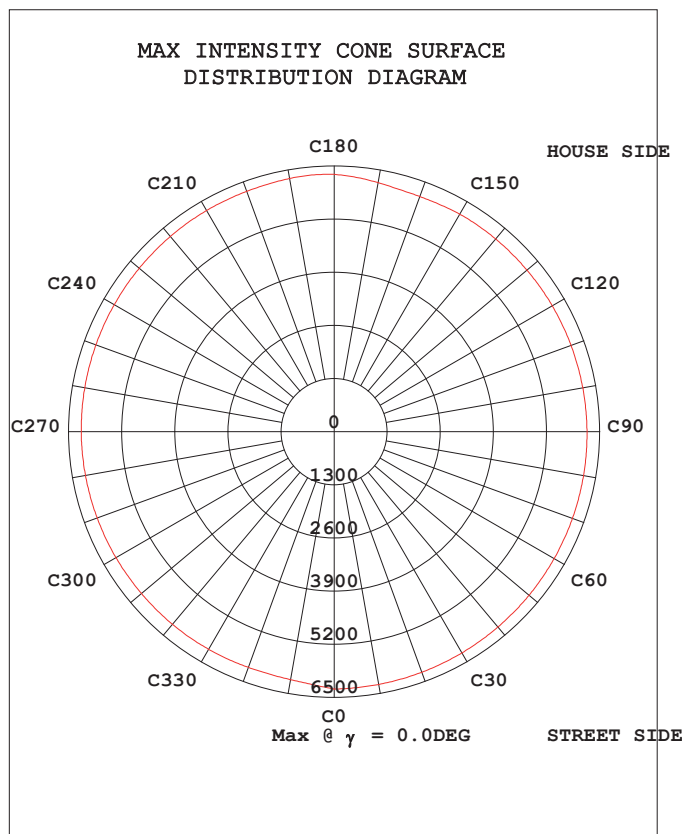
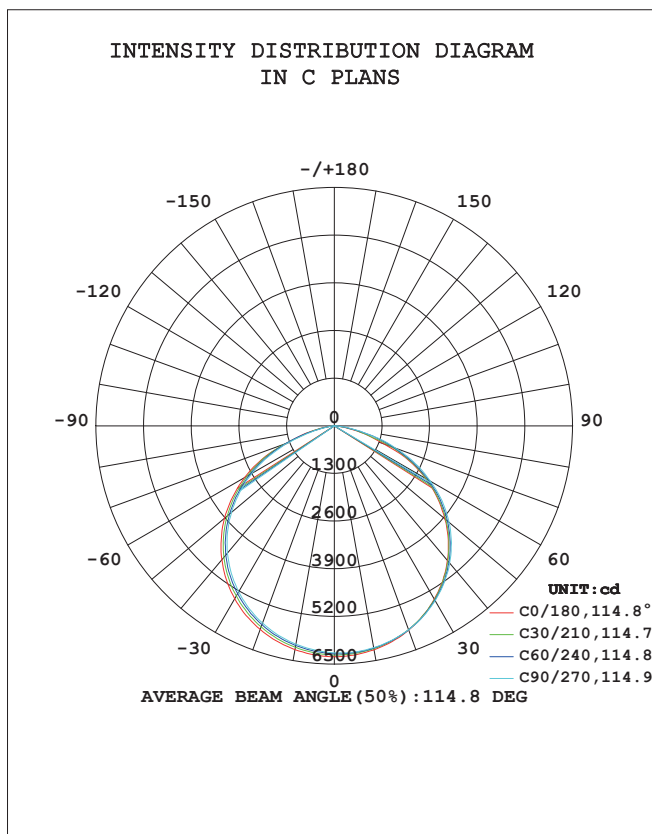


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:227.3V I:0.4520A P:99.40W PF:0.9670 Lamp Flux:30738.3x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:2KG
DIM.: 595*340*140MM	SPEC.:100W	SERIAL No.:
MFR.:	SUR.:190*190MM	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 166.13 lm/W			
MODEL	GS/RLS8-100W 120D	I _{max} (cd)	6297	η street_up(%)	0.0
NOMINAL POWER(W)	100	LOR(%)	53.7	η street_down(%)	28.8
RATED VOLTAGE(V)	228	TOTAL FLUX(lm)	17605	η house_up(%)	0.0
NOMINAL FLUX(lm)	32770	MAXIMUM @ (C,γ)	0,0.0	η house_down(%)	24.9
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	227.1	η down(%)	53.7	SLI	



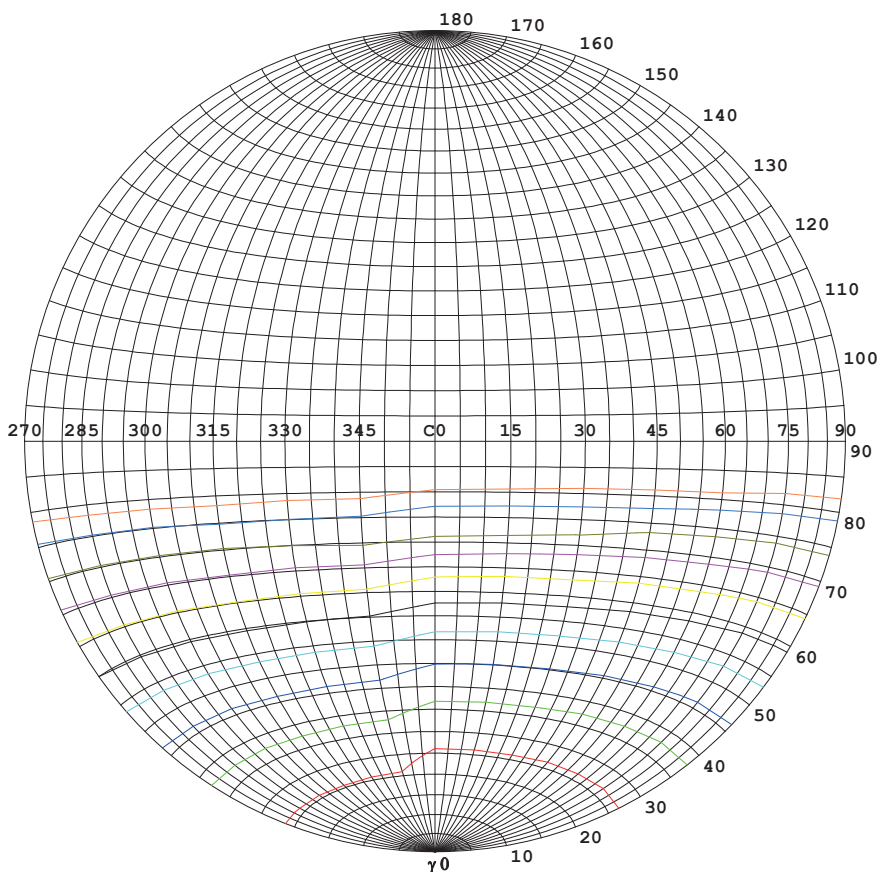
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-08-04

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:227.3V I:0.4520A P:99.40W PF:0.9670 Lamp Flux:30738.3x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:2KG
DIM.: 595*340*140MM	SPEC.:100W	SERIAL No.:
MFR.:	SUR.:190*190MM	PROTECTION ANGLE:



Classification:

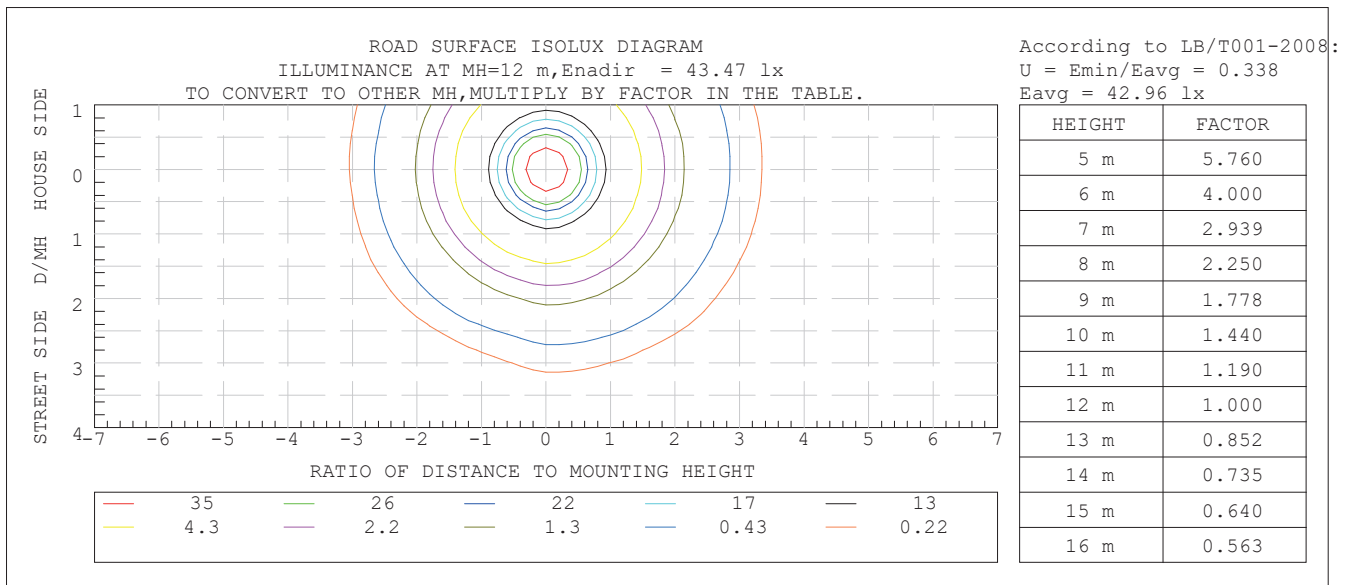
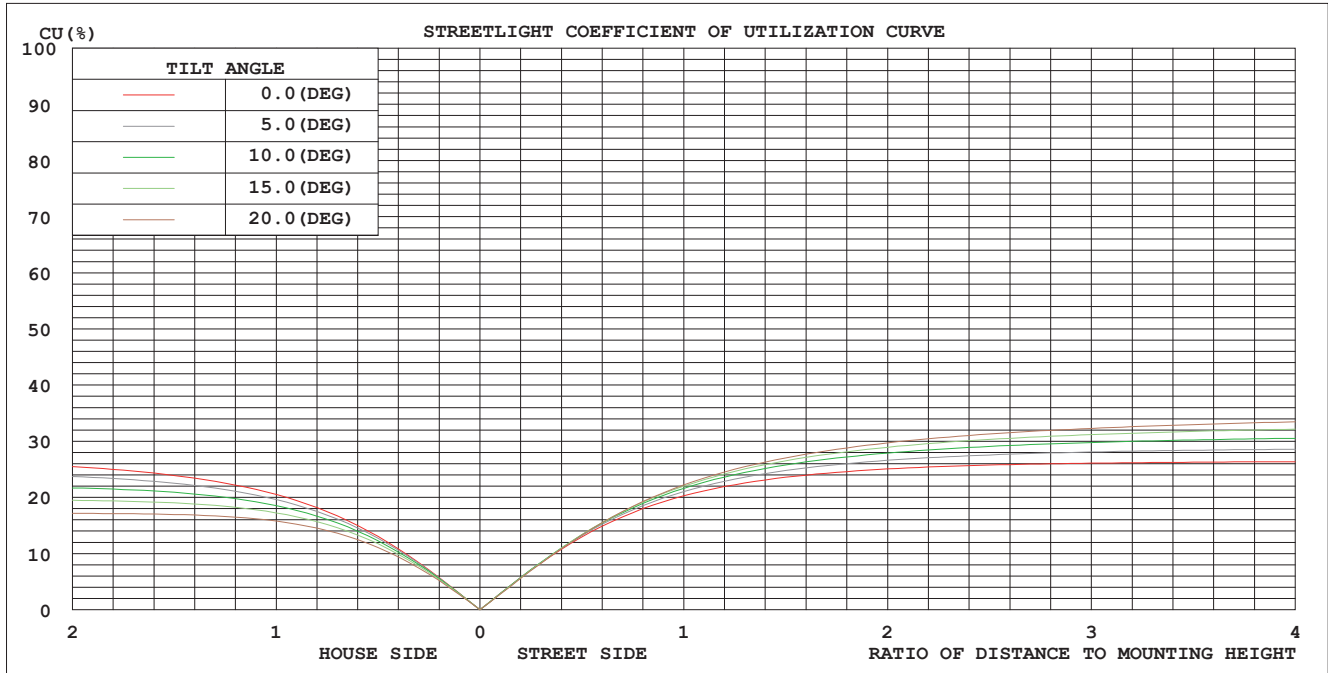
IES:Type II - Very Short
CIE:Narrow - Short
IES:Cut-off
CIE:Full cut-off
Max.At80:16.42cd/klm
Max.At90:0.8305cd/klm
Max.80-90:16.42cd/klm
NRB 5101:Limited[3.0%]

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	6297
90%	5667
80%	5037
70%	4408
60%	3778
50%	3148
40%	2519
30%	1889
20%	1259
10%	630
5%	315

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:227.3V I:0.4520A P:99.40W PF:0.9670 Lamp Flux:30738.3x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:2KG
DIM.: 595*340*140MM	SPEC.:100W	SERIAL No.:
MFR.:	SUR.:190*190MM	PROTECTION ANGLE:

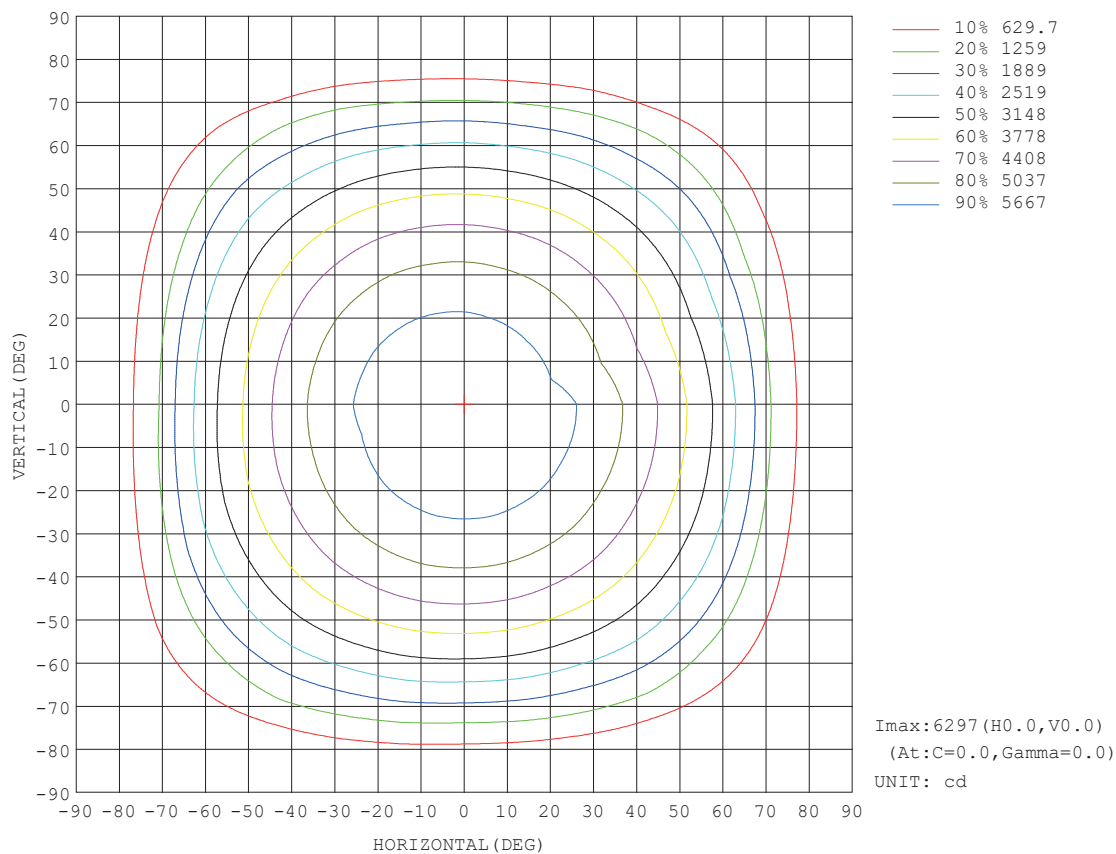
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	6202	6164	6143	6108	6194	6101	6044	6008	0- 10	587.3	587.3	3.34,1.79
20	5929	5921	5919	5888	5914	5800	5727	5689	10- 20	1693	2280	13,6.96
30	5460	5485	5504	5482	5442	5312	5225	5189	20- 30	2595	4875	27.7,14.9
40	4802	4848	4895	4878	4775	4632	4539	4501	30- 40	3174	8048	45.7,24.6
50	3940	4007	4083	4071	3909	3757	3657	3620	40- 50	3333	11381	64.6,34.7
60	2874	2959	3037	3056	2839	2686	2595	2535	50- 60	3006	14387	81.7,43.9
70	1425	1704	1790	1834	1355	1445	1327	1294	60- 70	2172	16559	94.1,50.5
80	353.1	389.5	508.6	486.3	300.9	268.1	219.4	193.0	70- 80	928.7	17488	99.3,53.4
90	24.79	23.77	24.82	26.17	9.395	10.15	11.96	13.56	80- 90	117.2	17605	100,53.7
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

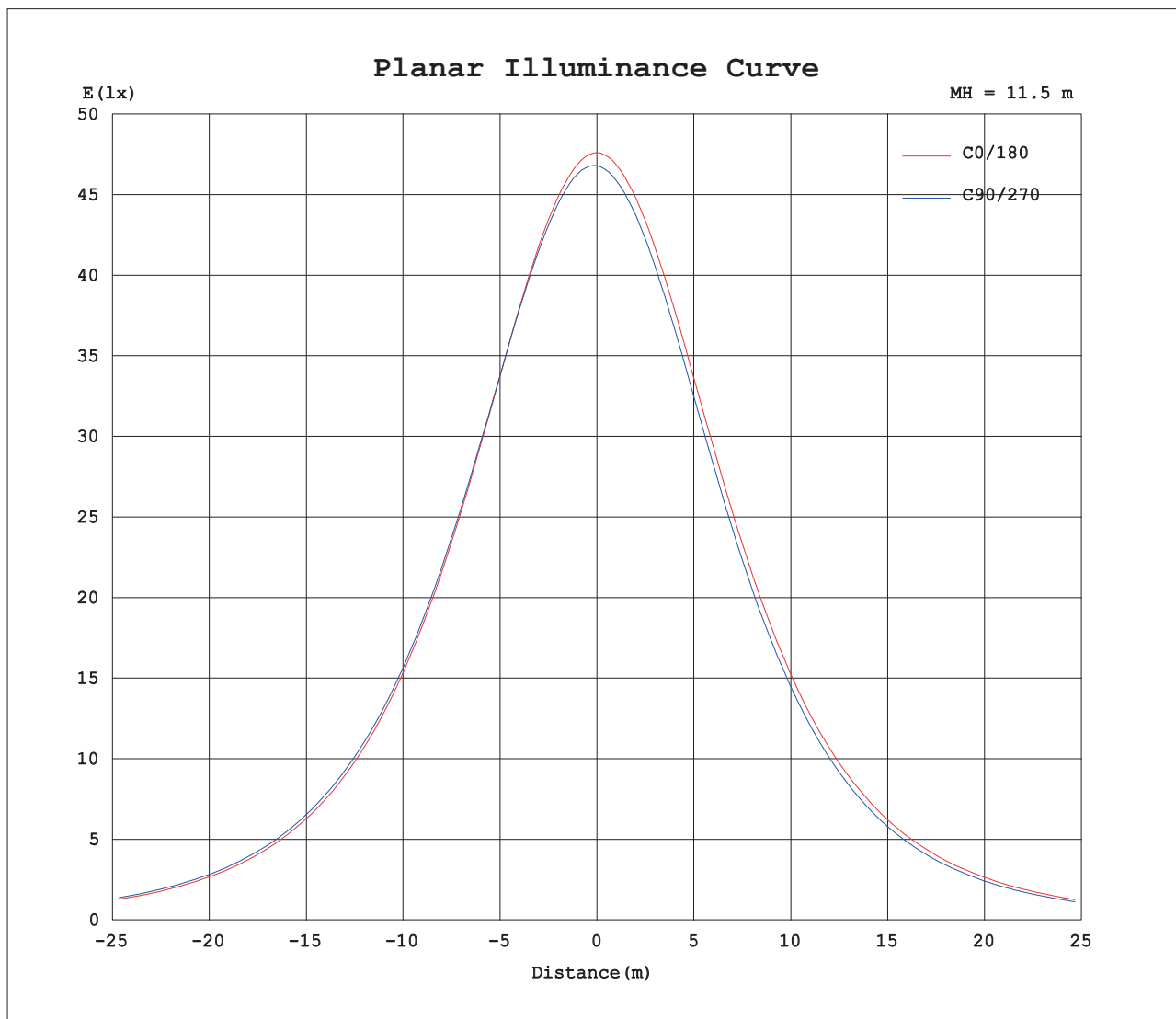
Test:U:227.3V I:0.4520A P:99.40W PF:0.9670 Lamp Flux:30738.3x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:2KG
DIM.: 595*340*140MM	SPEC.:100W	SERIAL No.:
MFR.:	SUR.:190*190MM	PROTECTION ANGLE:



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:

```