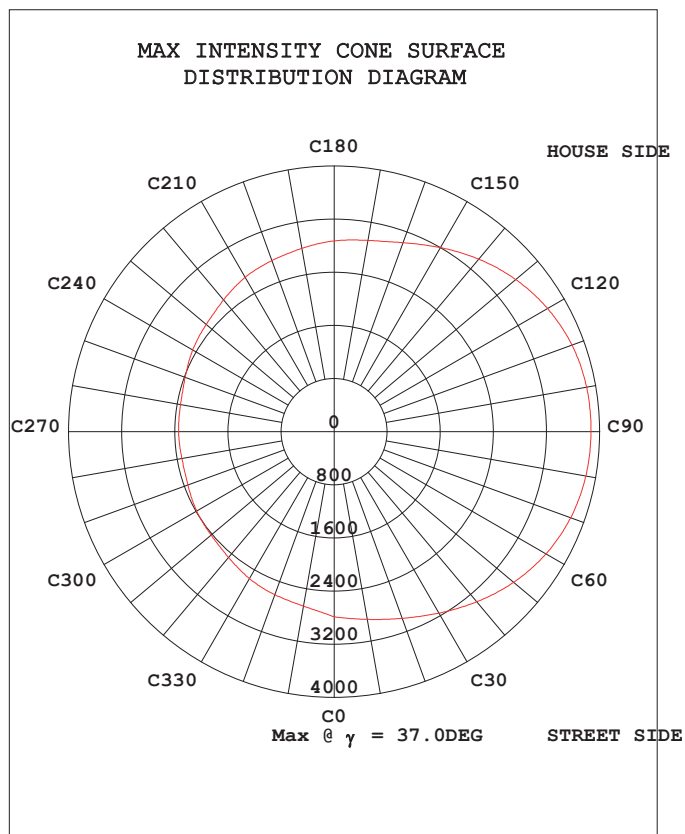
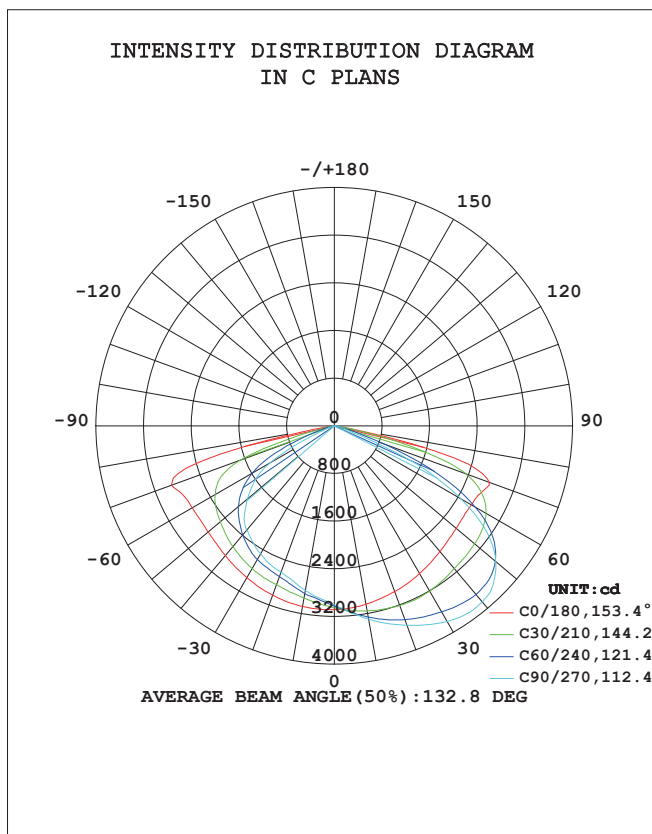


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:227.5V I:0.3160A P:70.80W PF:0.9840 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: 154.23 lm/W			
MODEL	GS/RLS8-75W T2M	I _{max} (cd)	3868	η street_up(%)	0.0
NOMINAL POWER(W)	72	LOR(%)	35.5	η street_down(%)	18.6
RATED VOLTAGE(V)	228	TOTAL FLUX(lm)	11641	η house_up(%)	0.0
NOMINAL FLUX(lm)	32770	MAXIMUM @ (C,γ)	90,37.0	η house_down(%)	16.9
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	227.4	η down(%)	35.5	SLI	



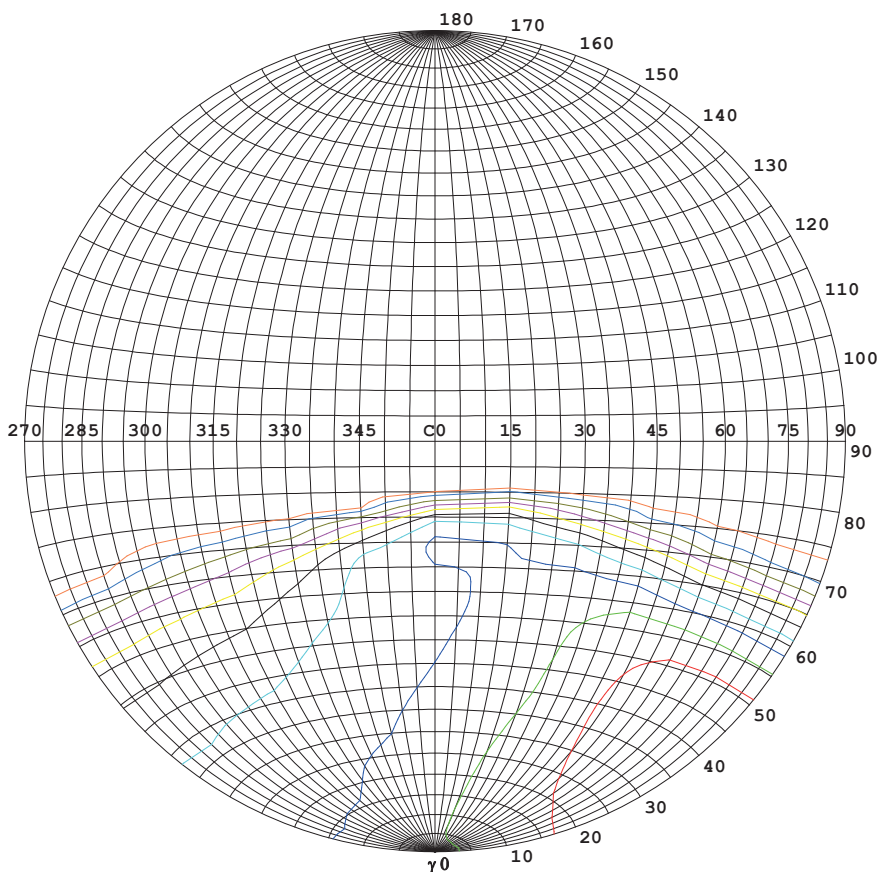
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-08-04

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:0.3160A P:70.80W PF:0.9840 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:

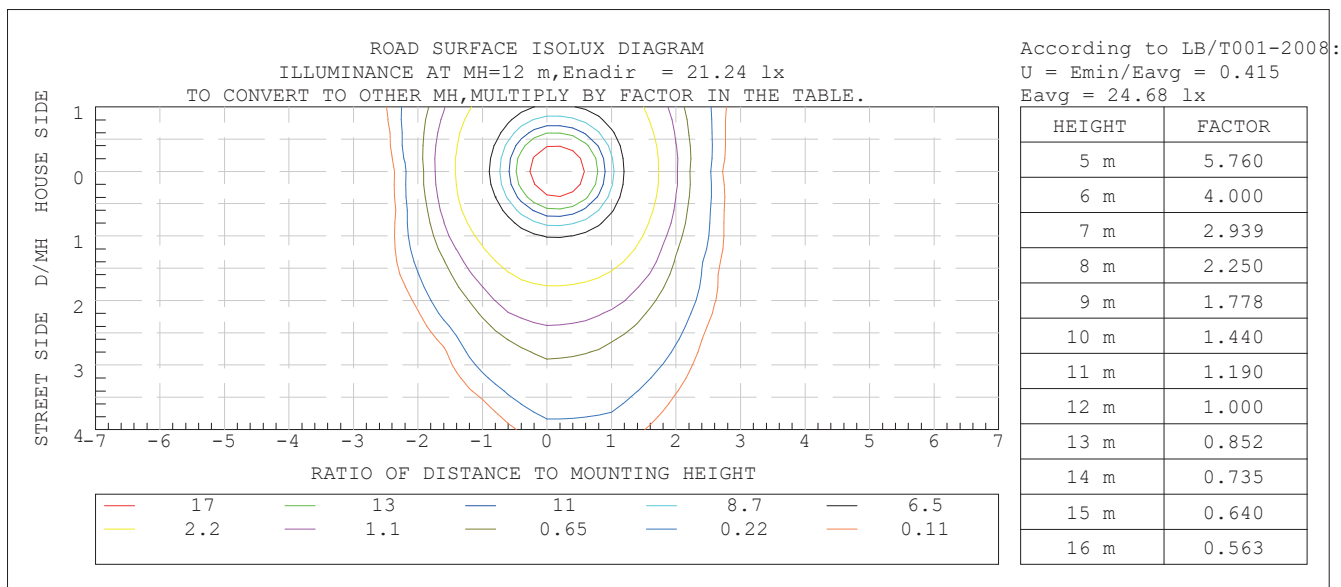
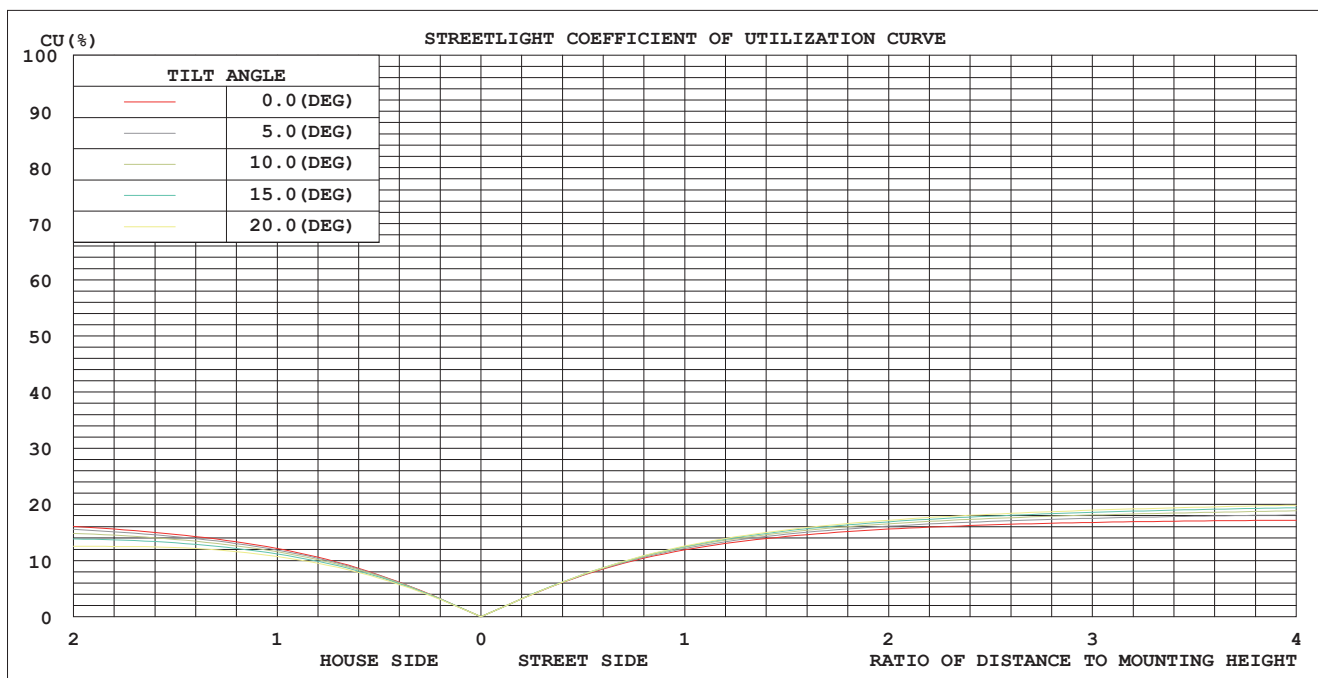
IES:Type IV - Very Short
CIE:Narrow - Short
IES:Cut-off
CIE:Semi-cut-off
Max.At80:30.26cd/klm
Max.At90:0.4266cd/klm
Max.80-90:30.26cd/klm
NRB 5101:Limited[0.5%]

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	3868
90%	3481
80%	3094
70%	2707
60%	2321
50%	1934
40%	1547
30%	1160
20%	774
10%	387
5%	193

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:0.3160A P:70.80W PF:0.9840 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:

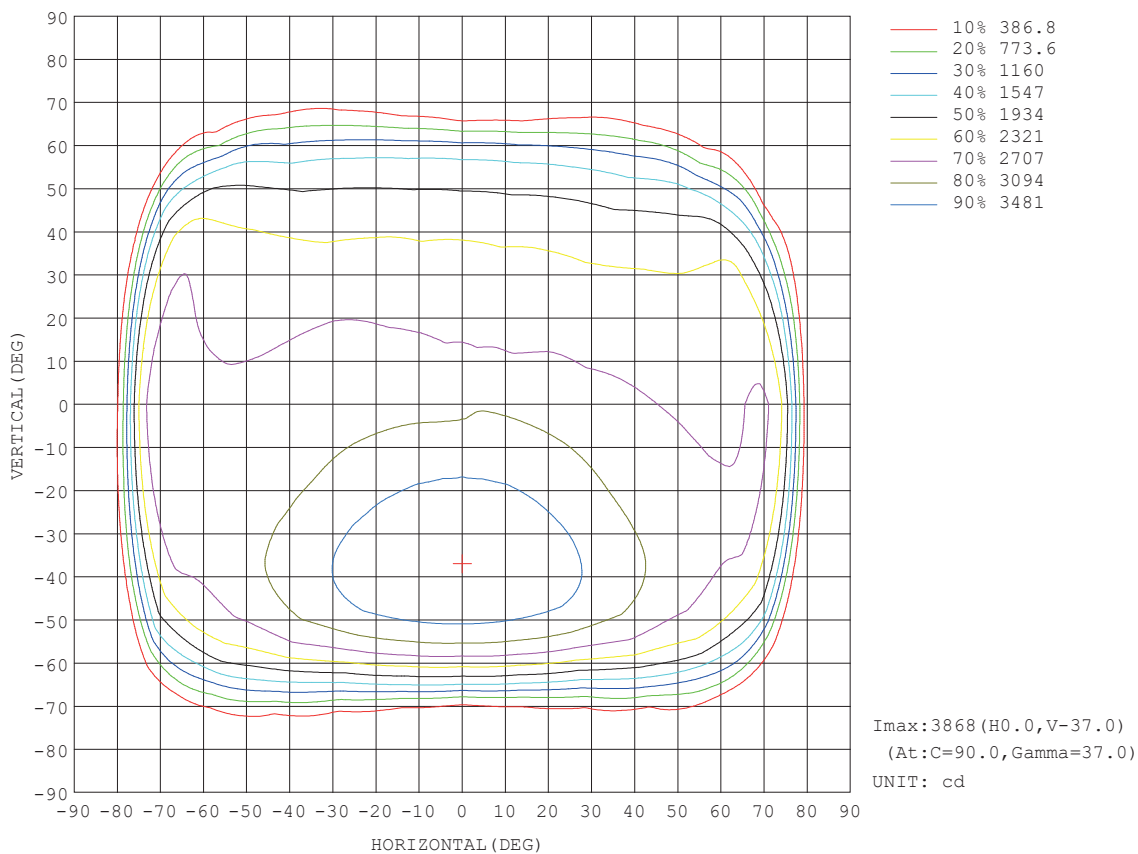
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	3040	3209	3293	3182	3078	2880	2805	2812	0- 10	288.8	288.8	2.48,0.88
20	2960	3344	3563	3347	3025	2749	2616	2667	10- 20	857.8	1147	9.85,3.5
30	2864	3421	3792	3448	2939	2650	2480	2566	20- 30	1400	2546	21.9,7.77
40	2756	3436	3861	3486	2845	2488	2285	2378	30- 40	1873	4419	38,13.5
50	2675	3363	3539	3423	2769	2249	1906	2111	40- 50	2215	6634	57,20.2
60	2655	2983	2463	3039	2755	1869	1242	1661	50- 60	2309	8943	76.8,27.3
70	2766	1660	333.3	1788	2911	899.8	131.7	587.0	60- 70	1874	10817	92.9,33
80	195.6	105.7	92.39	140.4	362.0	49.64	20.94	30.57	70- 80	783.1	11600	99.6,35.4
90	7.890	7.135	7.908	12.69	0	0	0	0	80- 90	41.42	11641	100,35.5
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

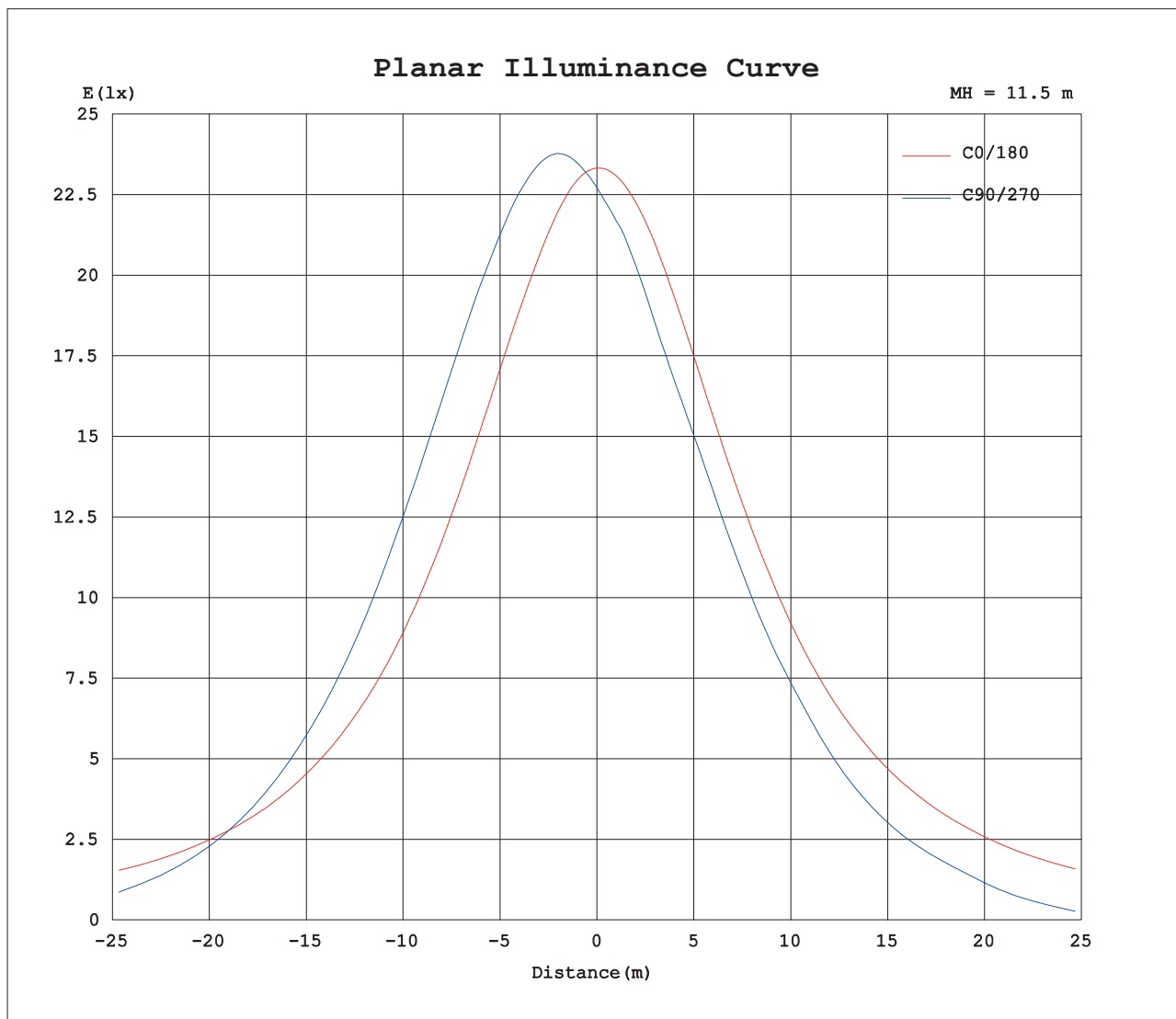
Test:U:227.5V I:0.3160A P:70.80W PF:0.9840 Lamp Flux:30738.3x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:1KG
DIM.: 595*340*140MM	SPEC.:75W	SERIAL No.:
MFR.:	SUR.:140*190MM	PROTECTION ANGLE:



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:

```