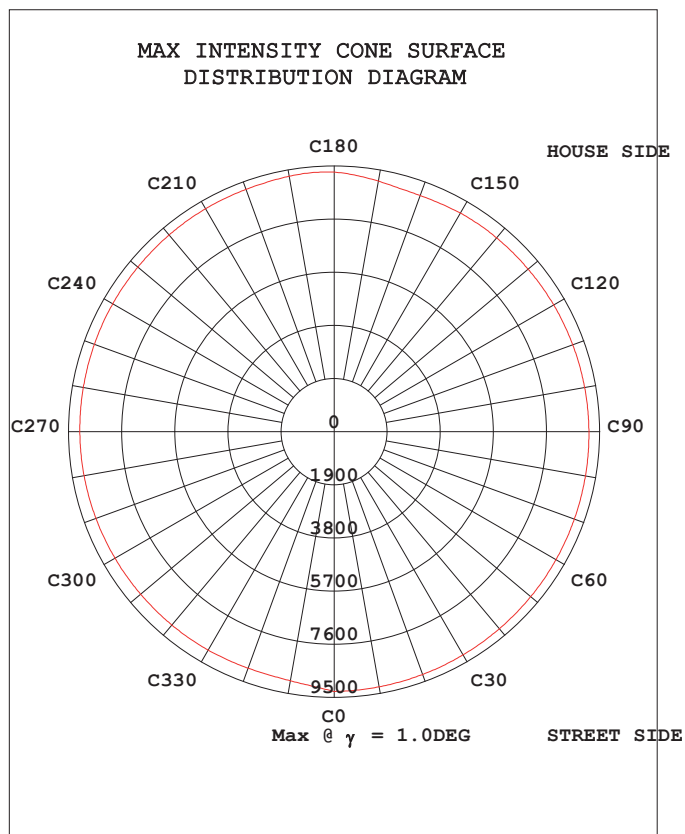
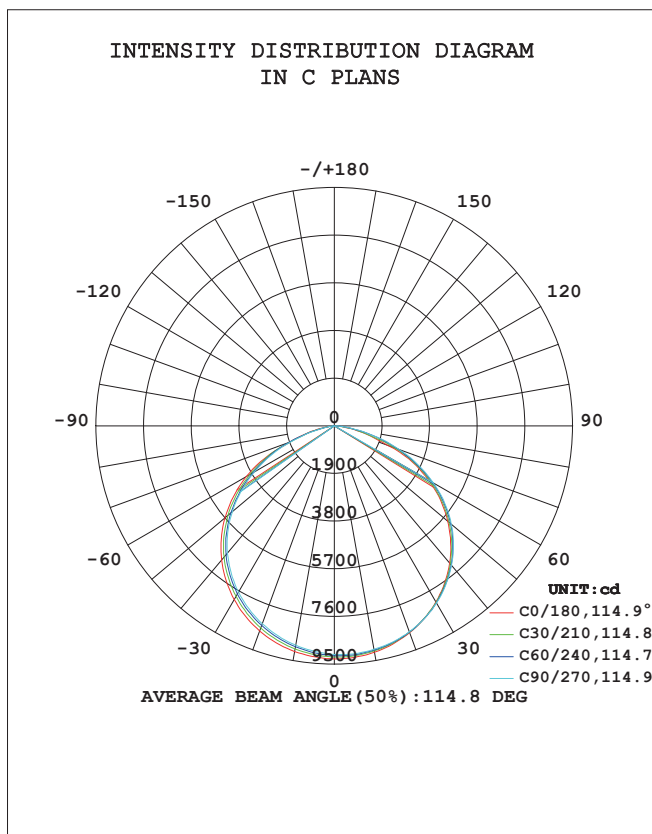


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:227.8V I:0.6610A P:148.5W PF:0.9860 Lamp Flux:30738.3x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:2KG
DIM.: 595*340*140MM	SPEC.:150W	SERIAL No.:
MFR.:	SUR.:190*240MM	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 164.15 lm/W			
MODEL	GS/RLS8-150W 120D	I _{max} (cd)	9289	η street_up(%)	0.0
NOMINAL POWER(W)	150	LOR(%)	79.3	η street_down(%)	43.0
RATED VOLTAGE(V)	228	TOTAL FLUX(lm)	25988	η house_up(%)	0.0
NOMINAL FLUX(lm)	32770	MAXIMUM @ (C,γ)	0,1.0	η house_down(%)	36.3
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	227.7	η down(%)	79.3	SLI	



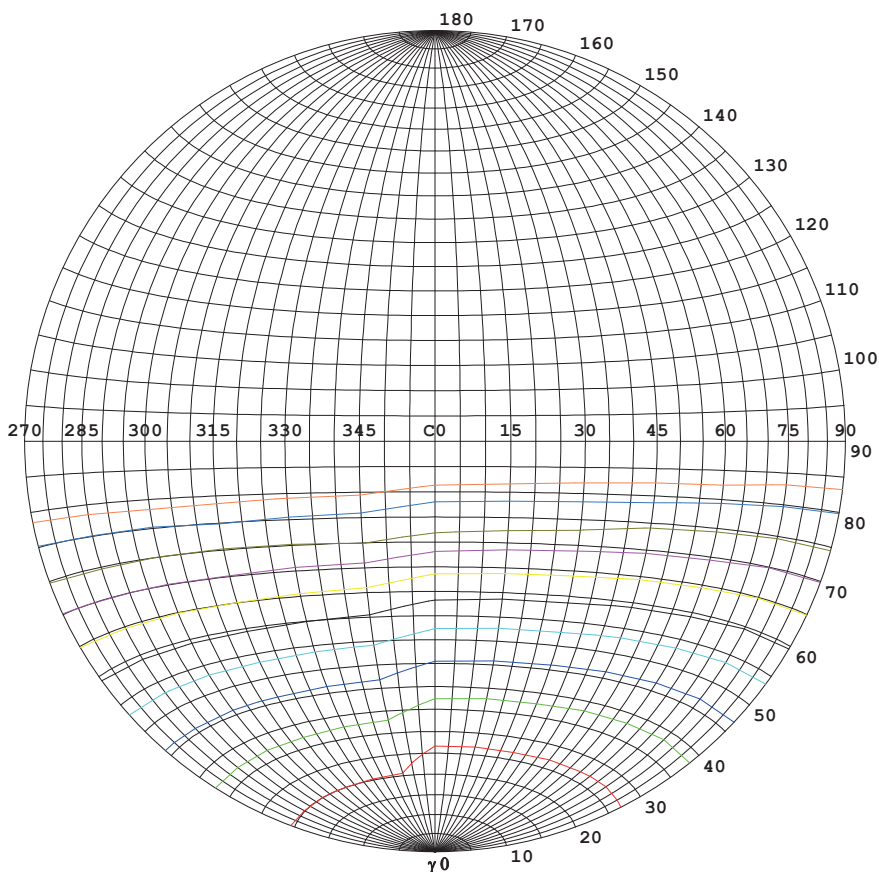
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-08-04

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:227.8V I:0.6610A P:148.5W PF:0.9860 Lamp Flux:30738.3x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:2KG
DIM.: 595*340*140MM	SPEC.:150W	SERIAL No.:
MFR.:	SUR.:190*240MM	PROTECTION ANGLE:



Classification:

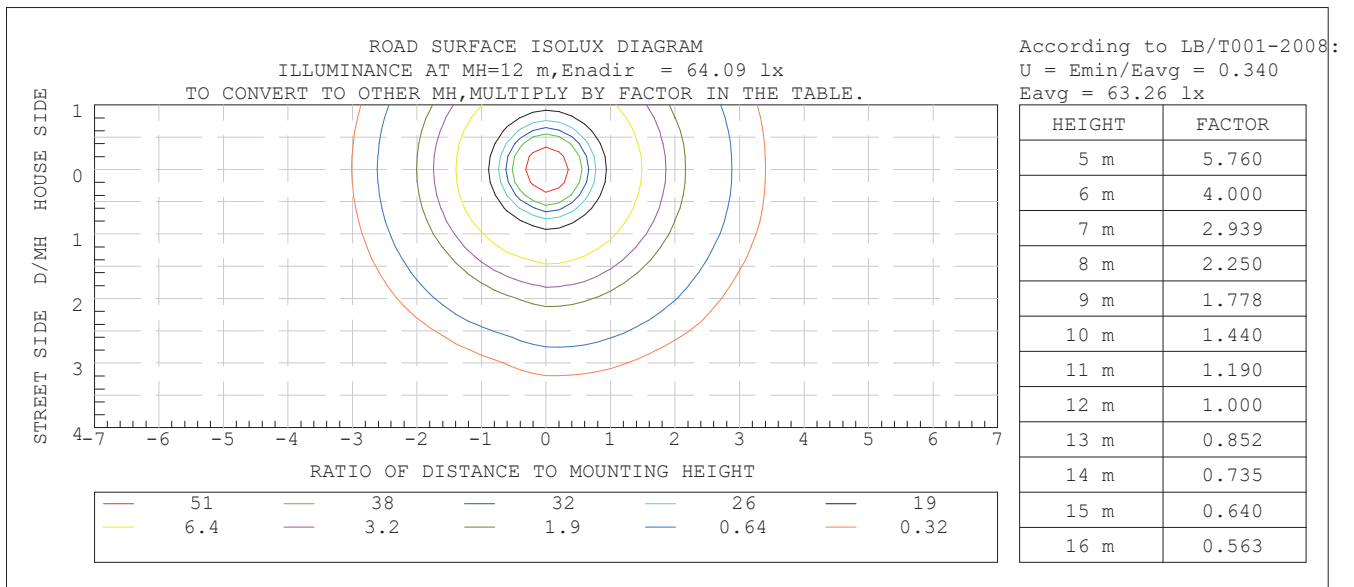
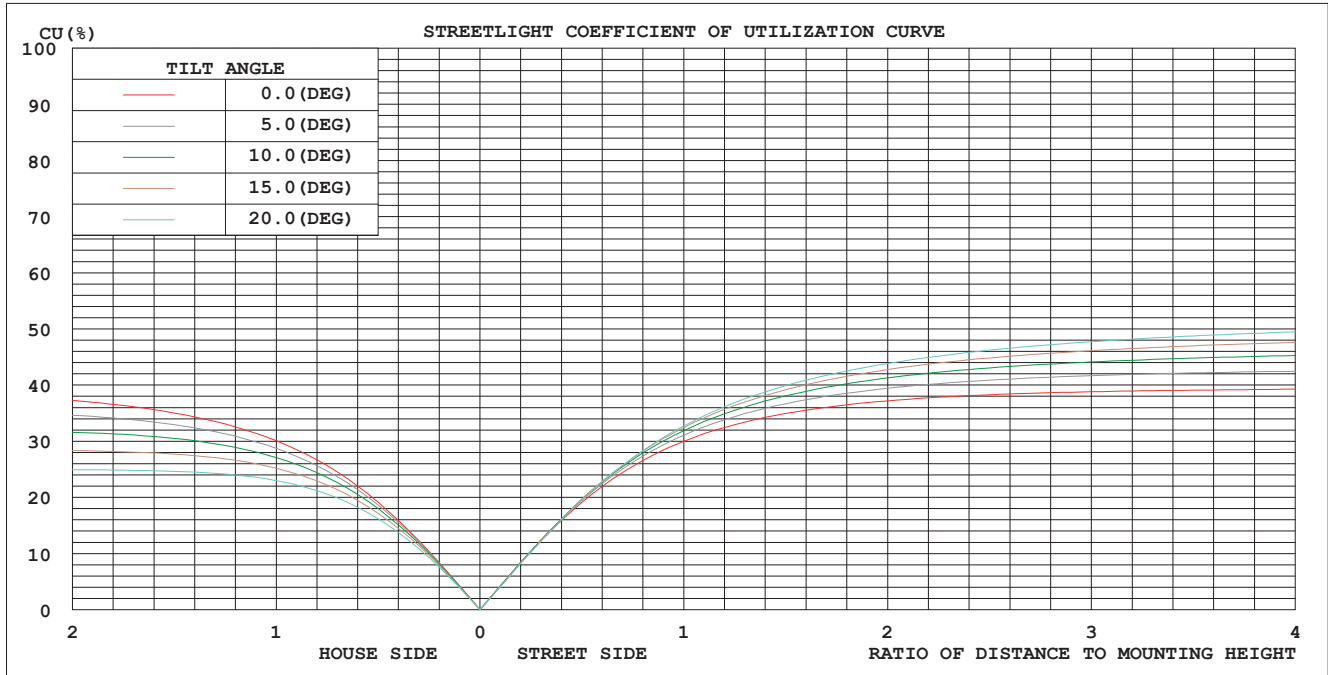
IES:Type II - Very Short
CIE:Narrow - Short
IES:Cut-off
CIE:Full cut-off
Max.At80:27.56cd/klm
Max.At90:2.059cd/klm
Max.80-90:27.56cd/klm
NRB 5101:Limited[4.8%]

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	9289
90%	8361
80%	7432
70%	6503
60%	5574
50%	4645
40%	3716
30%	2787
20%	1858
10%	929
5%	464

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:227.8V I:0.6610A P:148.5W PF:0.9860 Lamp Flux:30738.3x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:2KG
DIM.: 595*340*140MM	SPEC.:150W	SERIAL No.:
MFR.:	SUR.:190*240MM	PROTECTION ANGLE:

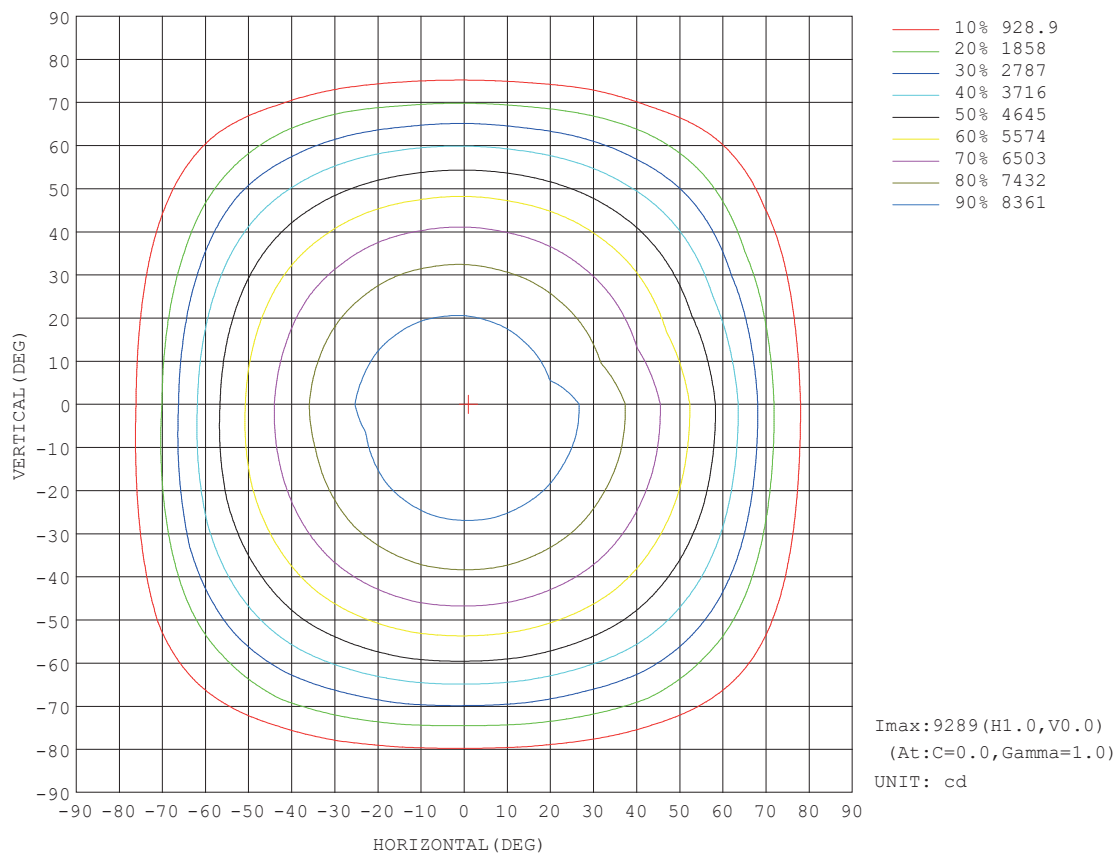
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	9164	9096	9046	8974	9131	8976	8877	8826	0- 10	864.3	864.3	3.33,2.64
20	8774	8760	8737	8657	8704	8513	8395	8359	10- 20	2491	3355	12.9,10.2
30	8106	8140	8151	8060	7990	7774	7649	7622	20- 30	3820	7175	27.6,21.9
40	7150	7233	7271	7175	6989	6758	6629	6623	30- 40	4675	11850	45.6,36.2
50	5904	6028	6092	5994	5683	5435	5306	5324	40- 50	4911	16761	64.5,51.1
60	4352	4497	4572	4509	4053	3817	3687	3717	50- 60	4427	21188	81.5,64.7
70	2275	2670	2764	2693	1877	1939	1808	1905	60- 70	3187	24375	93.8,74.4
80	643.2	742.3	899.1	760.6	394.4	343.2	306.3	315.4	70- 80	1394	25769	99.2,78.6
90	60.86	63.74	67.30	64.77	38.57	39.58	41.94	41.28	80- 90	218.9	25988	100,79.3
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

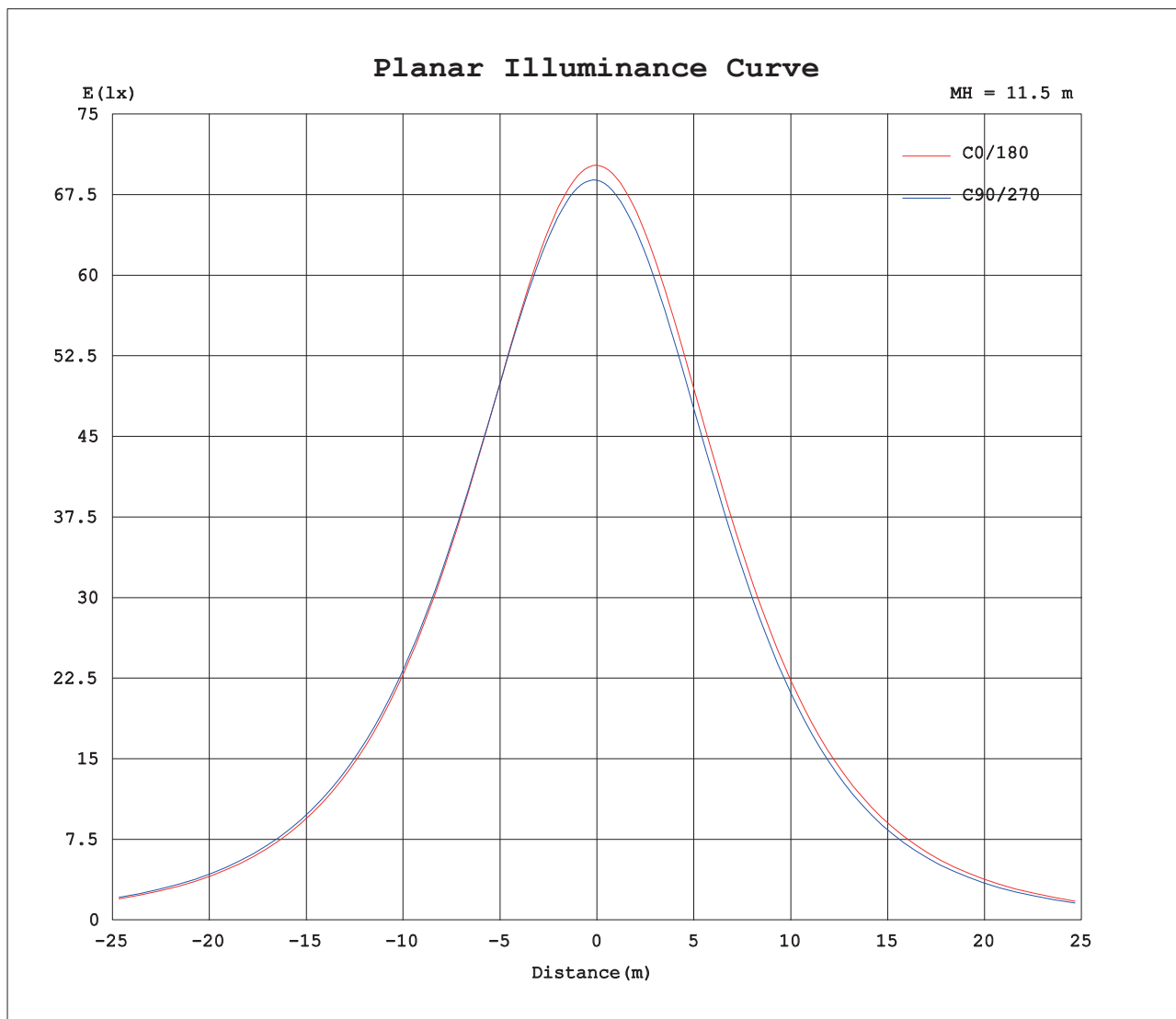
Test:U:227.8V I:0.6610A P:148.5W PF:0.9860 Lamp Flux:30738.3x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:2KG
DIM.: 595*340*140MM	SPEC.:150W	SERIAL No.:
MFR.:	SUR.:190*240MM	PROTECTION ANGLE:



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:

```