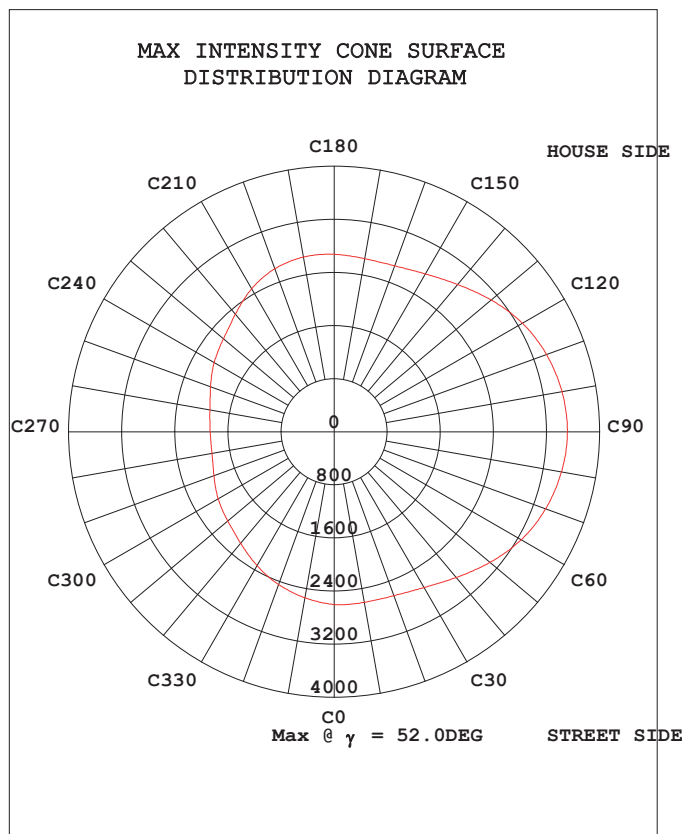
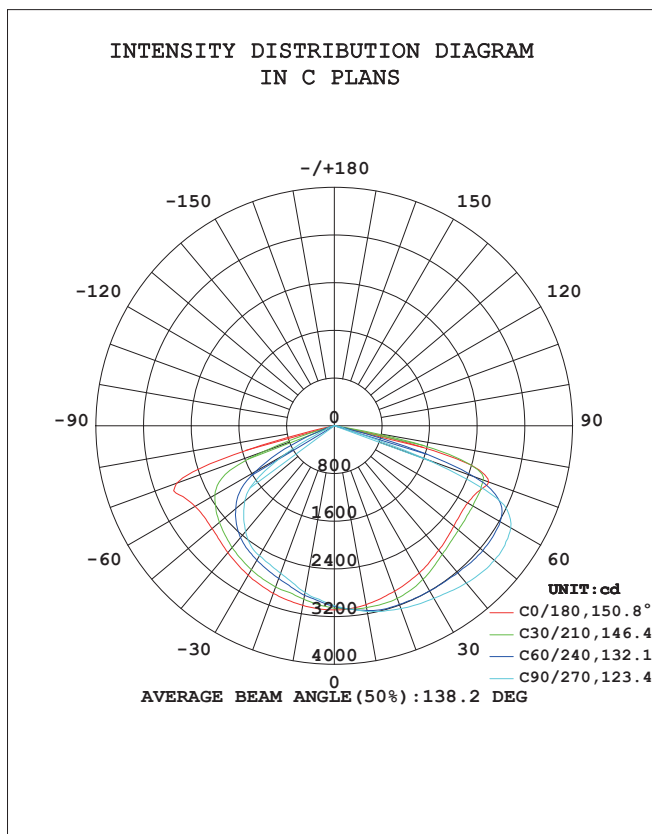


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:227.4V I:0.3160A P:70.80W 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: 155.10 lm/W			
MODEL	GS/RLS8-75W T3M	Imax(cd)	3513	η street_up(%)	0.0
NOMINAL POWER(W)	72	LOR(%)	35.7	η street_down(%)	19.1
RATED VOLTAGE(V)	228	TOTAL FLUX(lm)	11707	η house_up(%)	0.0
NOMINAL FLUX(lm)	32770	MAXIMUM @ (C, γ)	90,52.0	η house_down(%)	16.6
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	227.4	η down(%)	35.7	SLI	



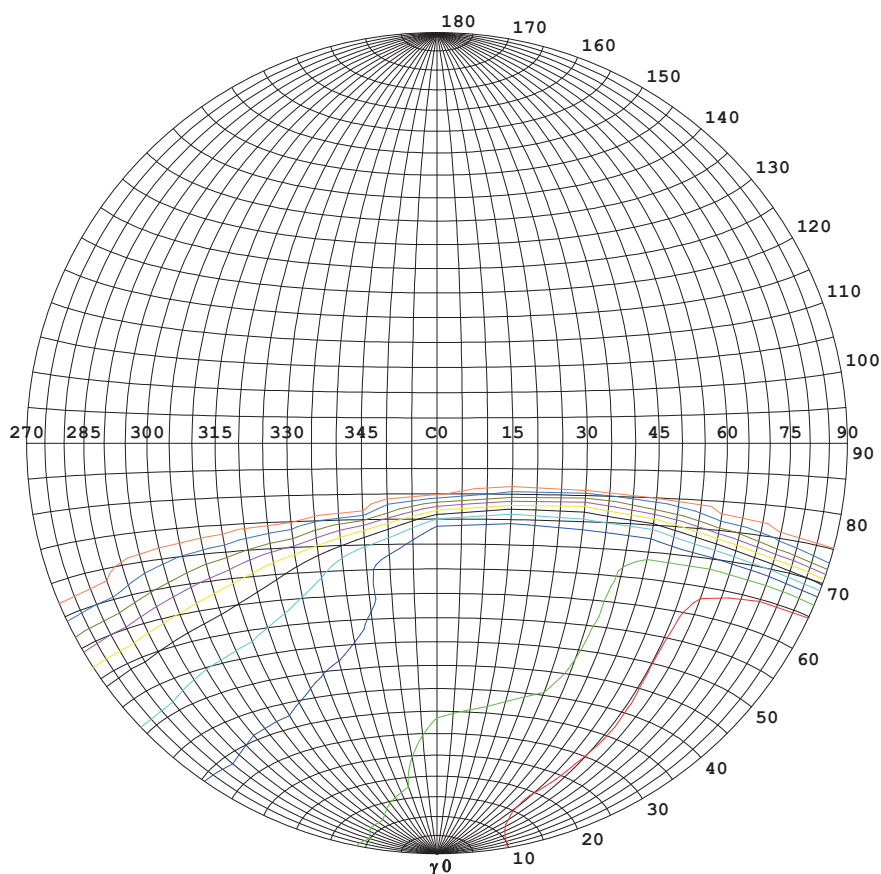
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-08-04

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:0.3160A P:70.80W 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:

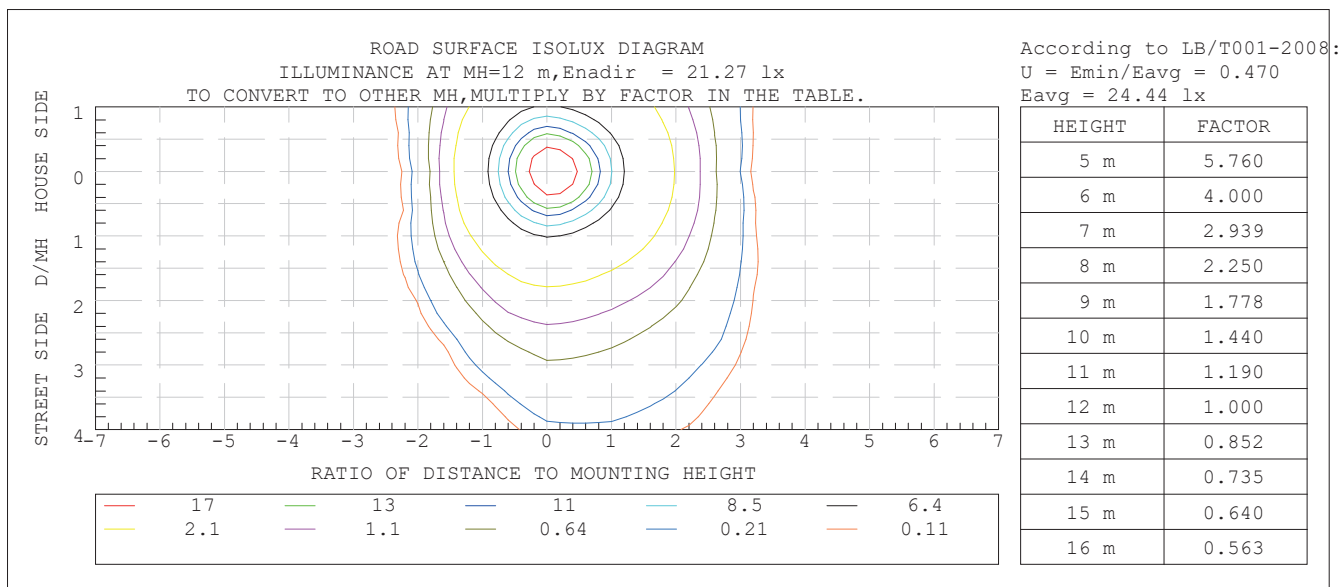
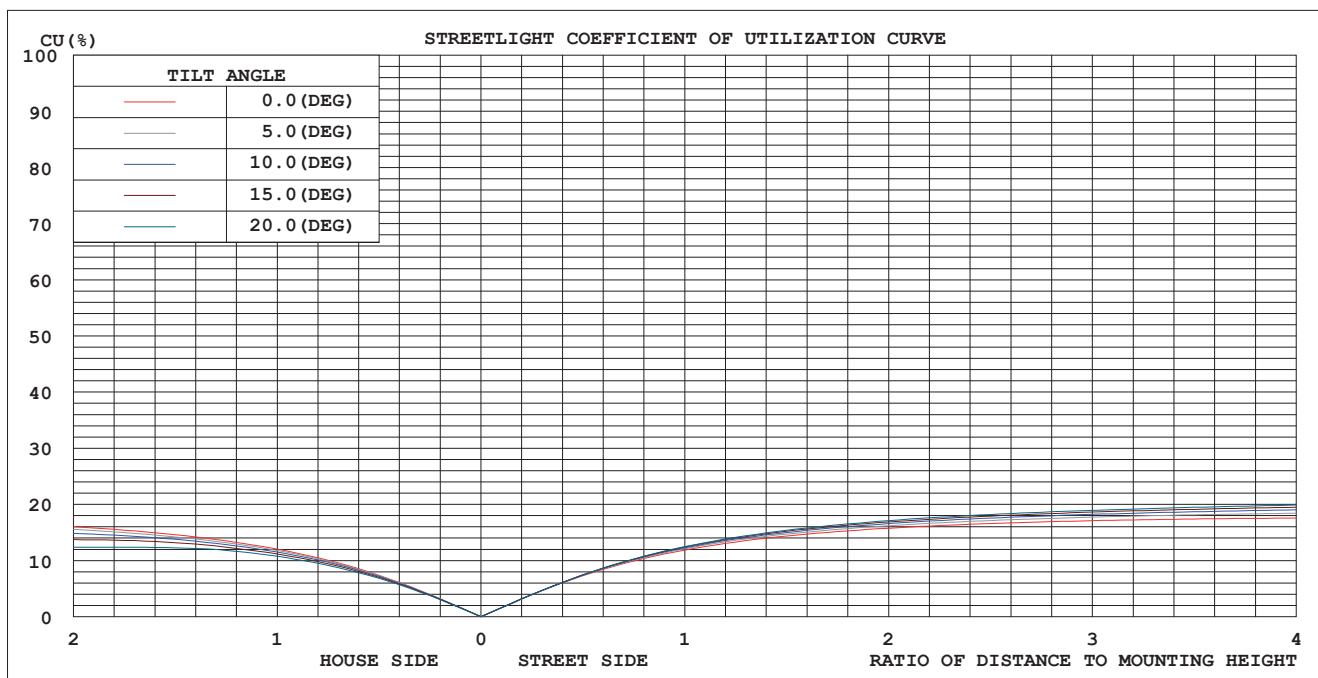
IES:Type IV - Very Short
CIE:Narrow - Short
IES:Cut-off
CIE:Full cut-off
Max.At80:15.07cd/klm
Max.At90:0.2320cd/klm
Max.80-90:15.07cd/klm
NRB 5101:Limited[0.8%]

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	3513
90%	3162
80%	2811
70%	2459
60%	2108
50%	1757
40%	1405
30%	1054
20%	703
10%	351
5%	176

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:0.3160A P:70.80W 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:

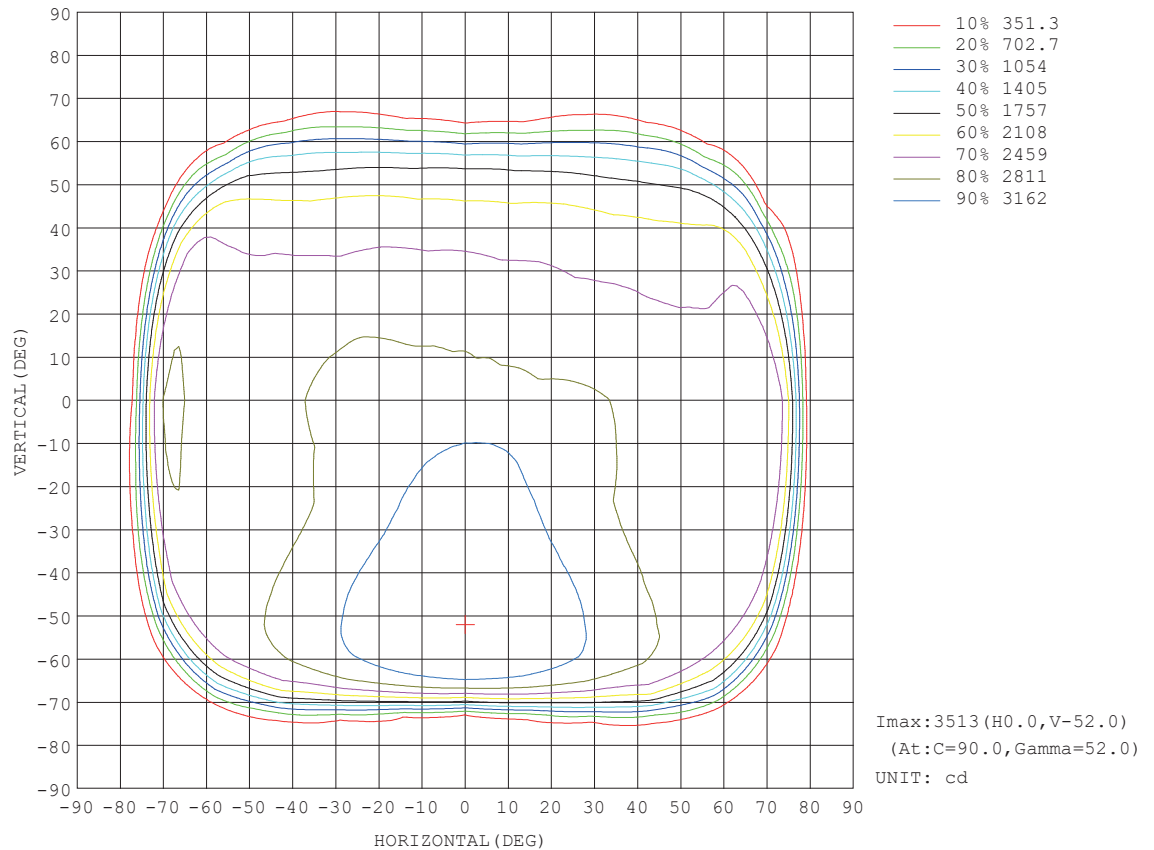
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	3047	3126	3164	3080	3056	2913	2838	2838	0- 10	287.3	287.3	2.45,0.88
20	2954	3146	3262	3120	2992	2783	2634	2680	10- 20	840.6	1128	9.63,3.44
30	2850	3091	3342	3065	2895	2678	2518	2569	20- 30	1344	2472	21.1,7.54
40	2725	3001	3443	3008	2780	2518	2315	2411	30- 40	1775	4247	36.3,13
50	2621	2963	3508	2994	2681	2292	1966	2193	40- 50	2104	6351	54.2,19.4
60	2586	2930	3422	2962	2701	1892	975.9	1772	50- 60	2288	8638	73.8,26.4
70	2760	2735	1666	2678	2822	607.4	133.0	532.2	60- 70	2119	10757	91.9,32.8
80	139.8	158.2	106.4	131.7	62.97	35.69	22.87	38.07	70- 80	914.4	11672	99.7,35.6
90	3.879	6.357	7.162	3.647	0	0	0	0	80- 90	35.63	11707	100,35.7
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

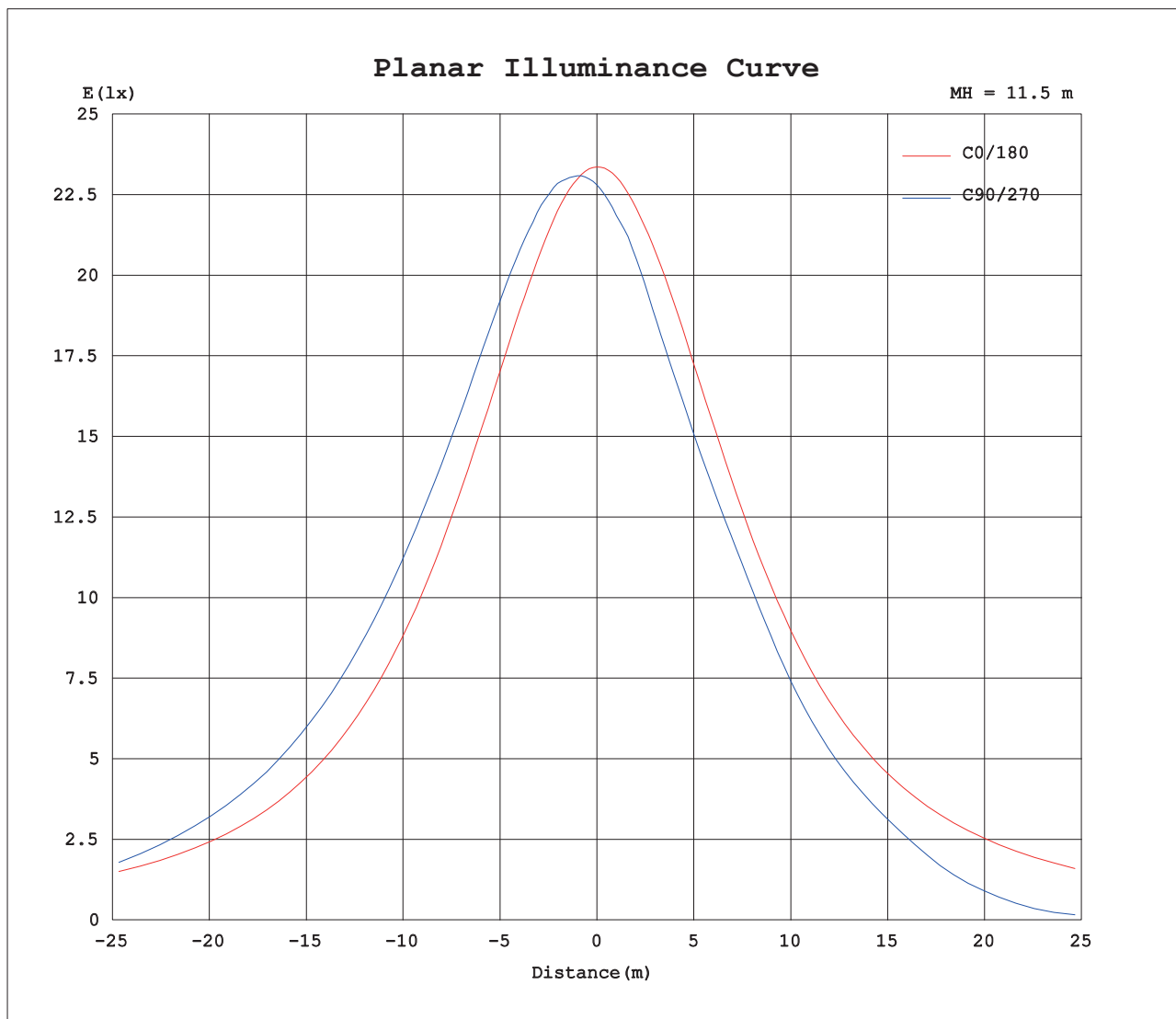
Test:U:227.4V I:0.3160A P:70.80W PF:0.9850 Lamp Flux:30738.3x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:1KG
DIM.: 595*340*140MM	SPEC.:75W	SERIAL No.:
MFR.:	SUR.:140*190MM	PROTECTION ANGLE:



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:

```