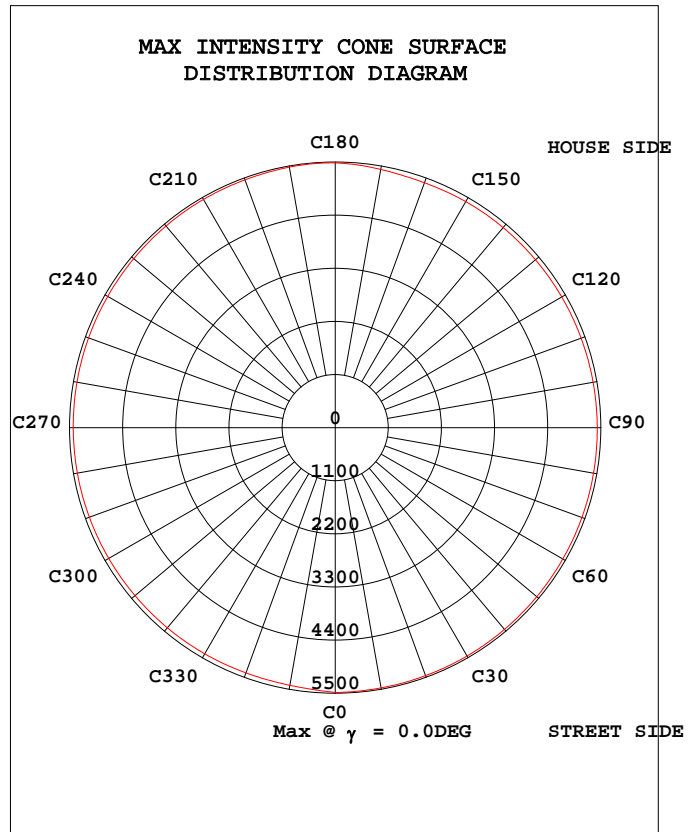
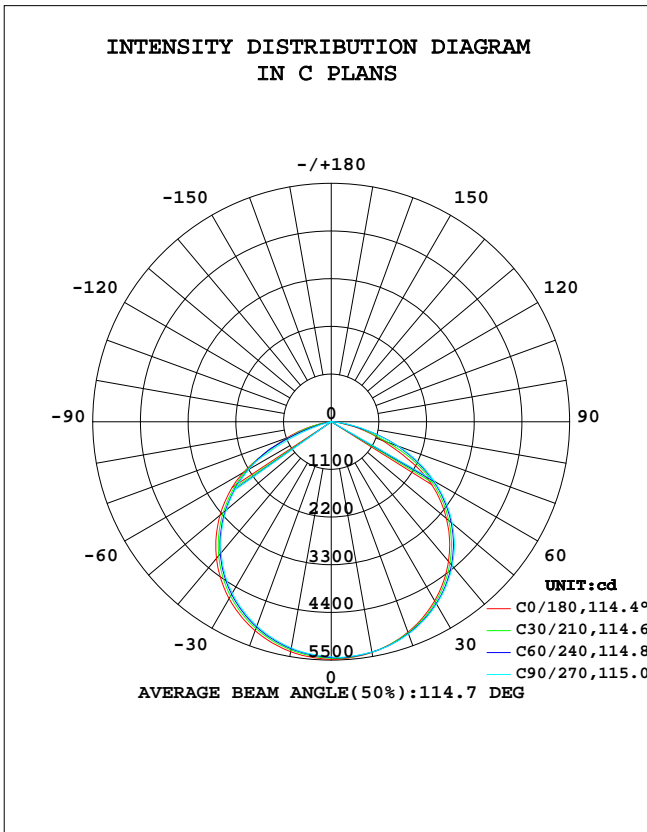


**STREETLIGHT PHOTOMETRIC TEST REPORT**

Test:U:228.1V I:0.4660A P:103.2W PF:0.9710 Lamp Flux:15239.6x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:2KG
DIM.: 613*240*109MM	SPEC.:100	SERIAL No.:
MFR.:	SUR.:180*186MM	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 147.67 lm/W			
MODEL	RL-S7-100W	I <sub>max</sub> (cd)	5483	η street_up(%)	0.0
NOMINAL POWER(W)	104	LOR(%)	100.0	η street_down(%)	54.2
RATED VOLTAGE(V)	228	TOTAL FLUX(lm)	15240	η house_up(%)	0.0
NOMINAL FLUX(lm)	15239.6	MAXIMUM @(C,γ )	0,0.0	η house_down(%)	45.8
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	228.1	η down(%)	100.0	SLI	



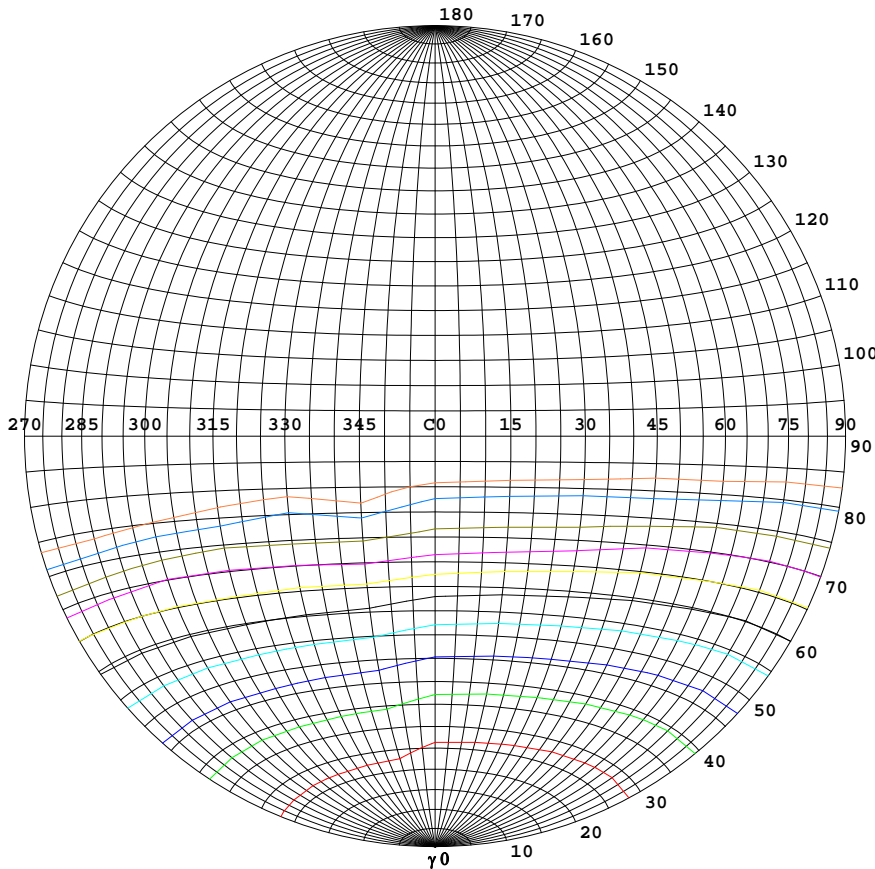
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2021-04-24

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:228.1V I:0.4660A P:103.2W PF:0.9710 Lamp Flux:15239.6x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:2KG
DIM.: 613*240*109MM	SPEC.:100	SERIAL No.:
MFR.:	SUR.:180*186MM	PROTECTION ANGLE:



**Classification:**

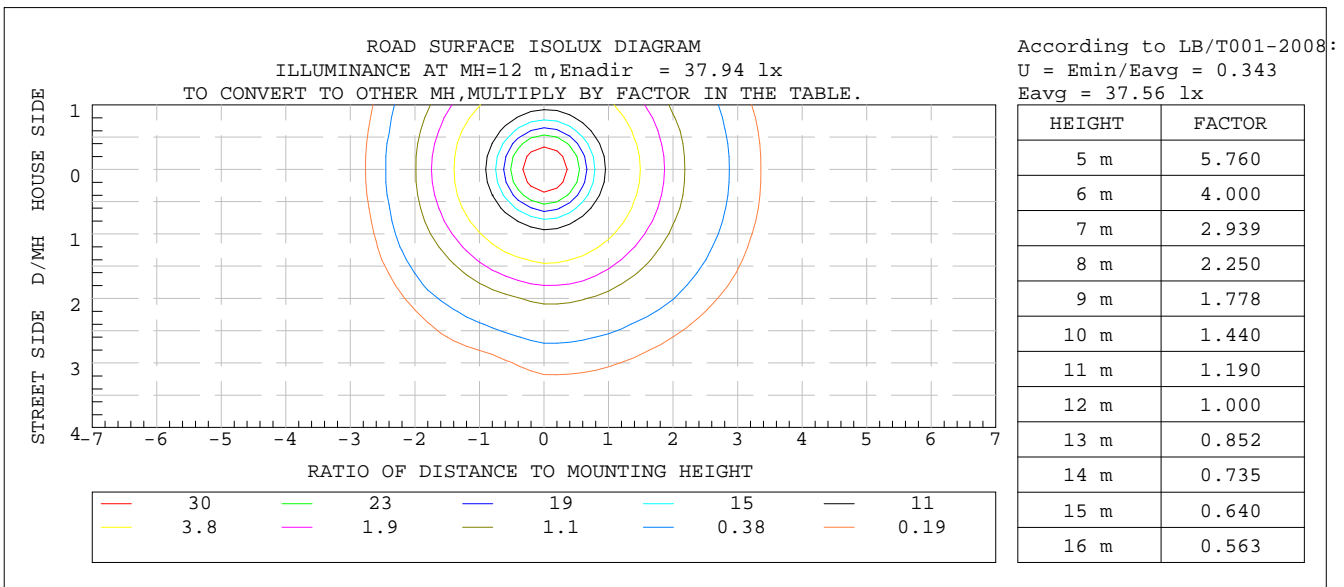
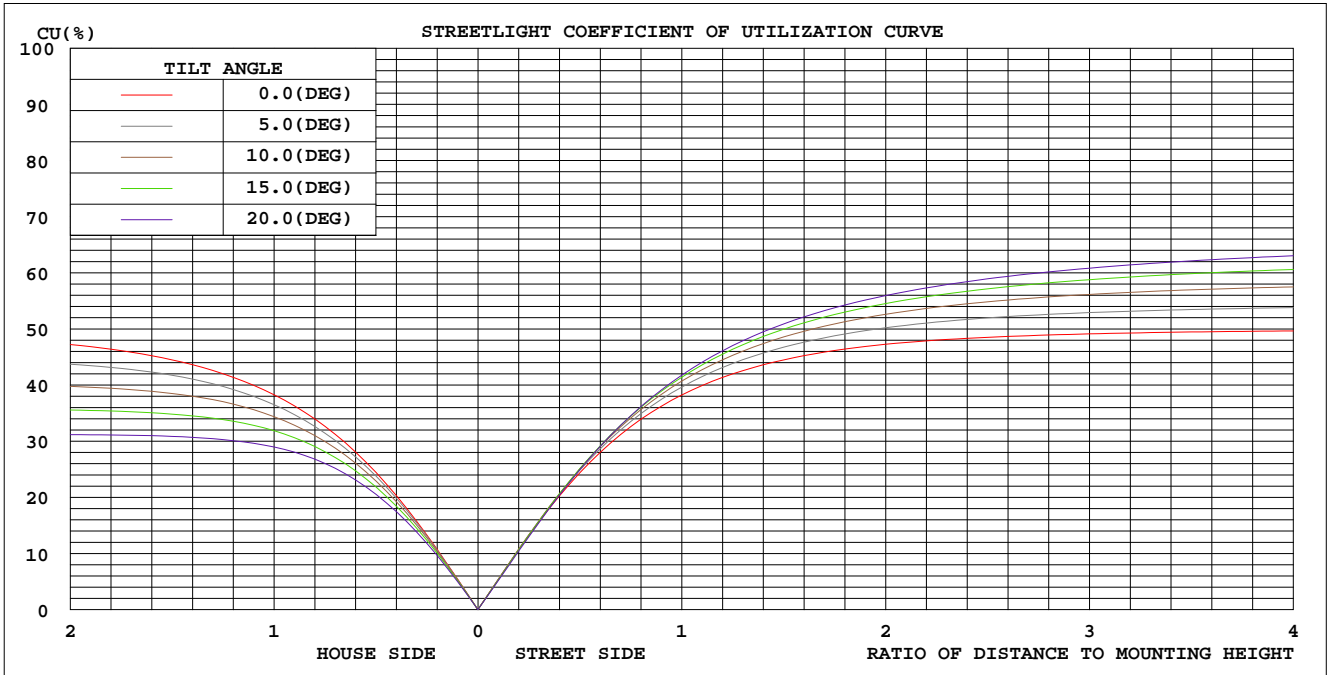
IES:Type II - Very Short  
 CIE:Narrow - Short  
 IES:Cut-off  
 CIE:Semi-cut-off  
 Max.At80:33.02cd/klm  
 Max.At90:1.947cd/klm  
 Max.80-90:33.02cd/klm  
 NRB 5101:Limited[6.0%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	5483
90%	4934
80%	4386
70%	3838
60%	3290
50%	2741
40%	2193
30%	1645
20%	1097
10%	548
5%	274

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021-04-24

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: 2021-04-24

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:228.1V I:0.4660A P:103.2W PF:0.9710 Lamp Flux:15239.6x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:2KG
DIM.: 613*240*109MM	SPEC.:100	SERIAL No.:
MFR.:	SUR.:180*186MM	PROTECTION ANGLE:

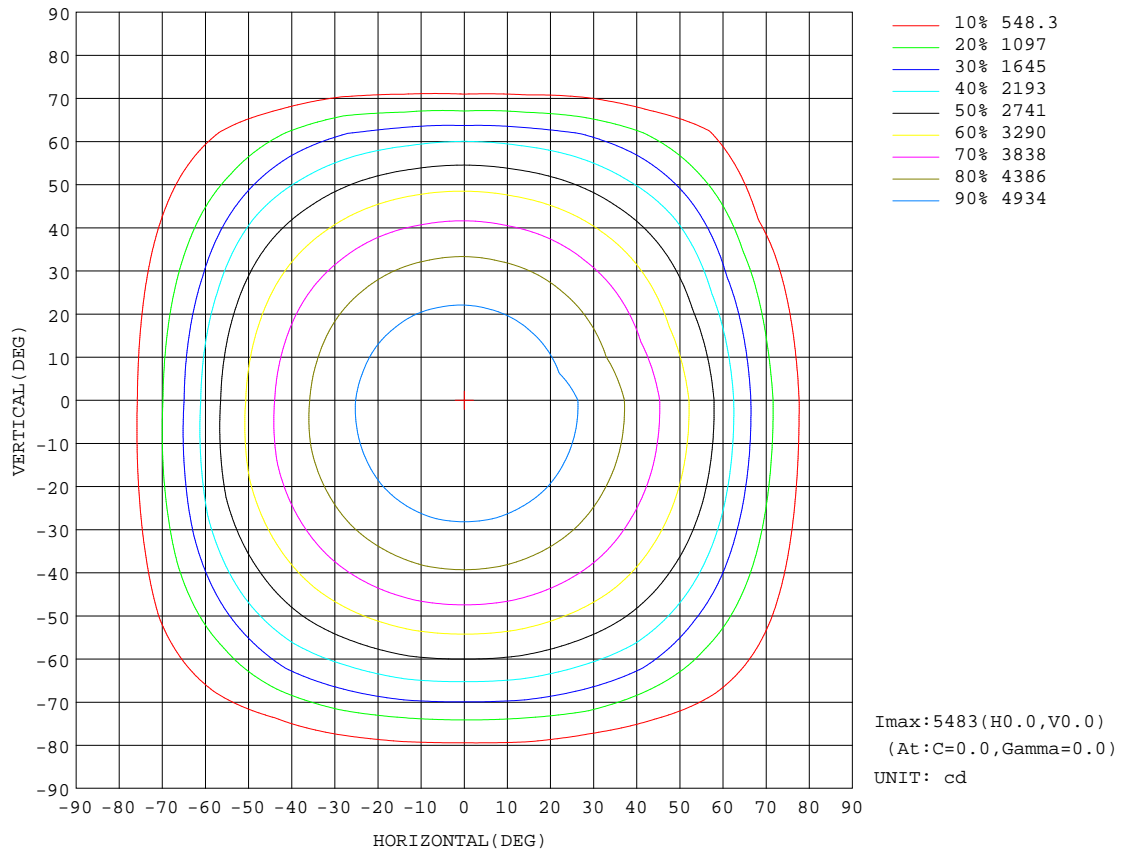
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	5404	5397	5395	5369	5388	5329	5298	5288	0- 10	514.6	514.6	3.38,3.38
20	5169	5196	5209	5176	5132	5053	5012	5011	10- 20	1483	1998	13.1,13.1
30	4770	4831	4859	4818	4712	4614	4569	4574	20- 30	2275	4273	28,28
40	4206	4294	4345	4284	4118	4001	3953	3965	30- 40	2783	7055	46.3,46.3
50	3468	3583	3646	3570	3348	3204	3156	3181	40- 50	2920	9975	65.5,65.5
60	2501	2689	2745	2680	2339	2228	2196	2216	50- 60	2628	12603	82.7,82.7
70	1246	1574	1635	1581	1083	1018	716.5	1011	60- 70	1821	14425	94.7,94.7
80	320.8	433.8	488.7	424.4	201.1	106.1	8.834	103.1	70- 80	716.2	15141	99.4,99.4
90	20.49	27.37	29.47	26.39	11.41	11.83	12.80	12.44	80- 90	98.80	15240	100,100
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:2021-04-24

$\gamma$  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**

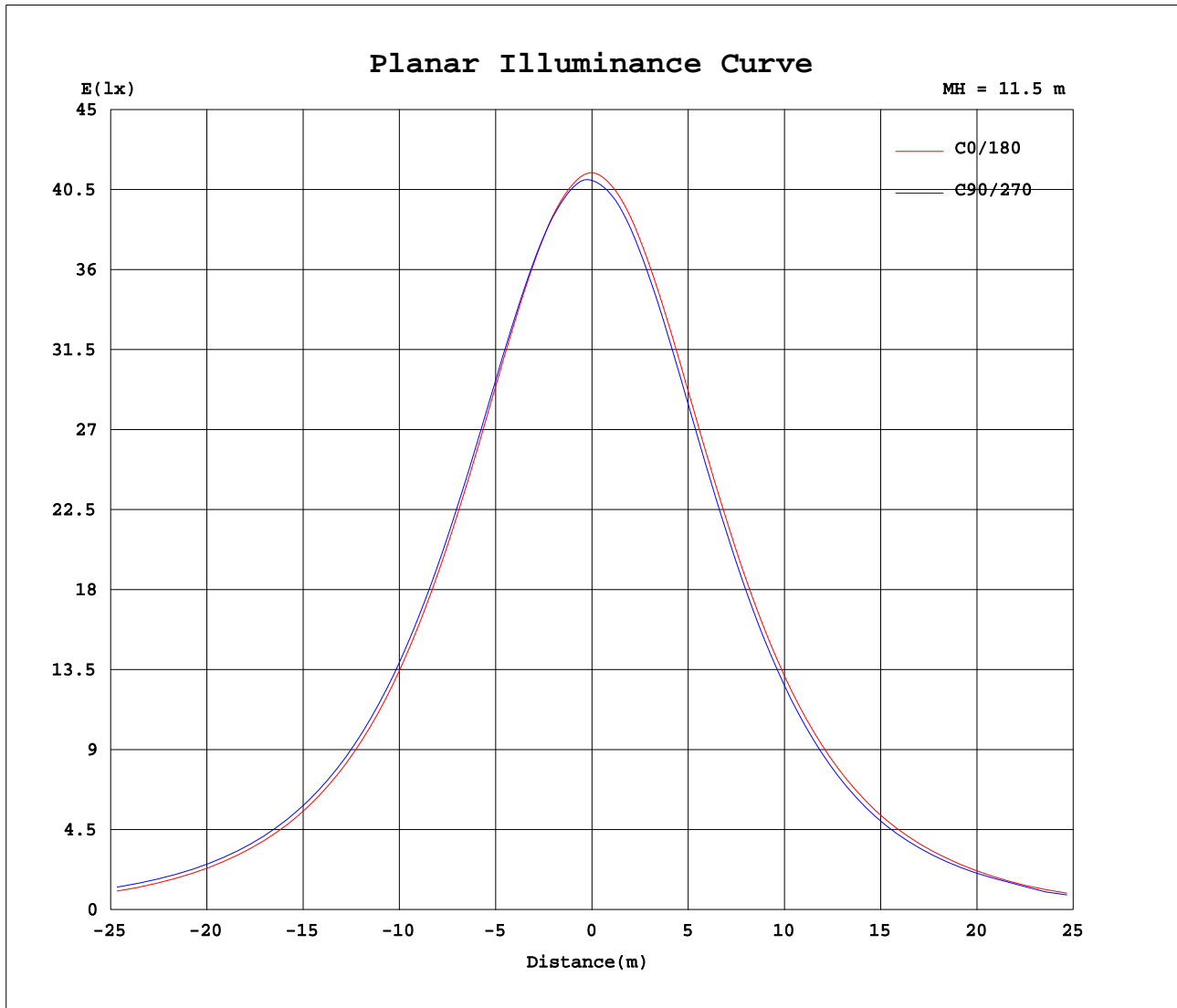
Test:U:228.1V I:0.4660A P:103.2W PF:0.9710 Lamp Flux:15239.6x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:2KG
DIM.: 613*240*109MM	SPEC.:100	SERIAL No.:
MFR.:	SUR.:180*186MM	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2021-04-24

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: 2021-04-24

$\gamma$  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:



