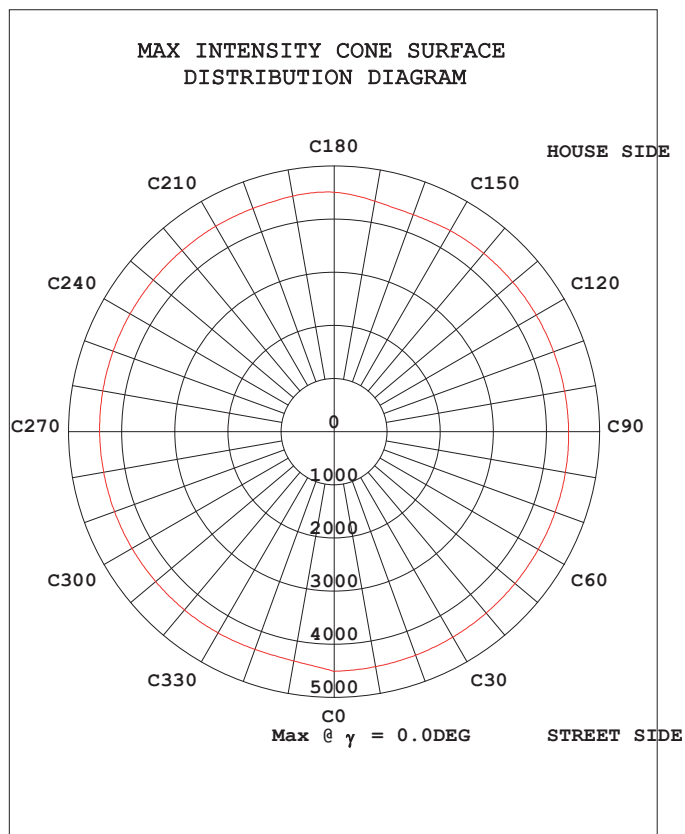
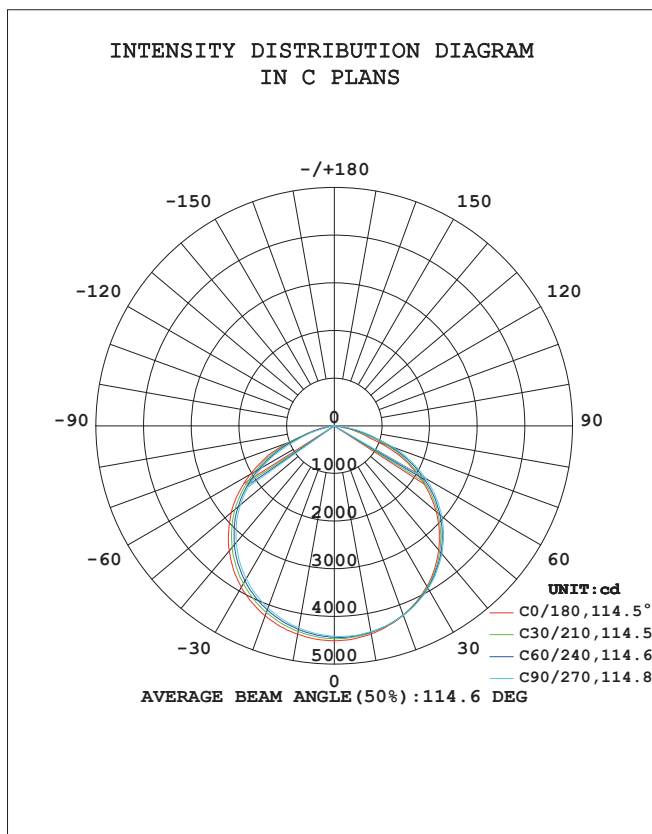


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:227.3V I:0.3180A P:71.20W 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: 164.06 lm/W			
MODEL	GS/RLS8-75W 120D	I _{max} (cd)	4510	η street_up(%)	0.0
NOMINAL POWER(W)	72	LOR(%)	38.0	η street_down(%)	20.3
RATED VOLTAGE(V)	228	TOTAL FLUX(lm)	12453	η house_up(%)	0.0
NOMINAL FLUX(lm)	32770	MAXIMUM @ (C,γ)	0,0.0	η house_down(%)	17.7
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	227.1	η down(%)	38.0	SLI	



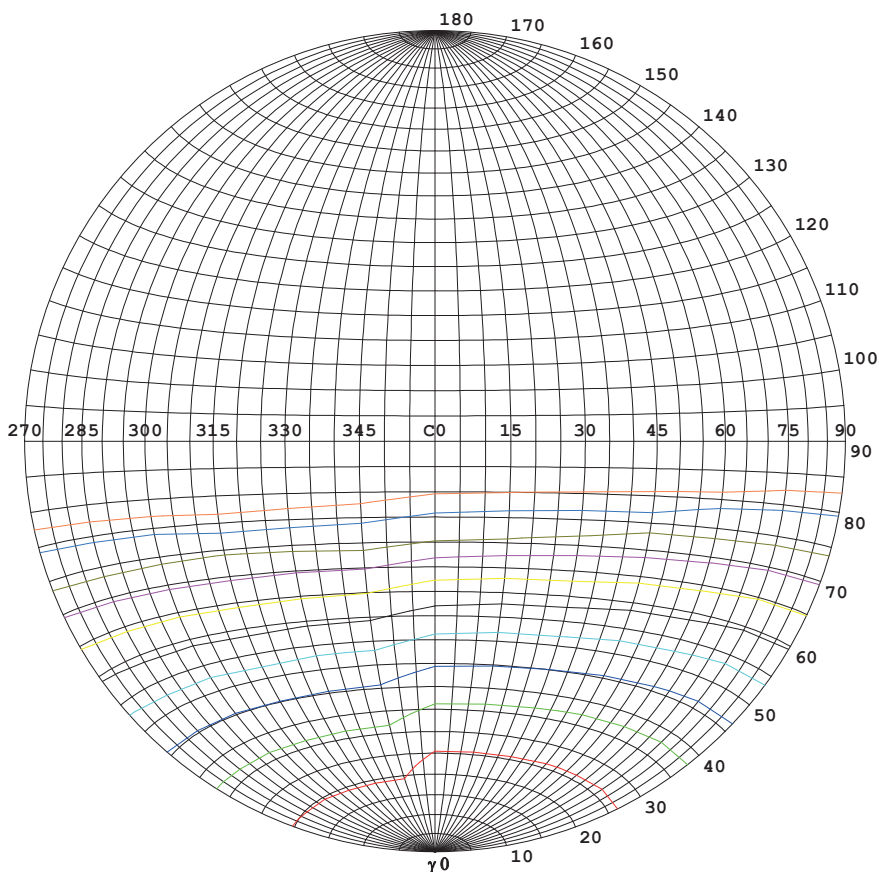
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-08-04

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:0.3180A P:71.20W 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:

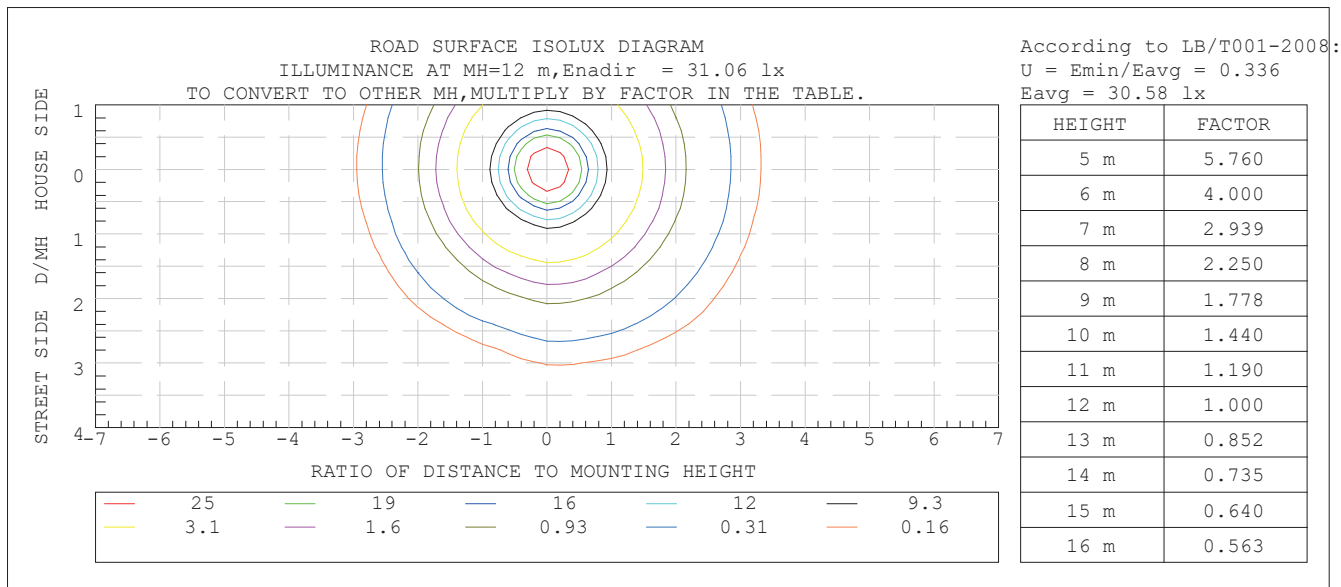
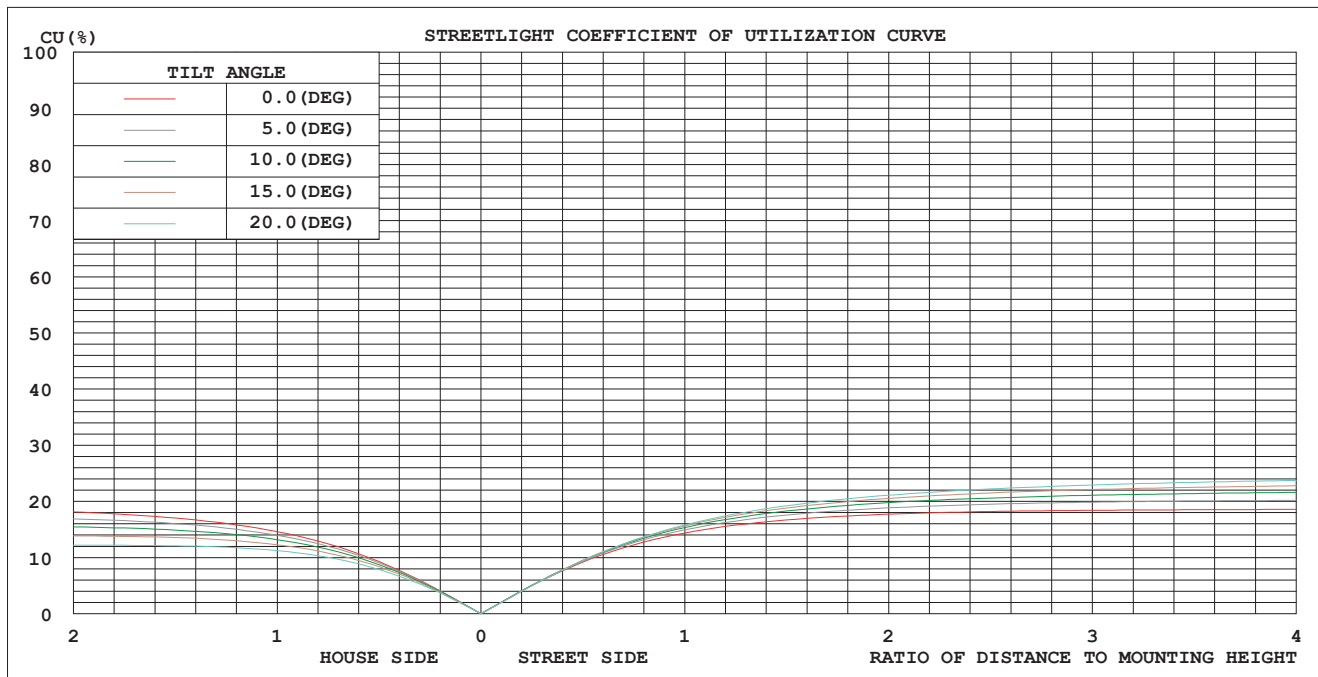
IES:Type II - Very Short
CIE:Narrow - Short
IES:Cut-off
CIE:Full cut-off
Max.At80:13.09cd/klm
Max.At90:0.3865cd/klm
Max.80-90:13.09cd/klm
NRB 5101:Limited[2.3%]

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	4510
90%	4059
80%	3608
70%	3157
60%	2706
50%	2255
40%	1804
30%	1353
20%	902
10%	451
5%	225

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:0.3180A P:71.20W 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:

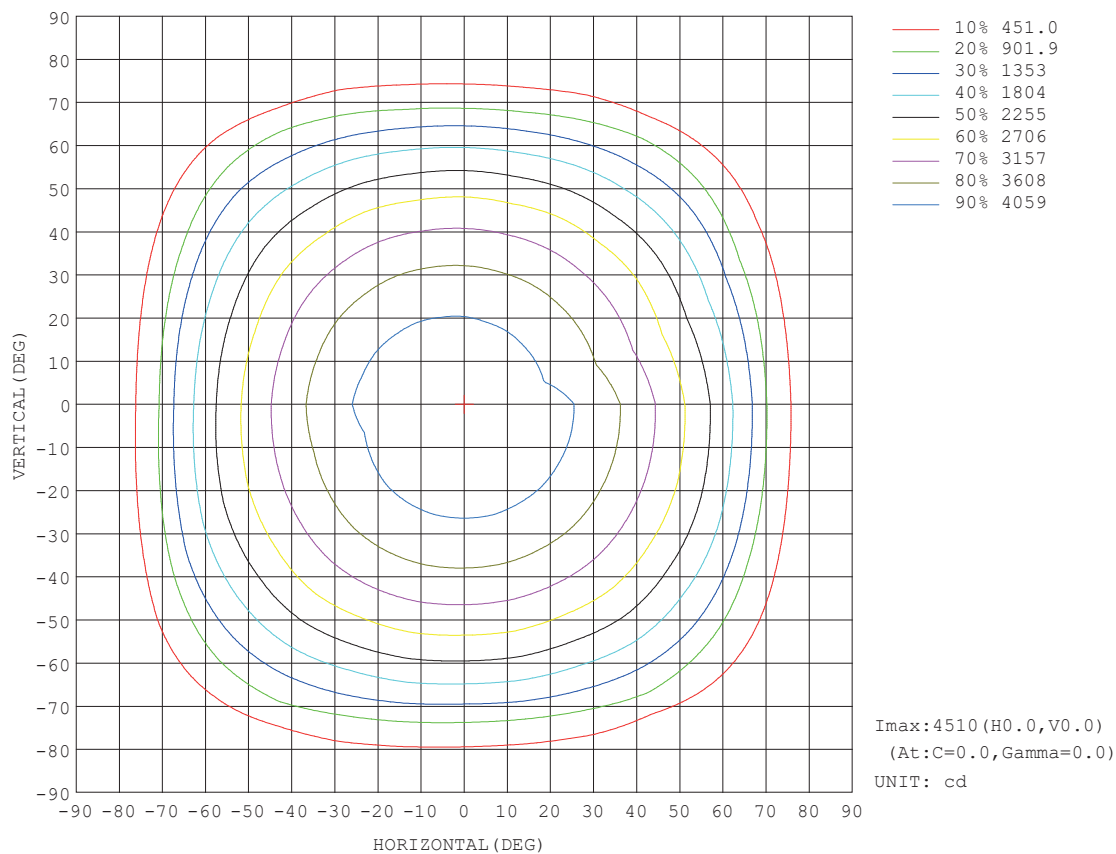
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	4432	4399	4386	4358	4438	4352	4304	4271	0- 10	418.8	418.8	3.36,1.28
20	4229	4226	4230	4205	4241	4132	4068	4036	10- 20	1206	1625	13.1,4.96
30	3889	3917	3939	3922	3907	3780	3702	3670	20- 30	1849	3474	27.9,10.6
40	3408	3468	3509	3498	3432	3289	3201	3165	30- 40	2260	5734	46,17.5
50	2788	2880	2941	2932	2827	2652	2570	2517	40- 50	2371	8105	65.1,24.7
60	2007	2136	2216	2218	2040	1871	1763	1729	50- 60	2136	10241	82.2,31.3
70	925.4	1221	1294	1349	1013	959.0	788.9	810.0	60- 70	1521	11762	94.5,35.9
80	202.5	266.1	401.2	351.4	213.8	142.1	103.1	84.89	70- 80	617.9	12380	99.4,37.8
90	3.820	4.747	10.99	11.41	0	0	0	0	80- 90	73.16	12453	100,38
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

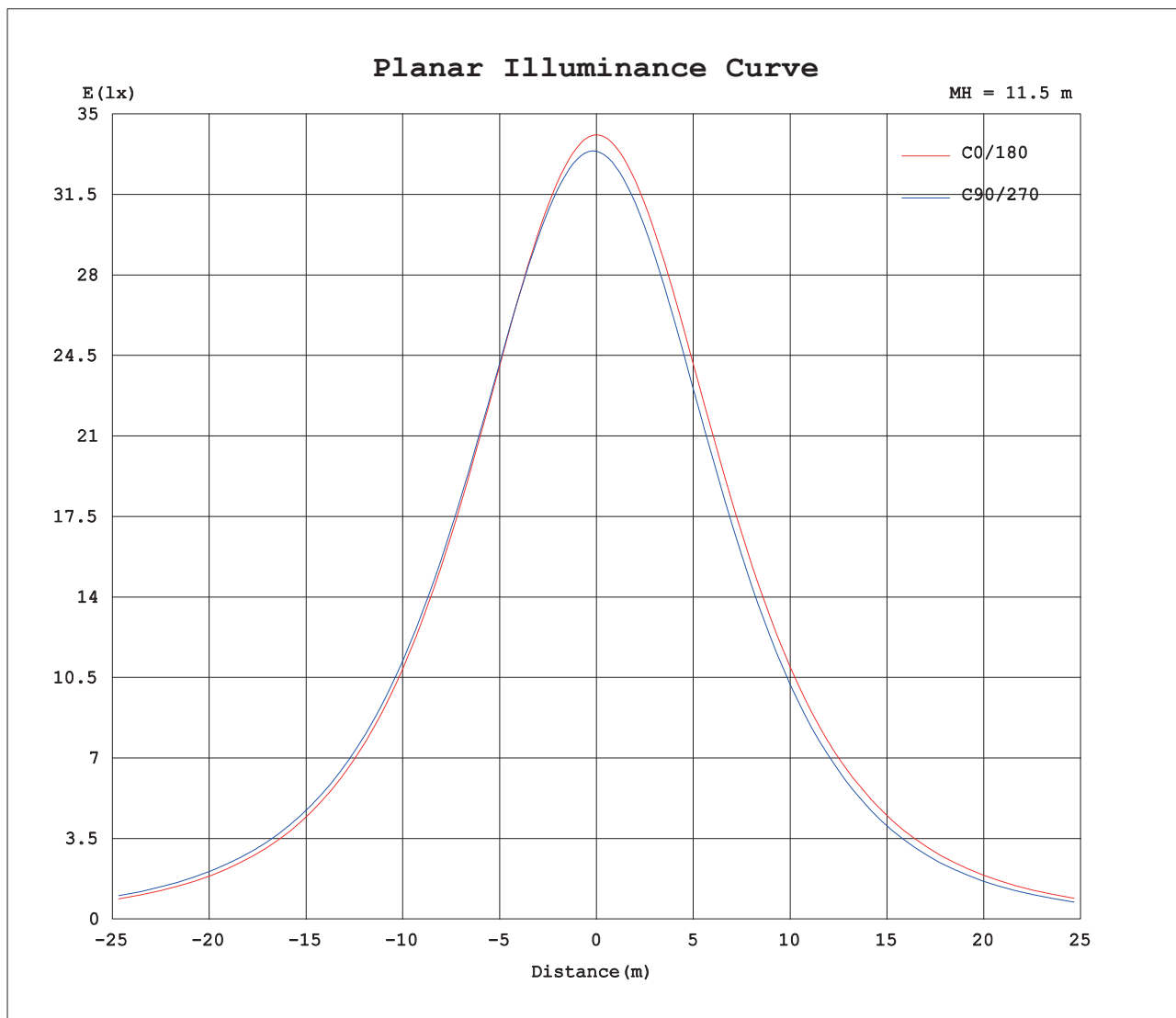
Test:U:227.3V I:0.3180A P:71.20W PF:0.9850 Lamp Flux:30738.3x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:1KG
DIM.: 595*340*140MM	SPEC.:75W	SERIAL No.:
MFR.:	SUR.:140*190MM	PROTECTION ANGLE:



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:

```