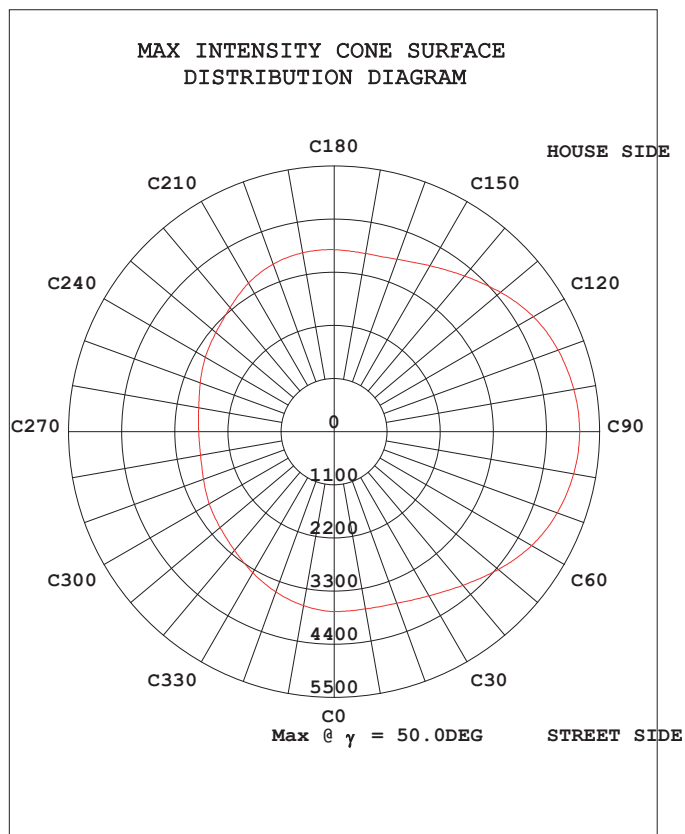
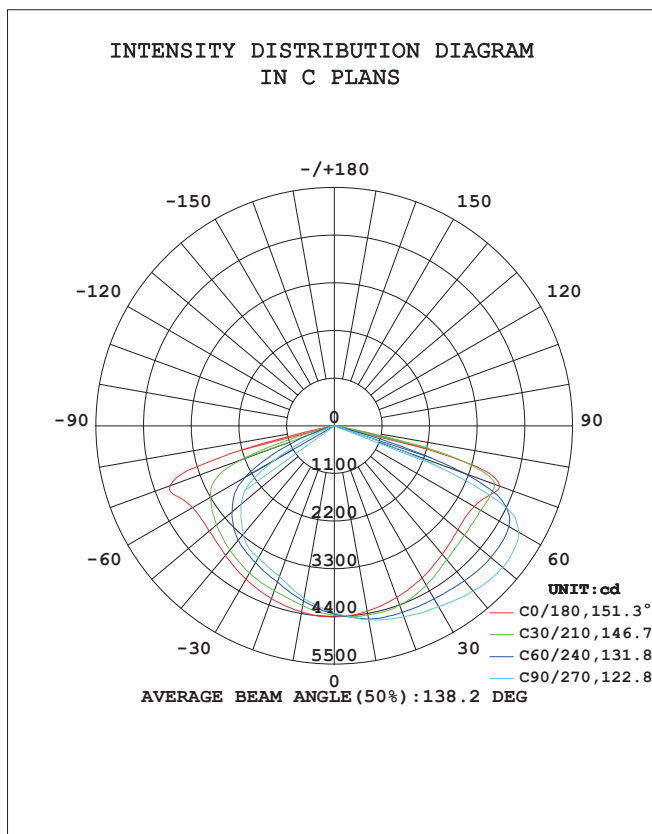


**STREETLIGHT PHOTOMETRIC TEST REPORT**

Test:U:227.5V I:0.4510A 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: 158.34 lm/W			
MODEL	GS/RLS8-100W T3M	I <sub>max</sub> (cd)	5084	η street_up(%)	0.0
NOMINAL POWER(W)	100	LOR(%)	51.2	η street_down(%)	27.2
RATED VOLTAGE(V)	228	TOTAL FLUX(lm)	16779	η house_up(%)	0.0
NOMINAL FLUX(lm)	32770	MAXIMUM @ (C, γ )	90,50.0	η house_down(%)	24.0
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	227.4	η down(%)	51.2	SLI	



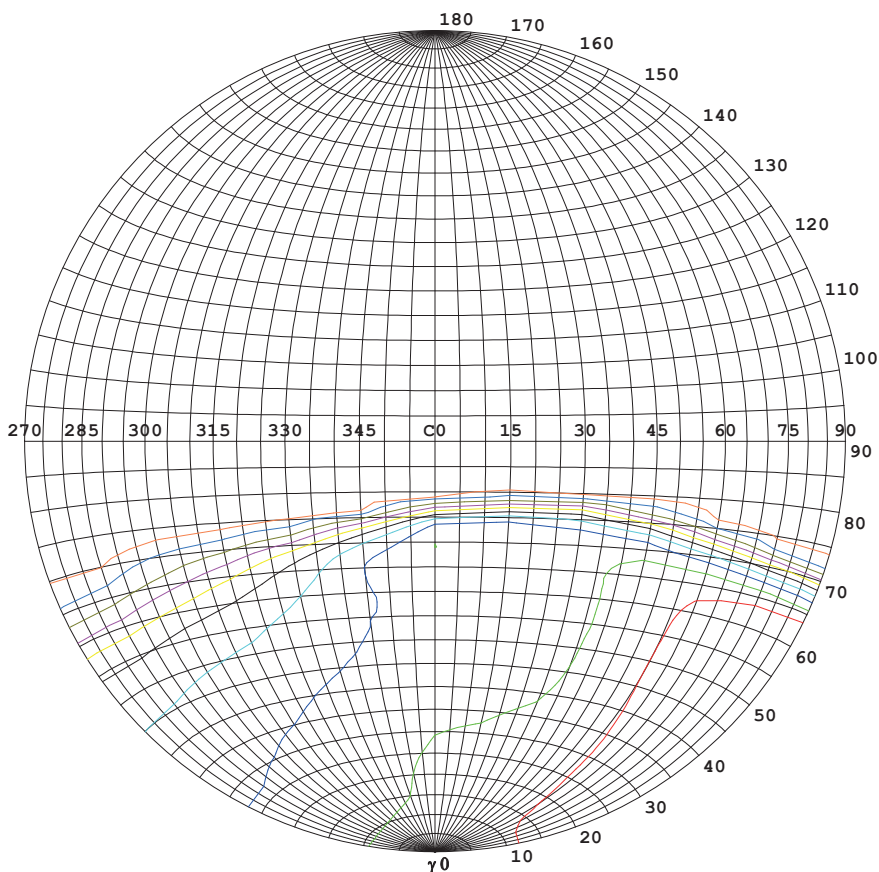
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2021-08-04

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:0.4510A 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:**

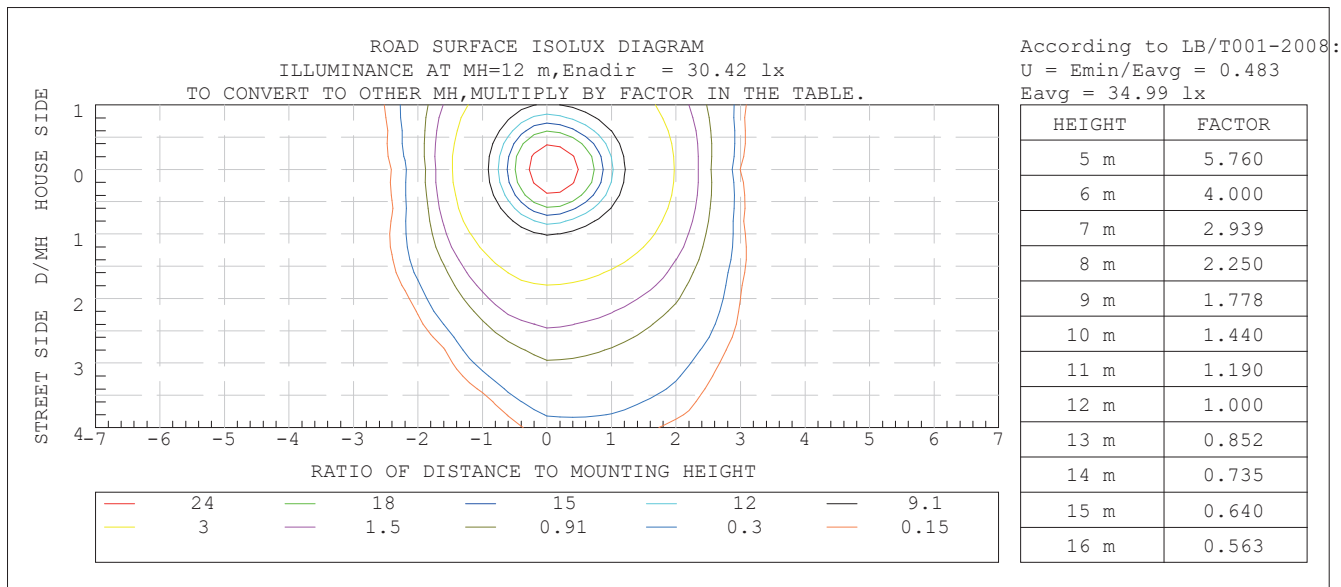
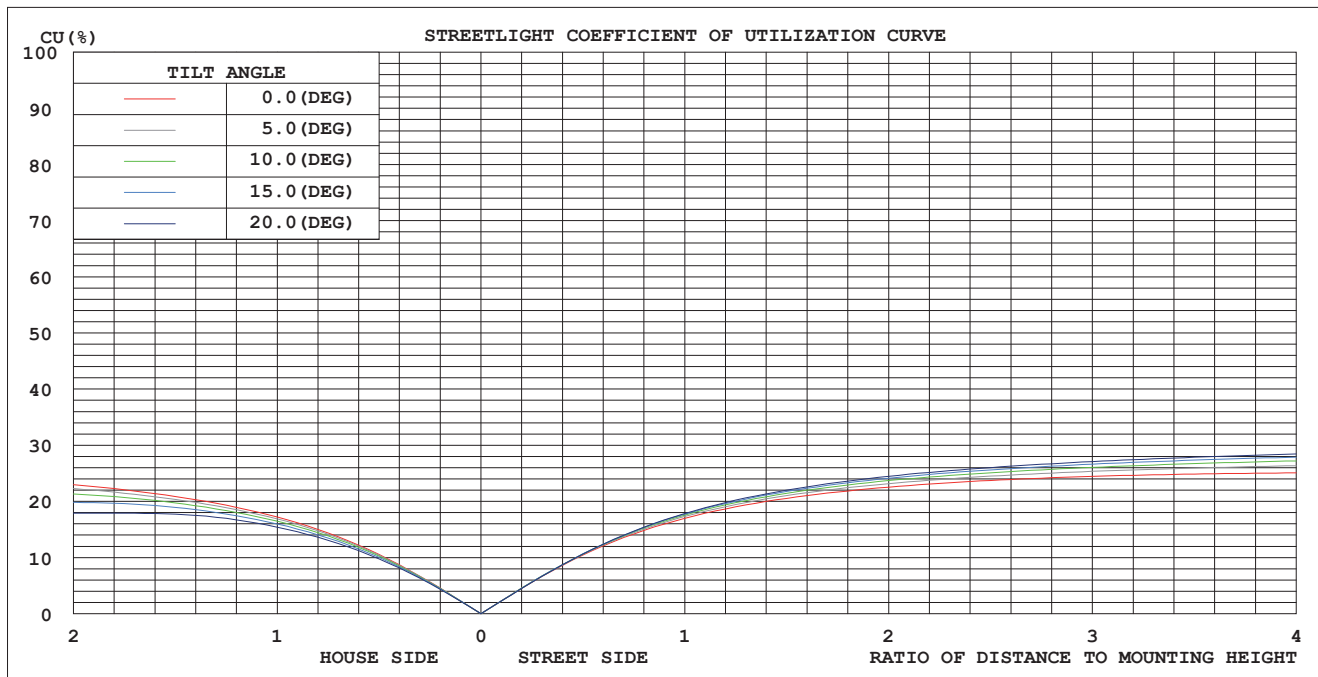
IES:Type IV - Very Short  
CIE:Narrow - Short  
IES:Cut-off  
CIE:Full cut-off  
Max.At80:16.89cd/klm  
Max.At90:0.7603cd/klm  
Max.80-90:16.89cd/klm  
NRB 5101:Limited[0.7%]

ISOCANDELA DIAGRAM	
UNIT	cd
I <sub>max</sub> =100%	5084
90%	4575
80%	4067
70%	3559
60%	3050
50%	2542
40%	2033
30%	1525
20%	1017
10%	508
5%	254

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:

### 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:227.5V I:0.4510A 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:

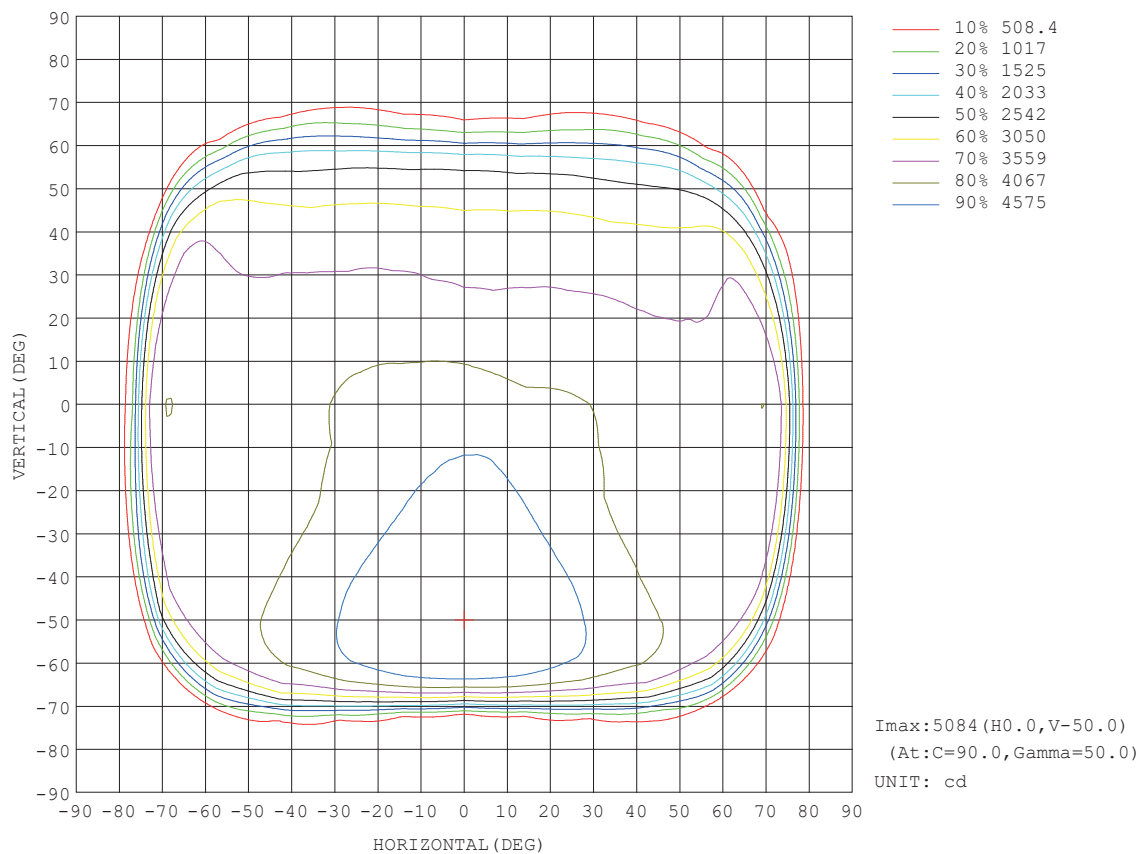
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	4343	4485	4540	4432	4359	4151	4043	4066	0- 10	411.4	411.4	2.45,1.26
20	4215	4500	4692	4475	4246	3944	3710	3832	10- 20	1201	1612	9.61,4.92
30	4052	4418	4814	4412	4086	3783	3514	3661	20- 30	1914	3527	21,10.8
40	3871	4322	4980	4352	3907	3561	3273	3444	30- 40	2531	6057	36.1,18.5
50	3727	4289	5084	4346	3770	3266	2805	3141	40- 50	3011	9068	54,27.7
60	3728	4256	4915	4312	3778	2786	1616	2576	50- 60	3301	12369	73.7,37.7
70	4065	3848	1664	3868	4031	1263	239.8	911.5	60- 70	3083	15452	92.1,47.2
80	134.6	140.7	136.5	160.1	97.76	75.24	54.62	72.39	70- 80	1272	16724	99.7,51
90	24.91	18.93	18.99	21.09	8.867	11.39	10.48	14.74	80- 90	55.43	16779	100,51.2
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

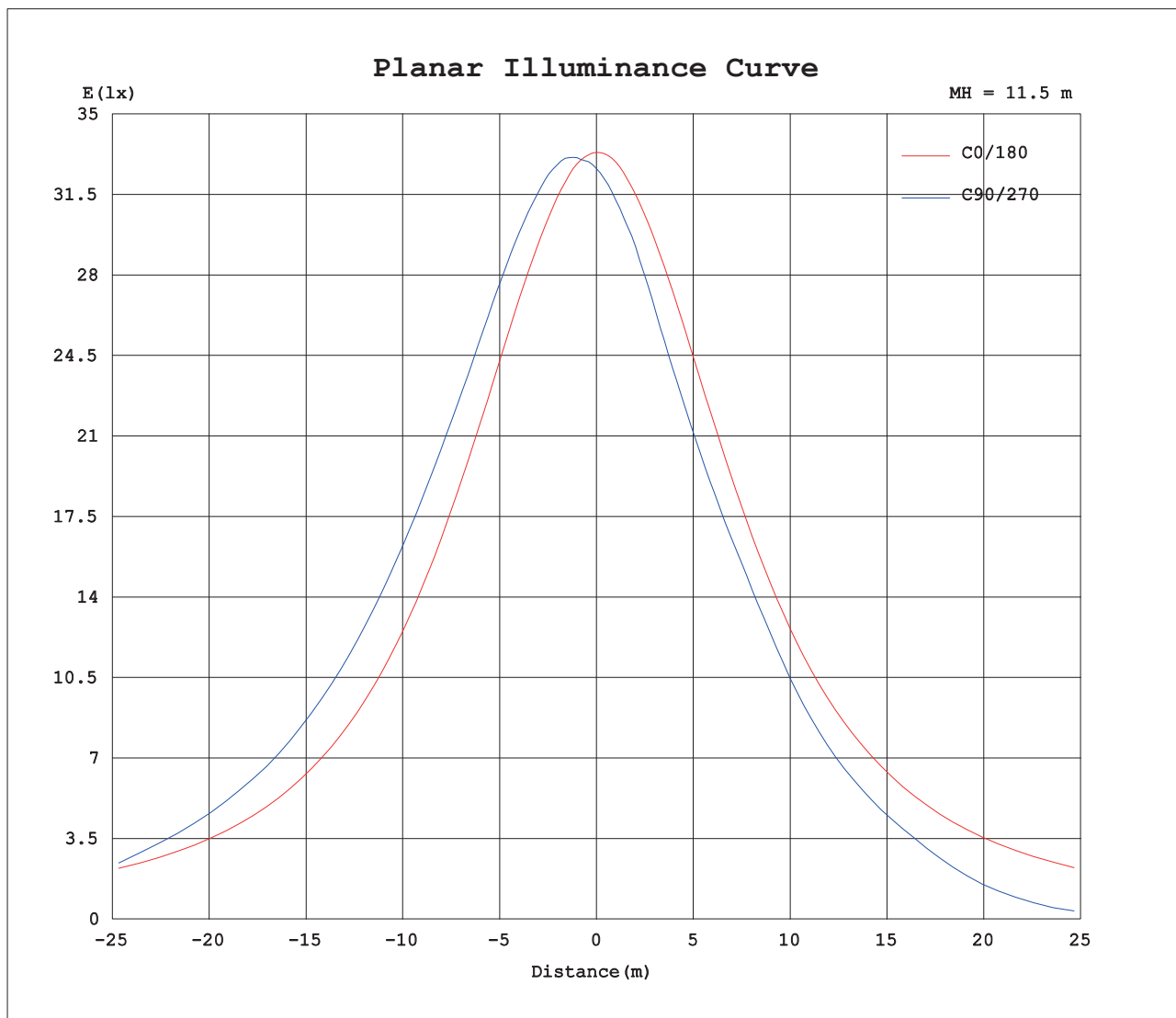
Test:U:227.5V I:0.4510A P:99.40W PF:0.9670 Lamp Flux:30738.3x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:2KG
DIM.: 595*340*140MM	SPEC.:100W	SERIAL No.:
MFR.:	SUR.:190*190MM	PROTECTION ANGLE:



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

$\gamma$  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:

```