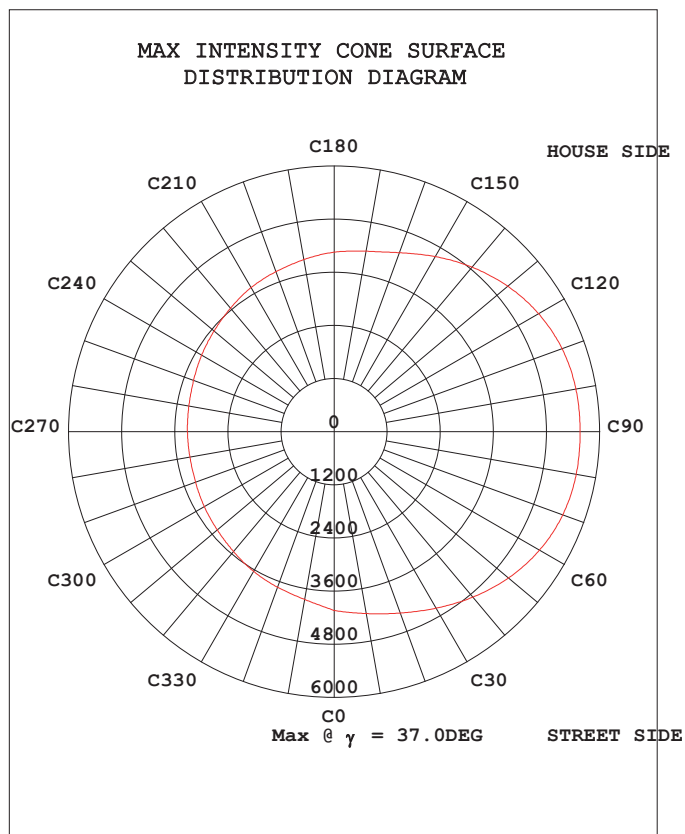
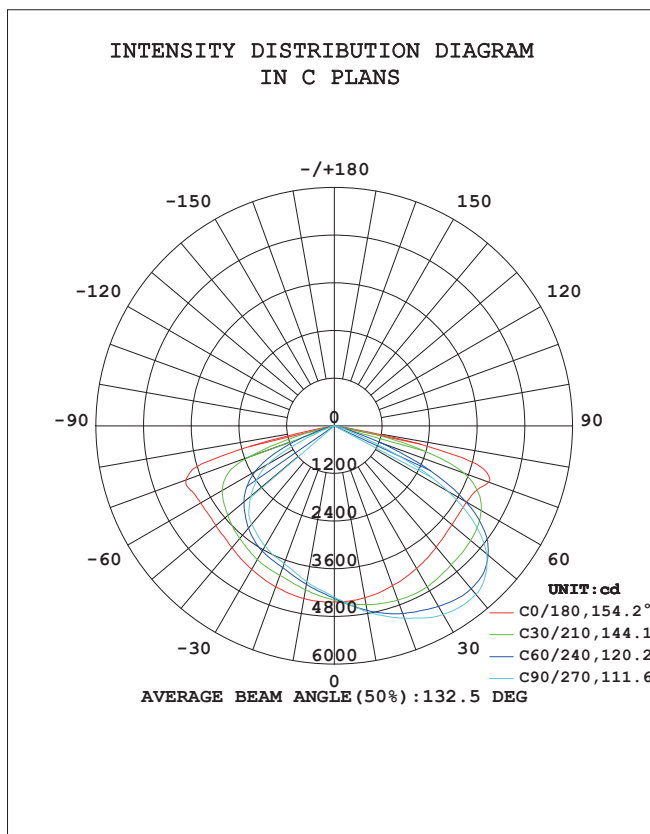


**STREETLIGHT PHOTOMETRIC TEST REPORT**

Test:U:227.4V I:0.4520A 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: 157.37 lm/W			
MODEL	GS/RLS8-100W T2M	Imax(cd)	5556	$\eta$ street_up(%)	0.0
NOMINAL POWER(W)	100	LOR(%)	50.9	$\eta$ street_down(%)	27.2
RATED VOLTAGE(V)	228	TOTAL FLUX(lm)	16677	$\eta$ house_up(%)	0.0
NOMINAL FLUX(lm)	32770	MAXIMUM @ (C, $\gamma$ )	90,37.0	$\eta$ house_down(%)	23.7
LAMPS INSIDE	1	$\eta$ up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	227.4	$\eta$ down(%)	50.9	SLI	



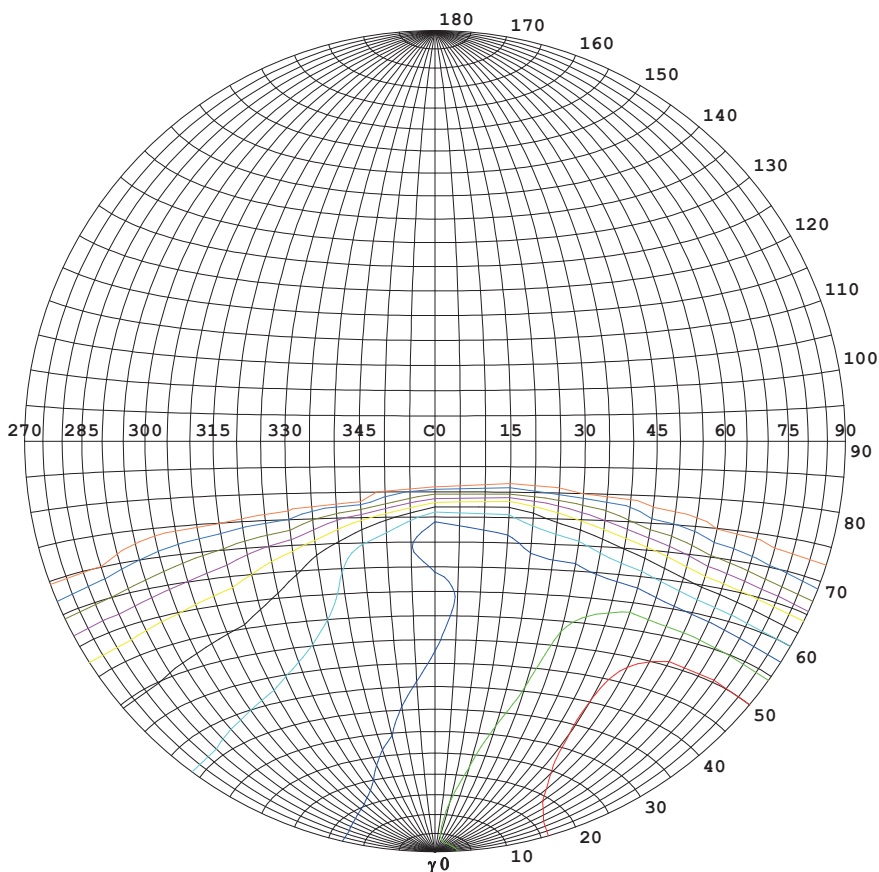
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2021-08-04

$\gamma$  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:

Note: SLI:Specific Luminaire Index

**STREETLIGHT ISOCANDELA DIAGRAM**

Test:U:227.4V I:0.4520A 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:**

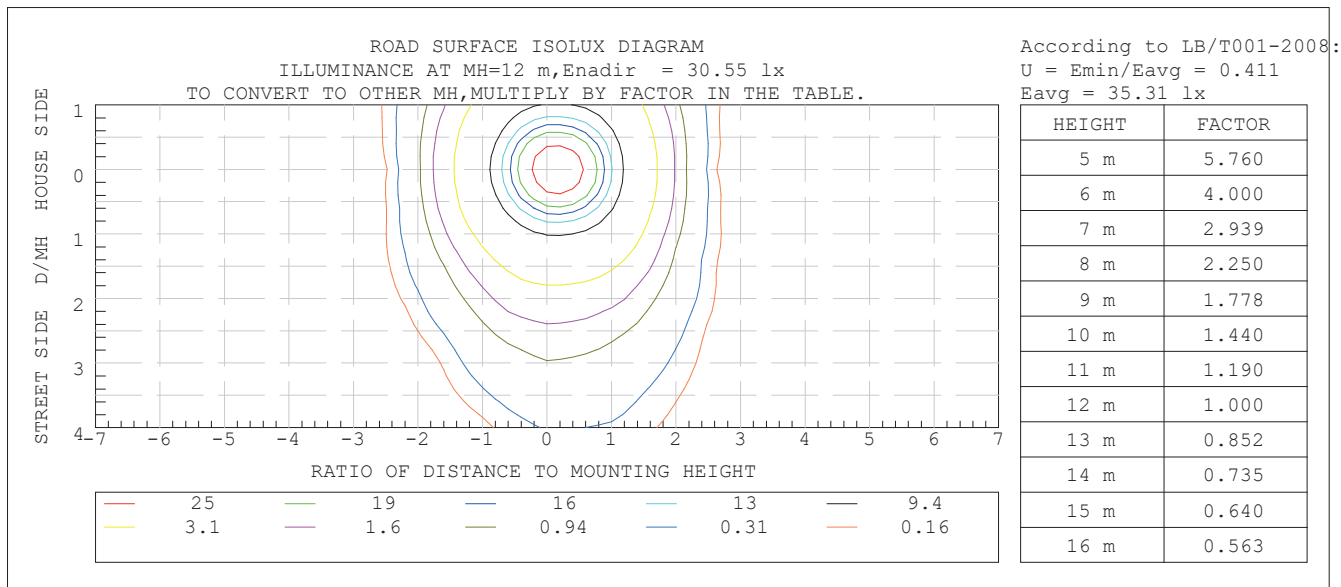
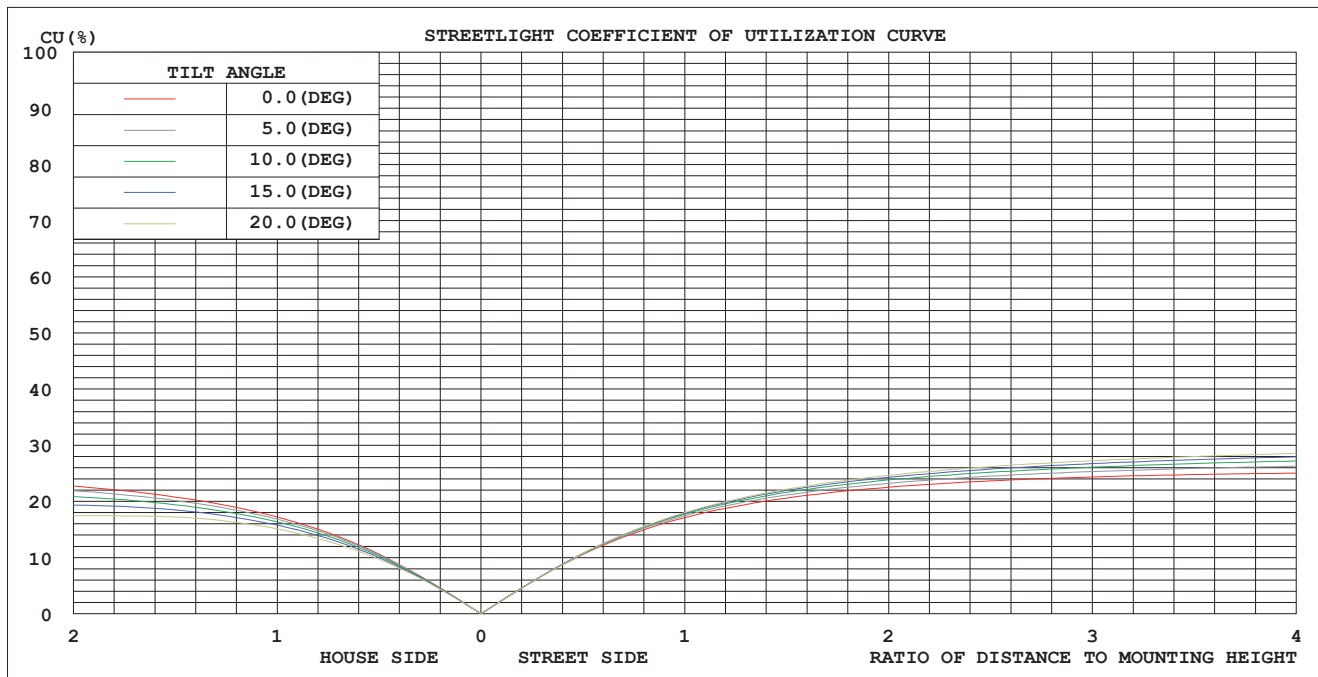
IES:Type IV - Very Short  
CIE:Narrow - Short  
IES:Cut-off  
CIE:Full cut-off  
Max.At80:25.80cd/klm  
Max.At90:0.9700cd/klm  
Max.80-90:25.80cd/klm  
NRB 5101:Limited[0.6%]

ISOCANDELA DIAGRAM	
UNIT	cd
I <sub>max</sub> =100%	5556
90%	5001
80%	4445
70%	3889
60%	3334
50%	2778
40%	2223
30%	1667
20%	1111
10%	556
5%	278

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:227.4V I:0.4520A 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:

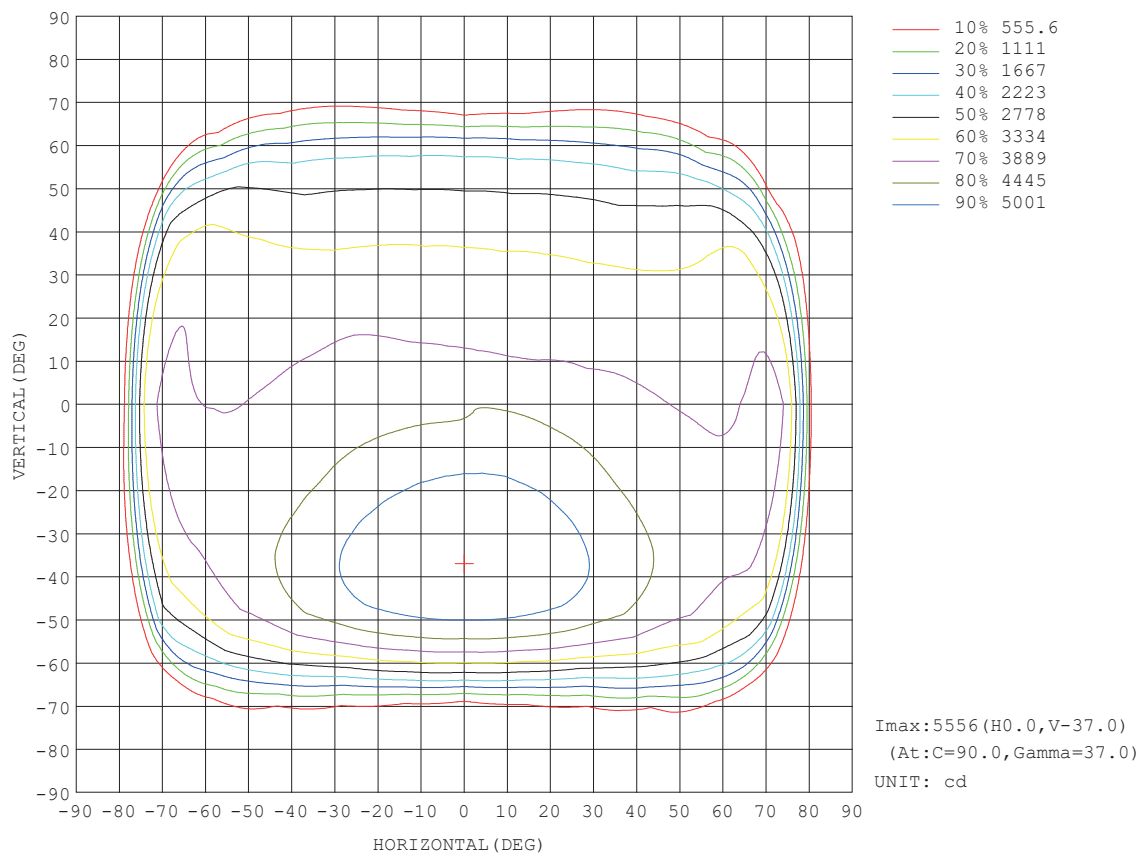
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	4395	4650	4750	4565	4414	4109	3988	4020	0- 10	414.5	414.5	2.49,1.26
20	4282	4865	5150	4800	4311	3896	3693	3802	10- 20	1231	1645	9.86,5.02
30	4147	4984	5482	4943	4170	3741	3494	3653	20- 30	2005	3650	21.9,11.1
40	3990	5003	5543	4988	4008	3503	3235	3405	30- 40	2682	6332	38,19.3
50	3869	4873	5005	4866	3899	3169	2740	3055	40- 50	3165	9497	56.9,29
60	3846	4267	3323	4227	3887	2642	1968	2493	50- 60	3290	12787	76.7,39
70	4144	2381	400.1	2221	3975	1322	250.4	1148	60- 70	2679	15465	92.7,47.2
80	836.4	155.4	120.9	153.0	281.0	78.83	47.75	72.16	70- 80	1147	16612	99.6,50.7
90	31.79	27.27	18.76	21.52	16.47	10.91	7.353	9.327	80- 90	64.42	16677	100,50.9
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

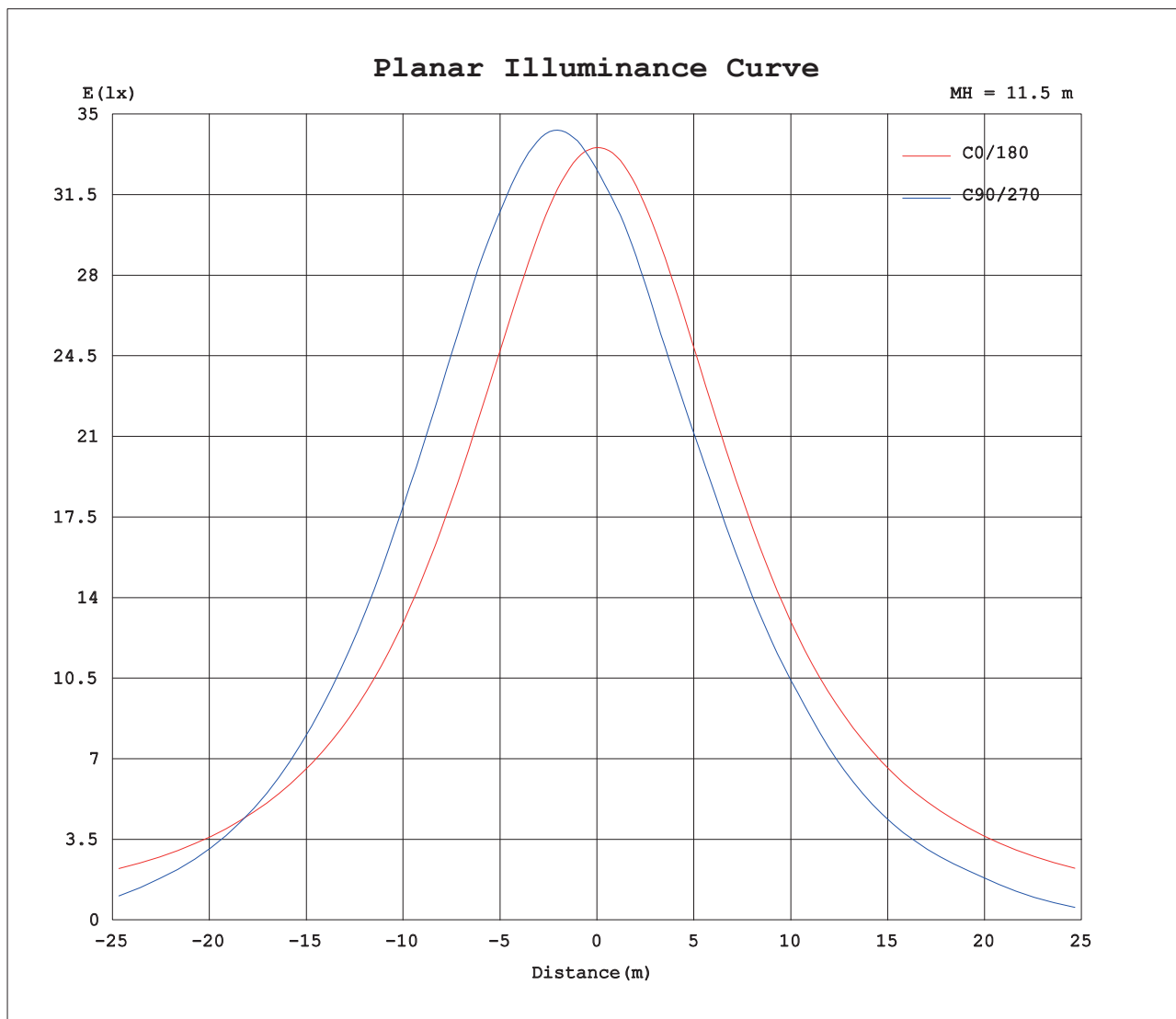
Test:U:227.4V I:0.4520A P:99.40W PF:0.9670 Lamp Flux:30738.3x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:2KG
DIM.: 595*340*140MM	SPEC.:100W	SERIAL No.:
MFR.:	SUR.:190*190MM	PROTECTION ANGLE:



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:

```