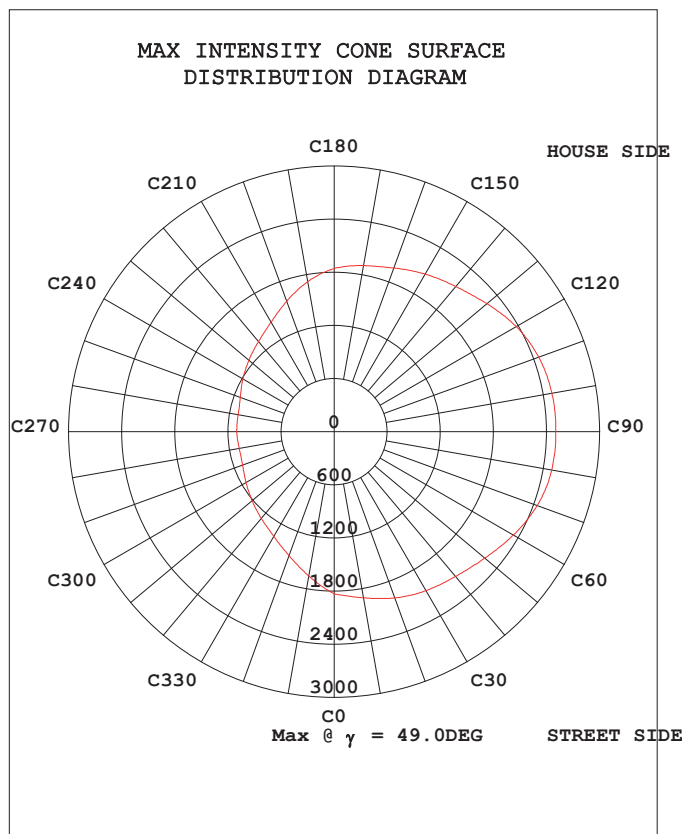
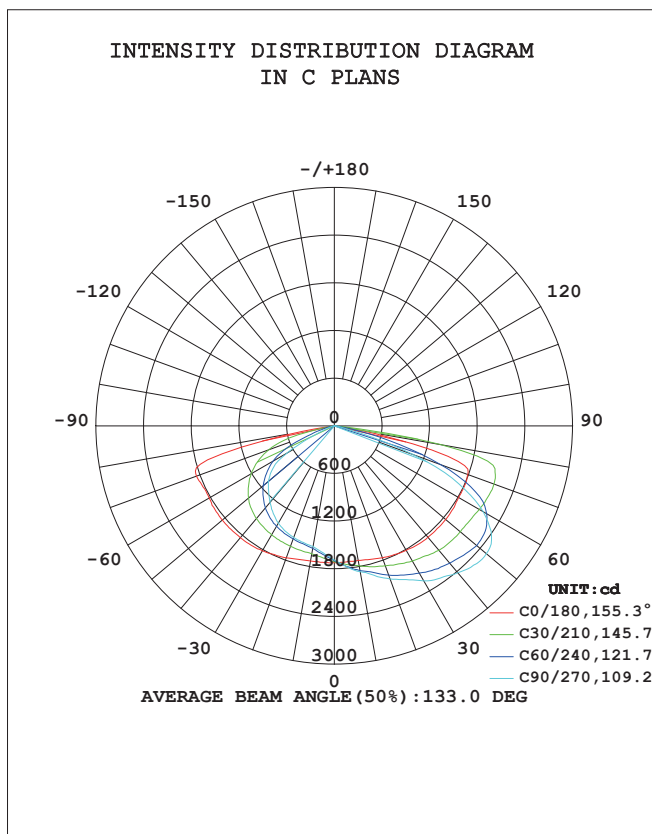


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:227.2V I:0.2270A P:49.90W 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: 146.68 lm/W			
MODEL	GS/RLS8-50W T4M	I _{max} (cd)	2505	η street_up(%)	0.0
NOMINAL POWER(W)	50	LOR(%)	23.8	η street_down(%)	12.6
RATED VOLTAGE(V)	228	TOTAL FLUX(lm)	7803	η house_up(%)	0.0
NOMINAL FLUX(lm)	32770	MAXIMUM @ (C,γ)	90,49.0	η house_down(%)	11.2
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	227.1	η down(%)	23.8	SLI	



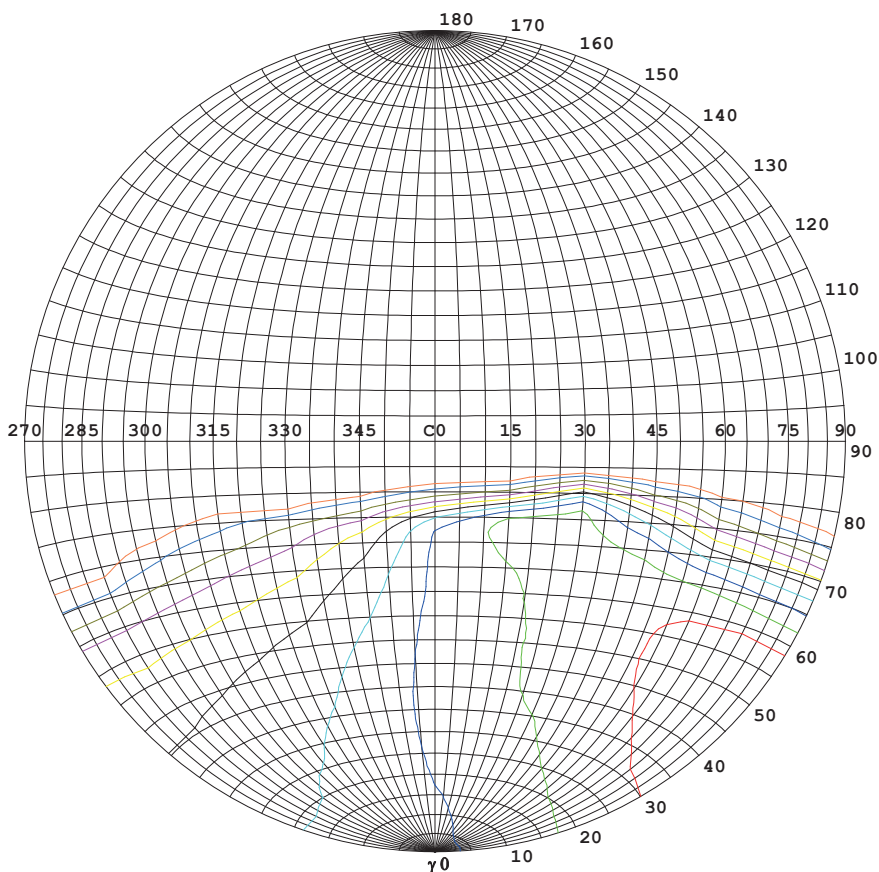
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-08-04

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:227.2V I:0.2270A P:49.90W 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:

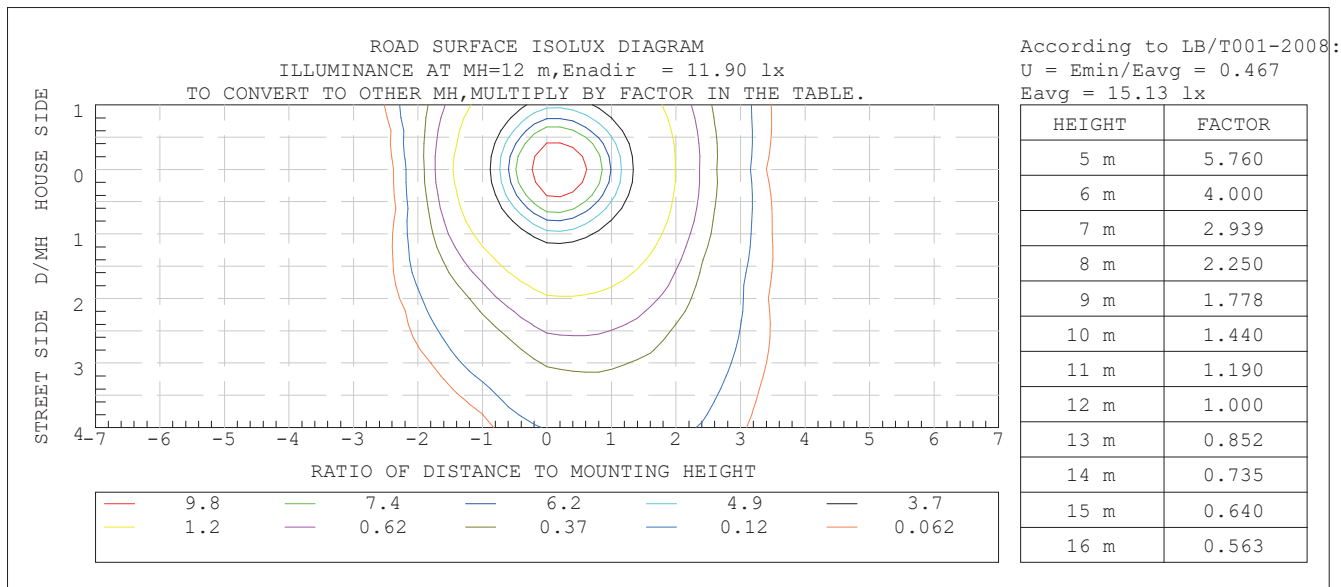
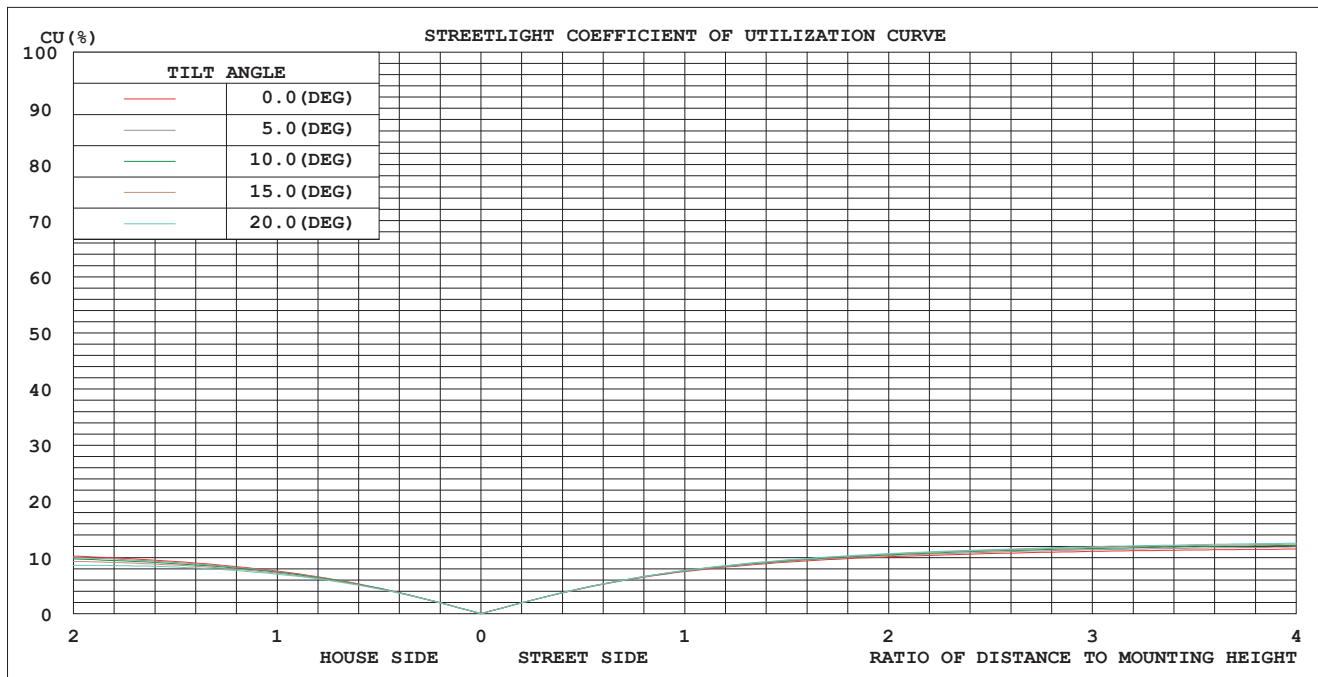
IES:Type IV - Very Short
CIE:Narrow - Short
IES:Full cut-off
CIE:Semi-cut-off
Max.At80:46.58cd/klm
Max.At90:0cd/klm
Max.80-90:46.58cd/klm
NRB 5101:Limited[2.3%]

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	2505
90%	2254
80%	2004
70%	1753
60%	1503
50%	1252
40%	1002
30%	751
20%	501
10%	250
5%	125

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:227.2V I:0.2270A P:49.90W 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:

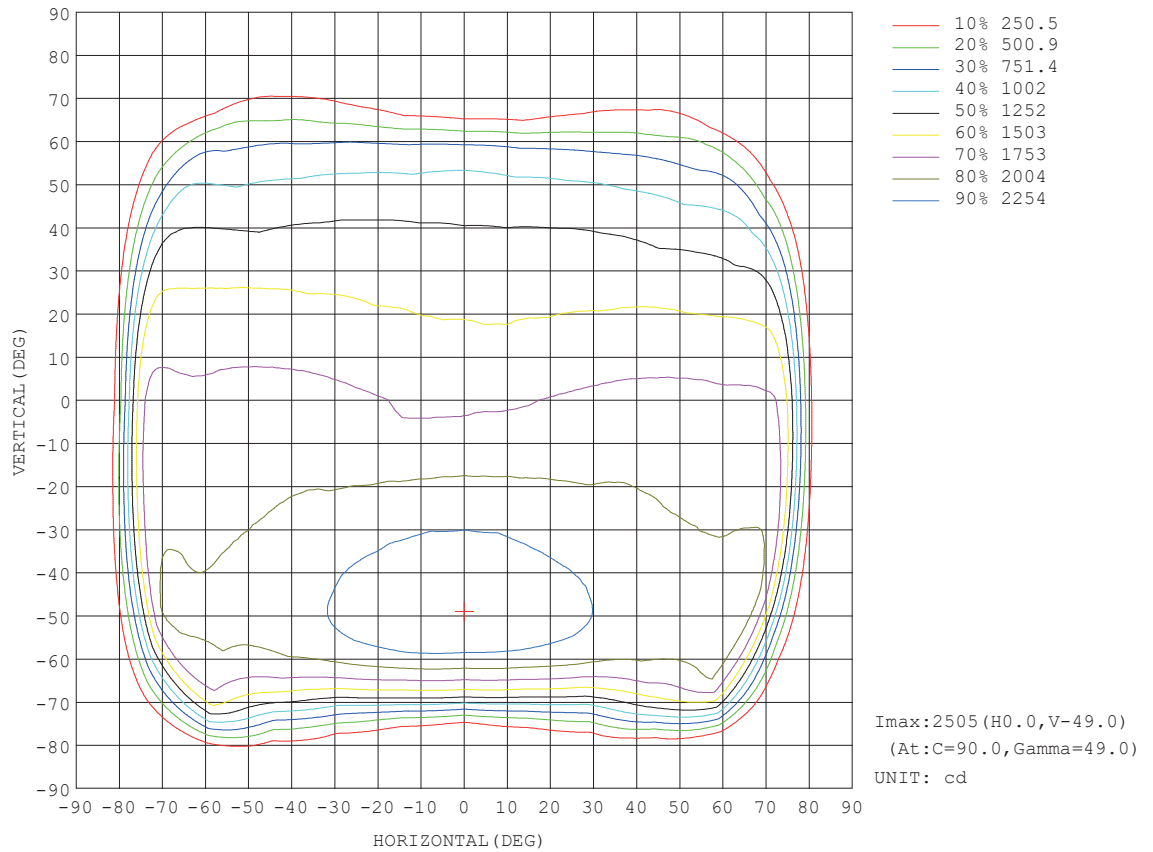
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1721	1824	1863	1812	1726	1602	1545	1582	0- 10	162.3	162.3	2.08,0.50
20	1768	1940	2049	1926	1766	1549	1496	1532	10- 20	489.7	652.0	8.36,1.99
30	1811	2059	2252	2047	1816	1500	1413	1477	20- 30	820.5	1473	18.9,4.49
40	1834	2140	2414	2138	1841	1424	1260	1386	30- 40	1131	2603	33.4,7.94
50	1830	2178	2500	2190	1842	1271	1083	1224	40- 50	1383	3986	51.1,12.2
60	1808	2175	2162	2188	1819	1021	691.3	949.5	50- 60	1517	5503	70.5,16.8
70	1788	1915	1041	1858	1848	625.5	90.46	441.6	60- 70	1386	6889	88.3,21
80	333.6	532.7	74.25	537.3	412.7	60.23	0	14.65	70- 80	836.5	7726	99,23.6
90	0	0	0	0	0	0	0	0	80- 90	77.59	7803	100,23.8
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

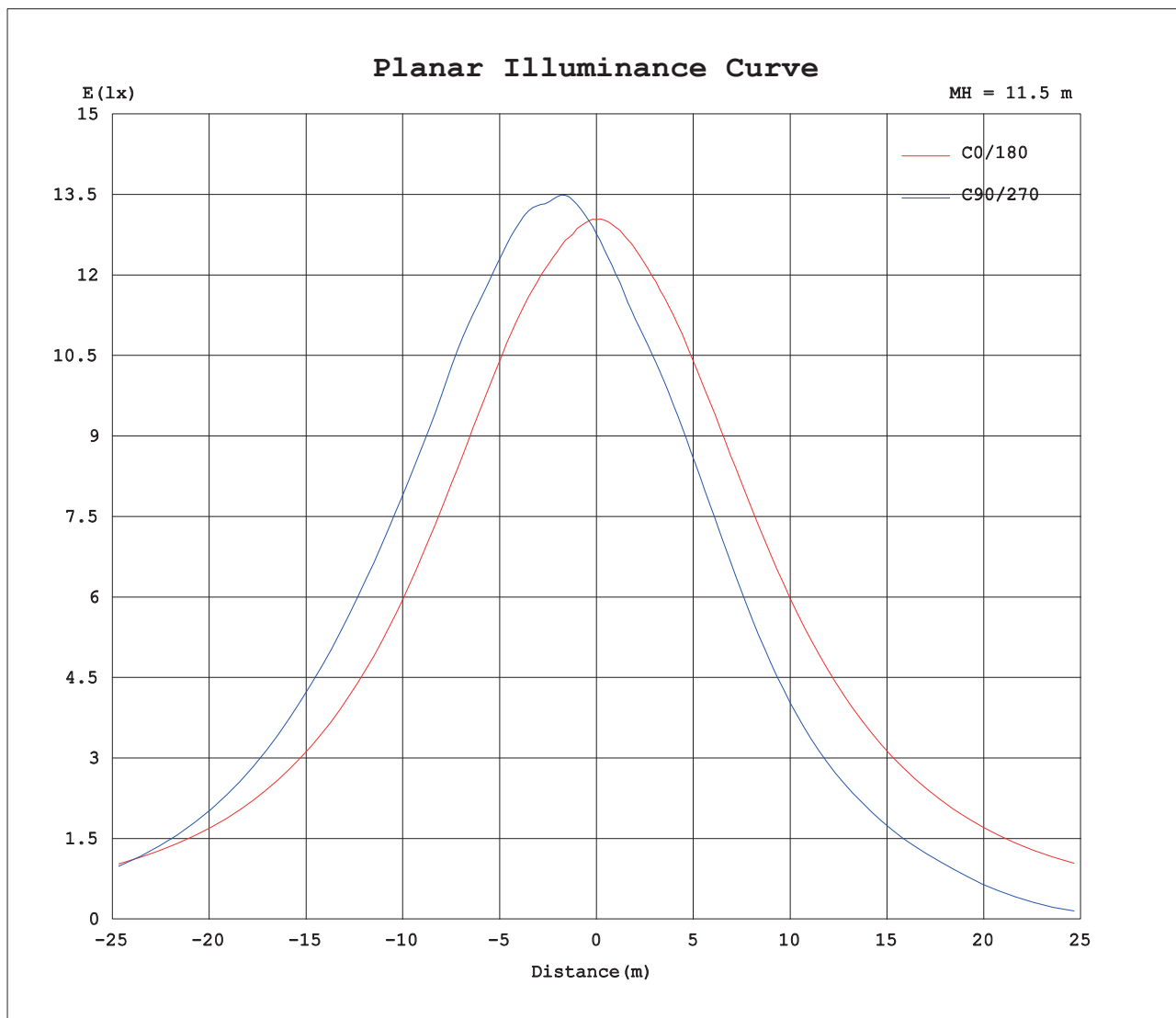
Test:U:227.2V I:0.2270A P:49.90W PF:0.9670 Lamp Flux:30738.3x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:1KG
DIM.: 595*340*140MM	SPEC.:50W	SERIAL No.:
MFR.:	SUR.:140*140MM	PROTECTION ANGLE:



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:

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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:

```