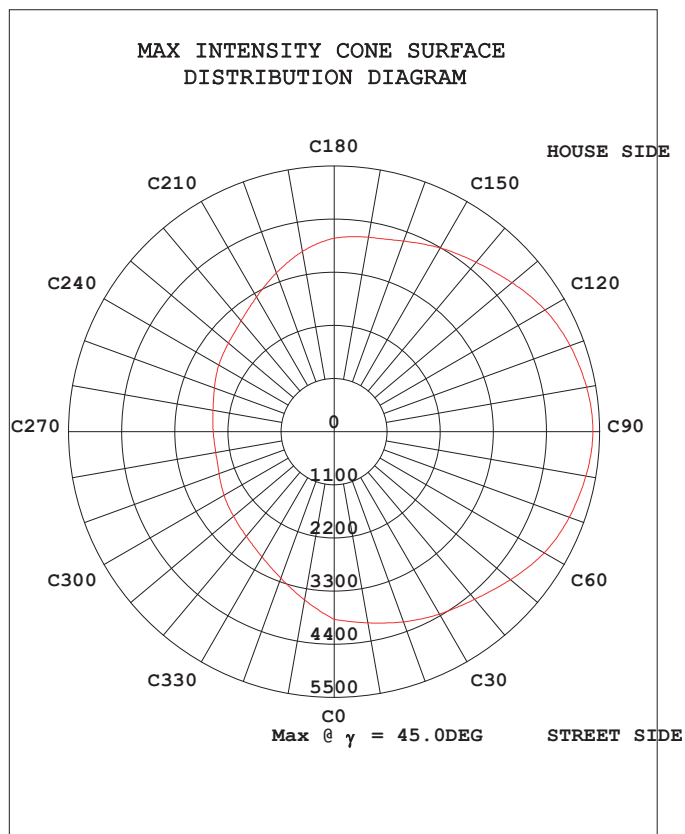
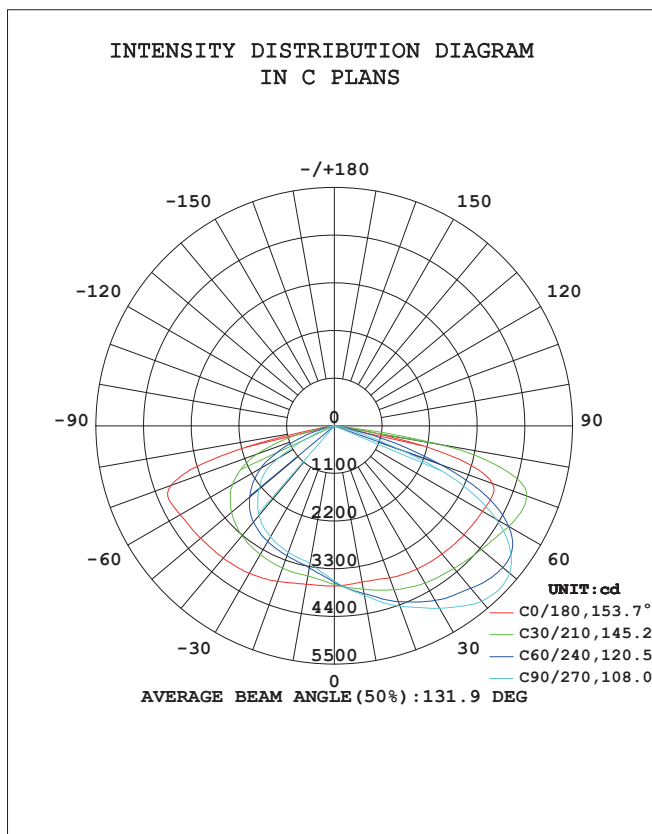


**STREETLIGHT PHOTOMETRIC TEST REPORT**

Test:U:227.6V I:0.4520A P:99.50W 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: 156.34 lm/W			
MODEL	GS/RLS8-100W T4M	I <sub>max</sub> (cd)	5358	η street_up(%)	0.0
NOMINAL POWER(W)	100	LOR(%)	50.6	η street_down(%)	26.8
RATED VOLTAGE(V)	228	TOTAL FLUX(lm)	16584	η house_up(%)	0.0
NOMINAL FLUX(lm)	32770	MAXIMUM @ (C,γ )	90,45.0	η house_down(%)	23.9
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	227.6	η down(%)	50.6	SLI	



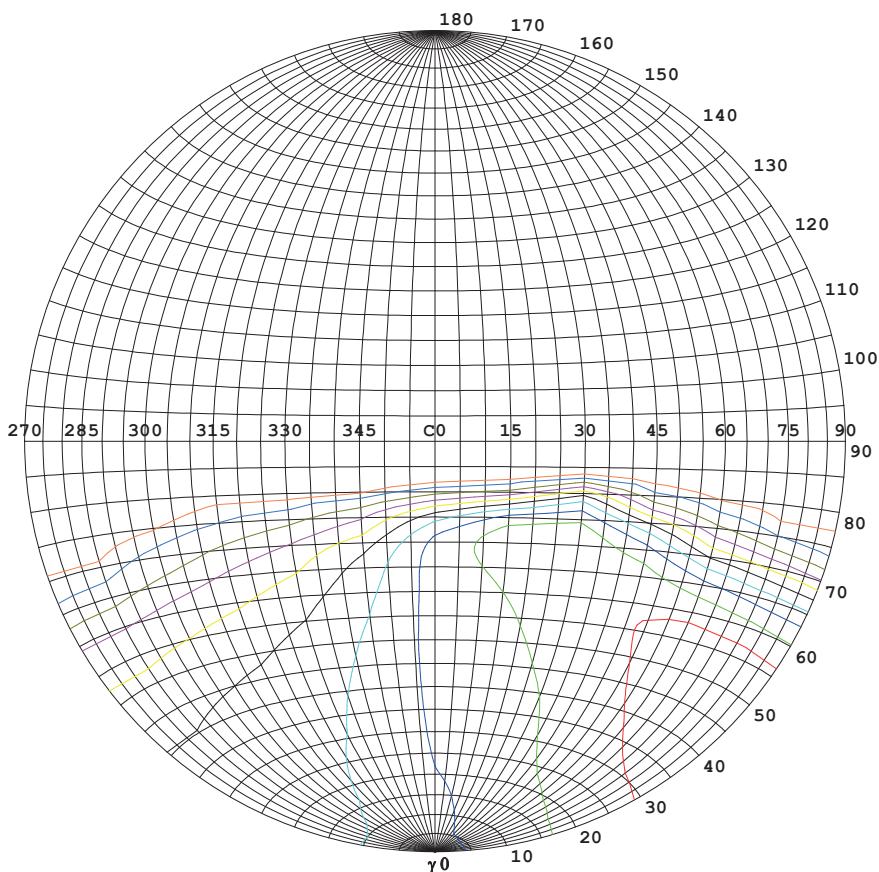
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2021-08-04

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:227.6V I:0.4520A P:99.50W 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:**

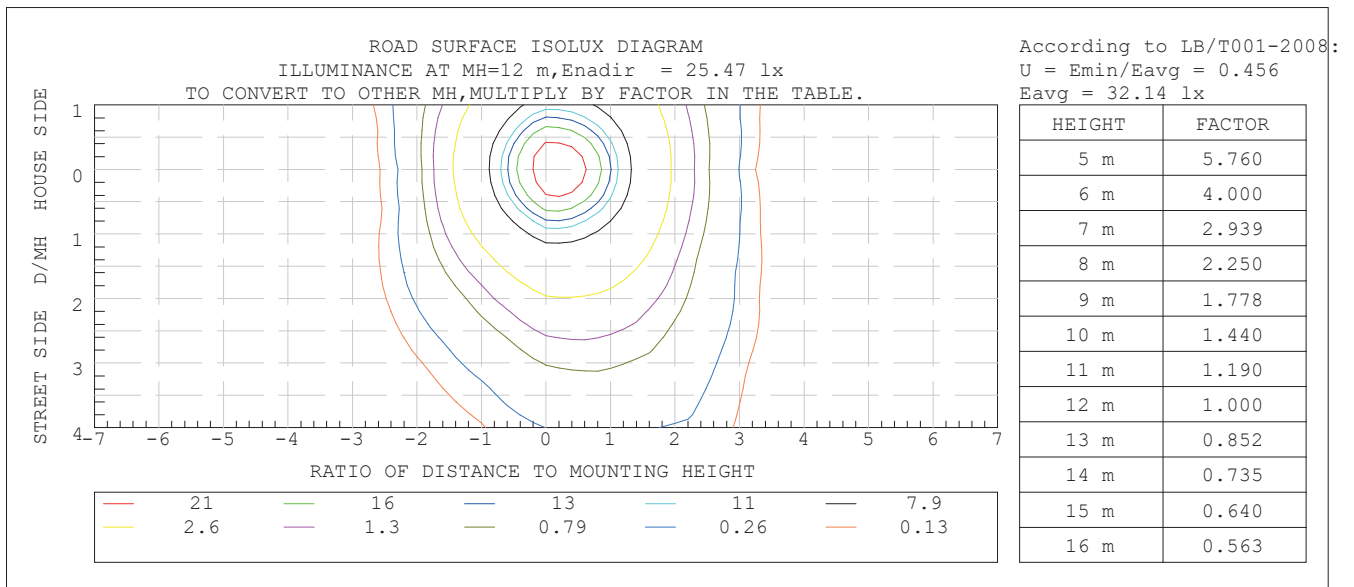
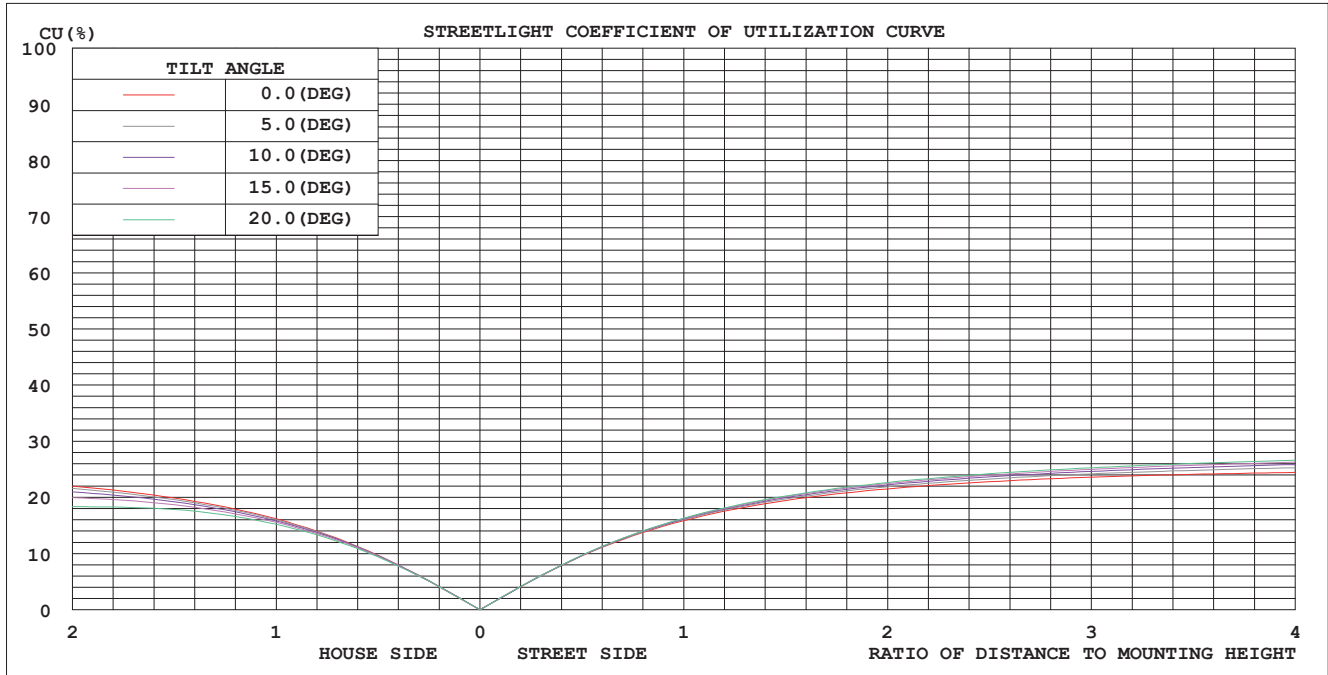
IES:Type IV - Very Short  
CIE:Narrow - Short  
IES:Cut-off  
CIE:Semi-cut-off  
Max.At80:79.09cd/klm  
Max.At90:0.9081cd/klm  
Max.80-90:79.09cd/klm  
NRB 5101:Limited[2.3%]

ISOCANDELA DIAGRAM	
UNIT	cd
I <sub>max</sub> =100%	5358
90%	4822
80%	4286
70%	3751
60%	3215
50%	2679
40%	2143
30%	1607
20%	1072
10%	536
5%	268

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

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  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:227.6V I:0.4520A P:99.50W 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:

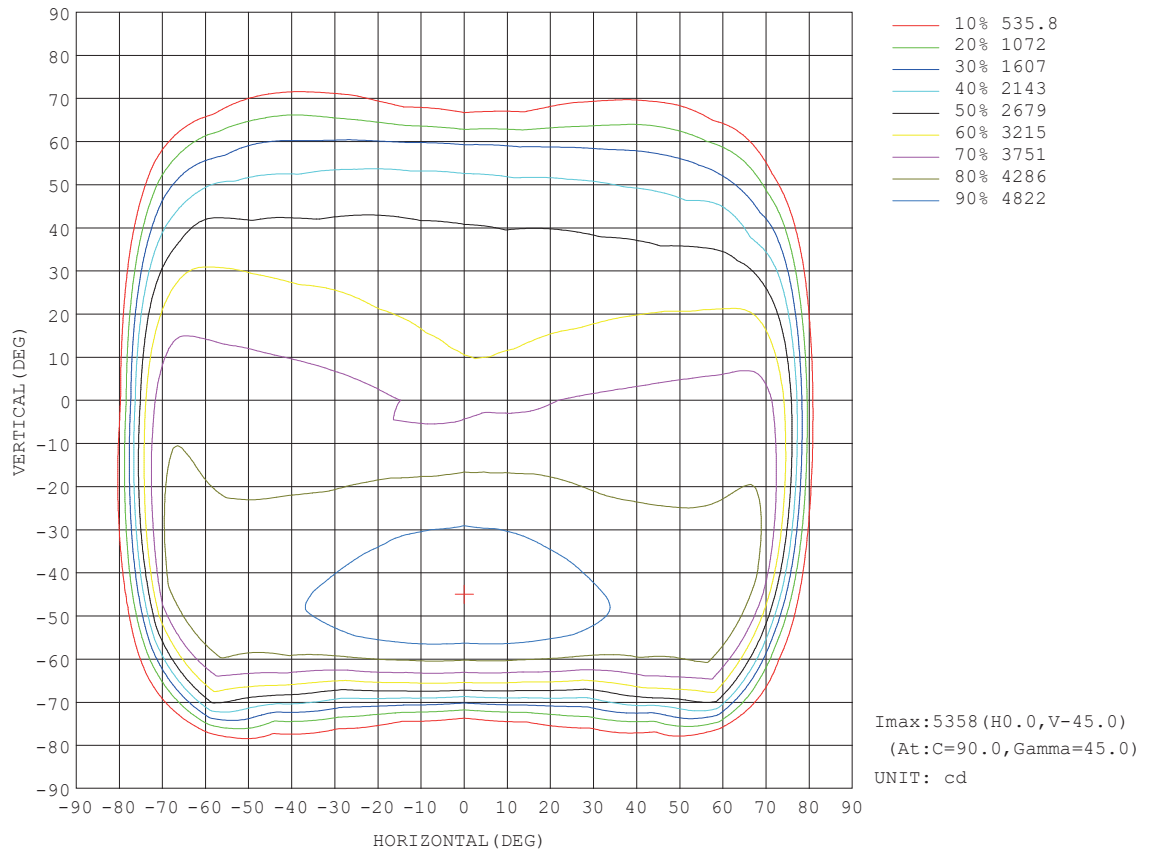
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	3660	3883	3967	3819	3713	3418	3224	3298	0- 10	343.6	343.6	2.07,1.05
20	3732	4192	4423	4143	3821	3310	3105	3183	10- 20	1041	1384	8.35,4.22
30	3815	4427	4864	4417	3928	3199	2953	3076	20- 30	1748	3133	18.9,9.56
40	3863	4574	5285	4602	3986	3039	2706	2904	30- 40	2414	5547	33.4,16.9
50	3909	4713	5283	4767	4032	2752	2271	2591	40- 50	2964	8511	51.3,26
60	3949	4769	4328	4790	4108	2241	1497	2068	50- 60	3270	11782	71,36
70	3886	3923	1674	3836	4012	1385	313.9	1169	60- 70	2992	14774	89.1,45.1
80	882.2	706.2	207.2	752.2	437.0	198.3	67.88	144.5	70- 80	1664	16437	99.1,50.2
90	29.36	21.74	21.10	18.92	12.63	13.61	15.57	14.62	80- 90	147.2	16584	100,50.6
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

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  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**

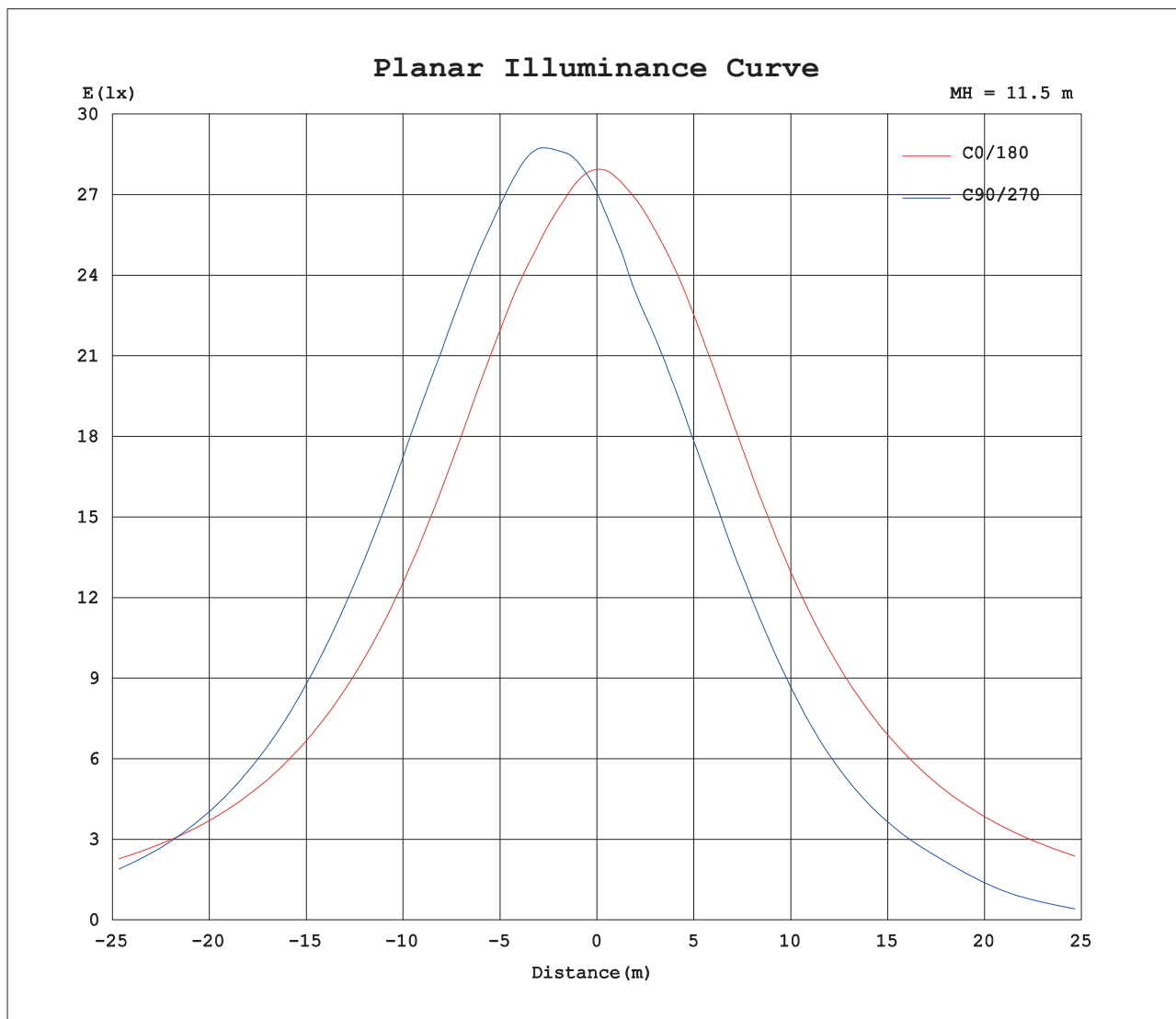
Test:U:227.6V I:0.4520A P:99.50W PF:0.9670 Lamp Flux:30738.3x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:2KG
DIM.: 595*340*140MM	SPEC.:100W	SERIAL No.:
MFR.:	SUR.:190*190MM	PROTECTION ANGLE:



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

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 12.000m [K=1.0000]  
Remarks:

```

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:

```

```

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:

```