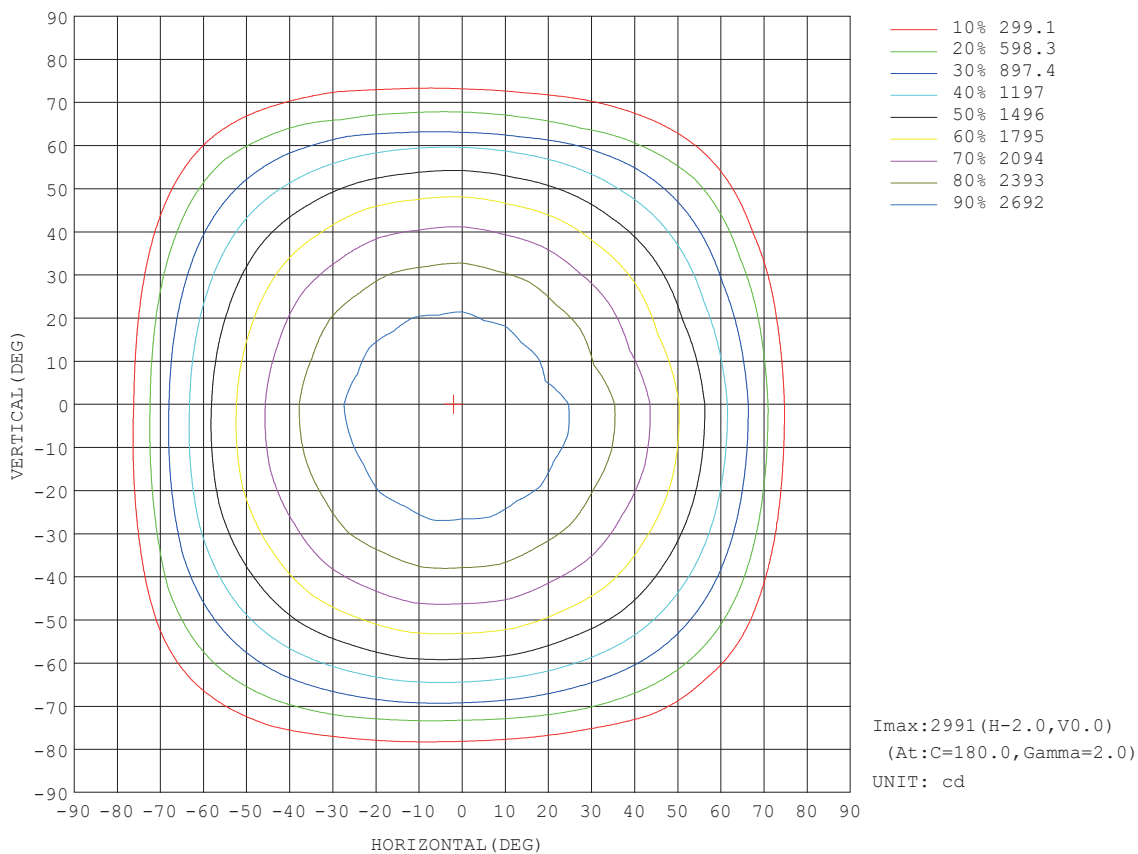
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	2937	2916	2915	2913	2953	2894	2885	2848	0- 10	278.8	278.8	3.39,0.85
20	2789	2807	2812	2831	2845	2754	2726	2685	10- 20	804.6	1083	13.2,3.31
30	2557	2593	2610	2641	2629	2527	2476	2433	20- 30	1233	2316	28.2,7.07
40	2234	2283	2324	2356	2316	2203	2134	2090	30- 40	1505	3822	46.5,11.7
50	1809	1878	1938	1976	1903	1782	1708	1652	40- 50	1576	5397	65.7,16.5
60	1282	1367	1446	1488	1389	1266	1168	1126	50- 60	1412	6809	82.9,20.8
70	664.2	755.6	848.8	898.7	768.5	644.7	481.6	442.5	60- 70	989.3	7798	94.9,23.8
80	82.46	122.5	196.7	237.9	141.1	66.94	22.58	8.979	70- 80	390.5	8189	99.7,25
90	0	0	0	0	0	0	0	0	80- 90	26.72	8215	100,25.1
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

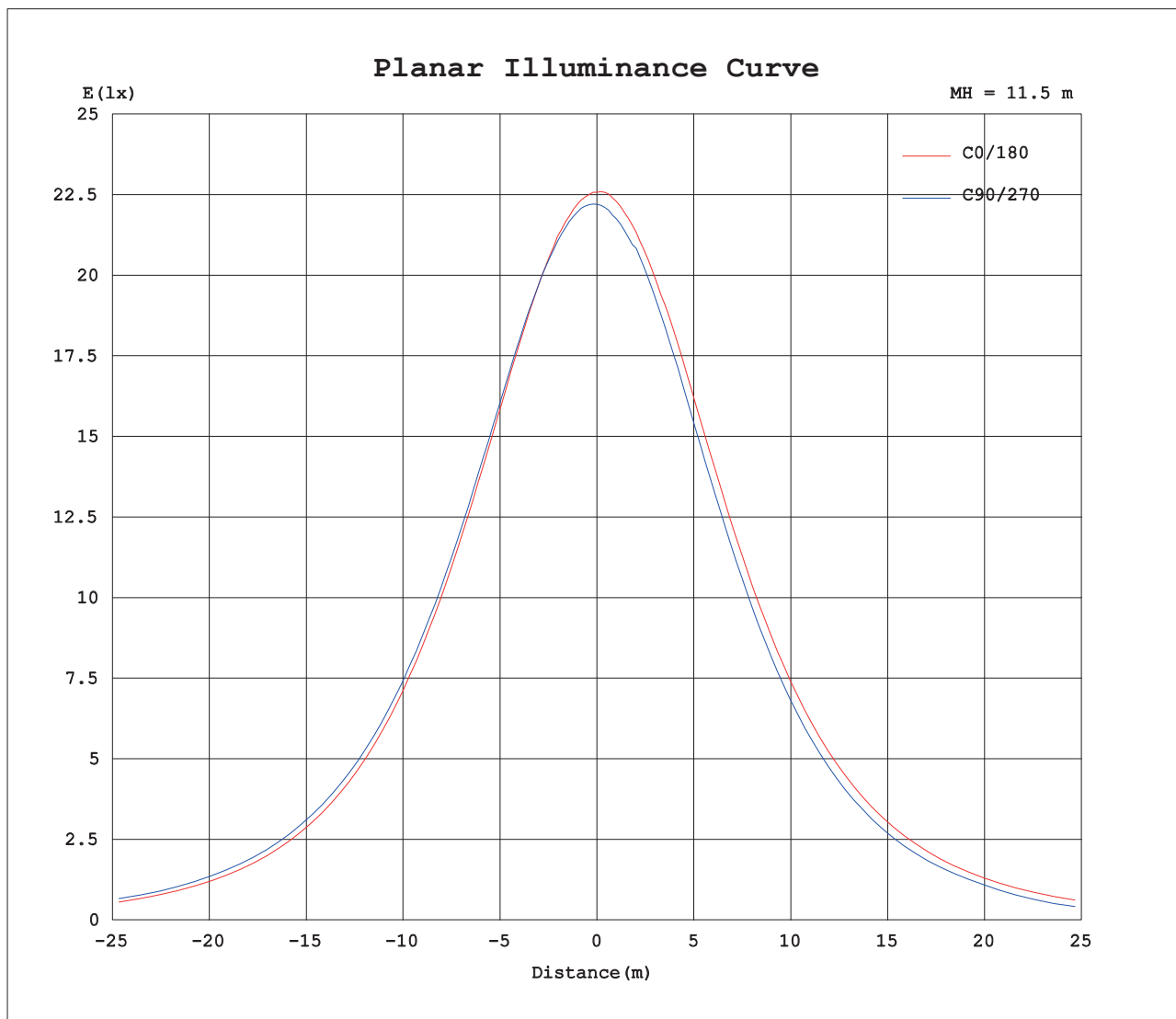
Test:U:227.4V I:0.2260A P:49.70W PF:0.9670 Lamp Flux:30738.3x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:1KG
DIM.: 595*340*140MM	SPEC.:50W	SERIAL No.:
MFR.:	SUR.:140*140MM	PROTECTION ANGLE:



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:

```

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:

```