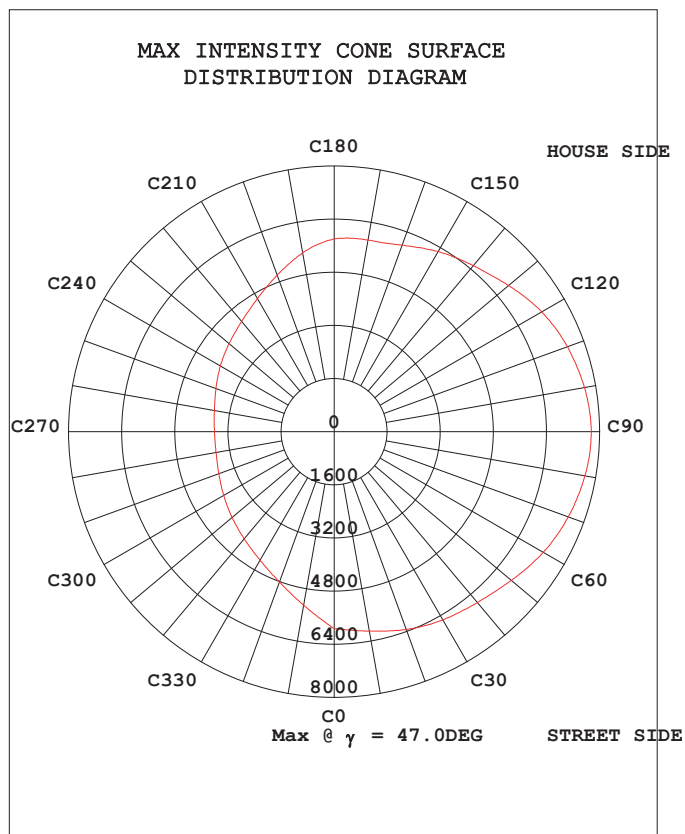
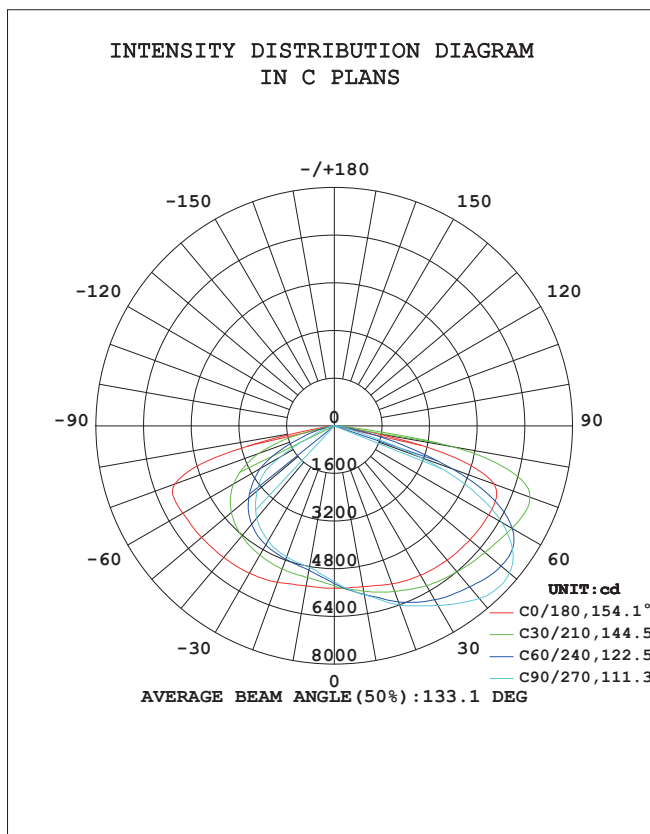


**STREETLIGHT PHOTOMETRIC TEST REPORT**

Test:U:227.7V I:0.6610A P:148.4W 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: 154.76 lm/W			
MODEL	GS/RLS8-150W T4M	I <sub>max</sub> (cd)	7743	η street_up(%)	0.0
NOMINAL POWER(W)	150	LOR(%)	74.7	η street_down(%)	40.0
RATED VOLTAGE(V)	228	TOTAL FLUX(lm)	24484	η house_up(%)	0.0
NOMINAL FLUX(lm)	32770	MAXIMUM @ (C, γ )	90,47.0	η house_down(%)	34.7
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	227.8	η down(%)	74.7	SLI	



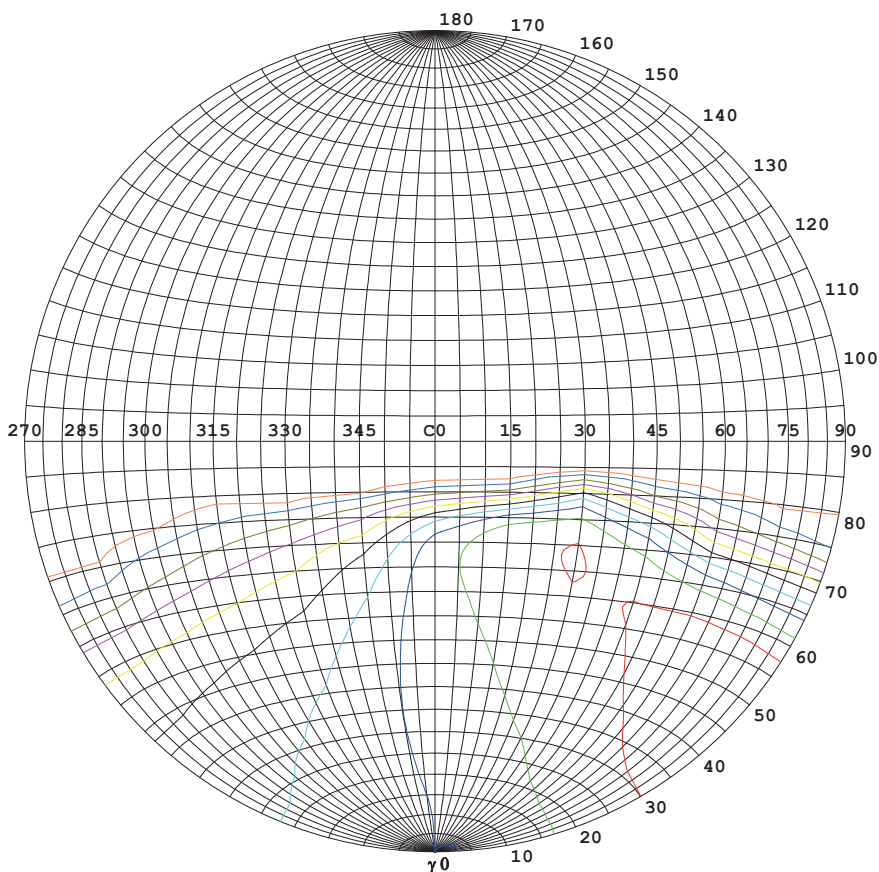
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2021-08-04

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:227.7V I:0.6610A P:148.4W 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:

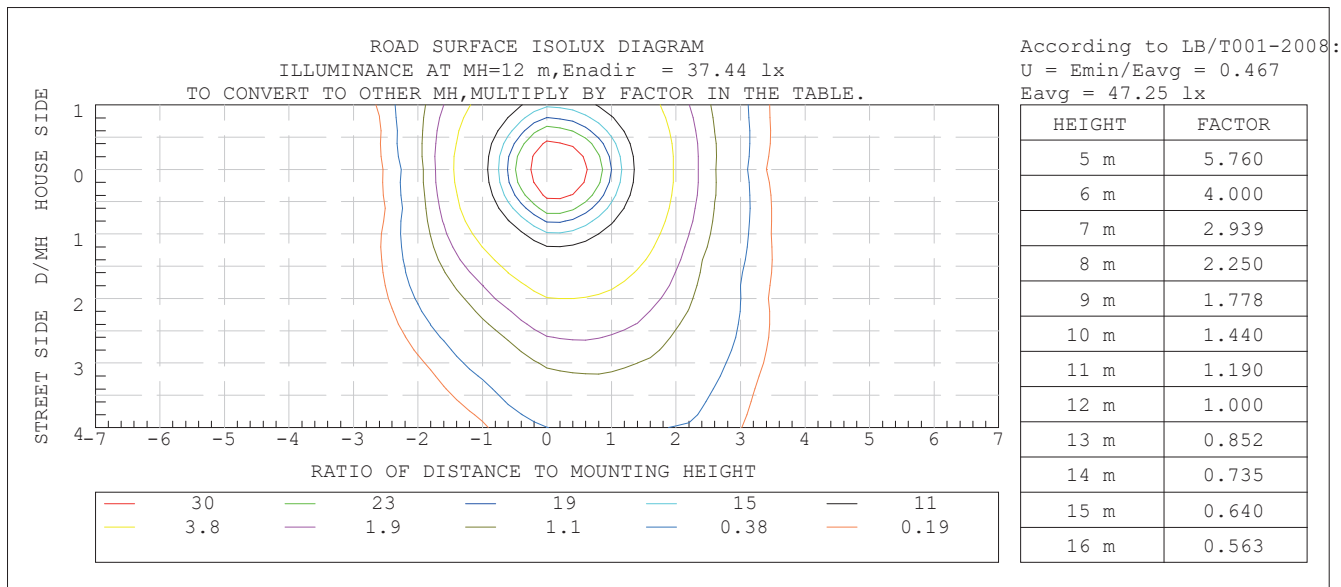
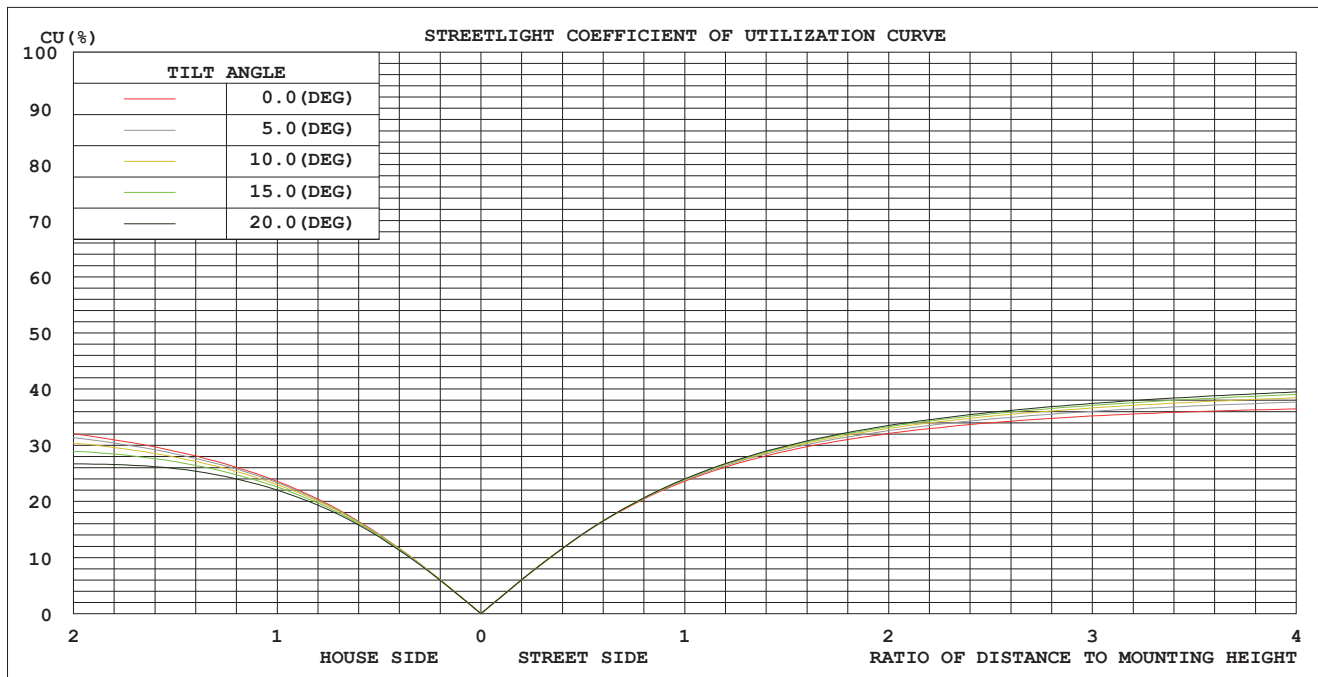
IES:Type IV - Very Short  
CIE:Average - Short  
IES:Semi cut-off  
CIE:Non-cut-off  
Max.At80:122.5cd/klm  
Max.At90:1.860cd/klm  
Max.80-90:122.5cd/klm  
NRB 5101:Limited[5.3%]

ISOCANDELA DIAGRAM	
UNIT	cd
I <sub>max</sub> =100%	7743
90%	6969
80%	6195
70%	5420
60%	4646
50%	3872
40%	3097
30%	2323
20%	1549
10%	774
5%	387

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:227.7V I:0.6610A P:148.4W 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:

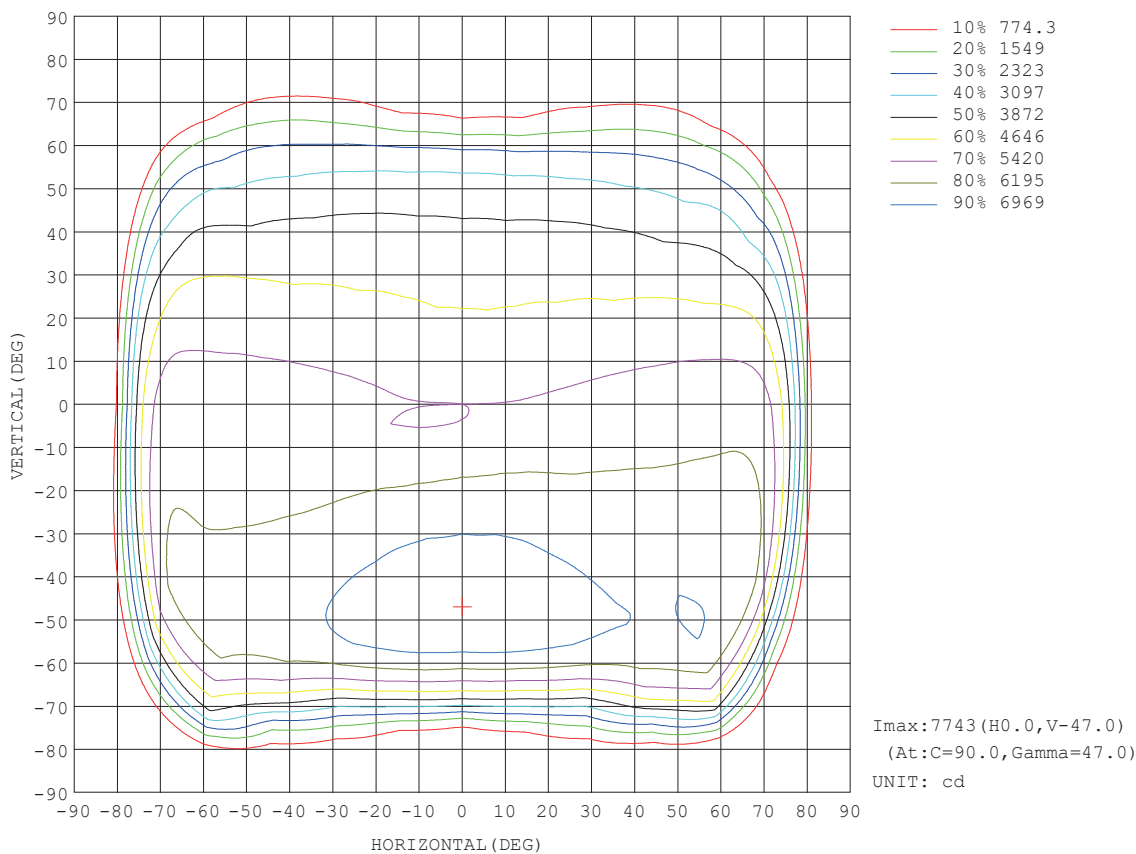
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	5484	5700	5755	5521	5460	5037	4823	4923	0- 10	505.0	505.0	2.06,1.54
20	5642	6117	6396	5907	5588	4895	4683	4820	10- 20	1531	2036	8.31,6.21
30	5789	6496	6962	6318	5709	4748	4455	4680	20- 30	2572	4607	18.8,14.1
40	5886	6702	7567	6544	5773	4507	4053	4424	30- 40	3544	8151	33.3,24.9
50	5949	6882	7678	6734	5821	4066	3384	3923	40- 50	4338	12489	51,38.1
60	5985	6978	6487	6807	5871	3287	2084	3082	50- 60	4783	17272	70.5,52.7
70	5703	5972	2971	5686	5694	1978	430.8	1661	60- 70	4392	21664	88.5,66.1
80	1253	1560	372.0	1390	853.9	295.6	108.6	206.8	70- 80	2531	24195	98.8,73.8
90	60.95	51.98	51.76	59.30	36.73	38.90	34.19	43.77	80- 90	289.5	24484	100,74.7
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

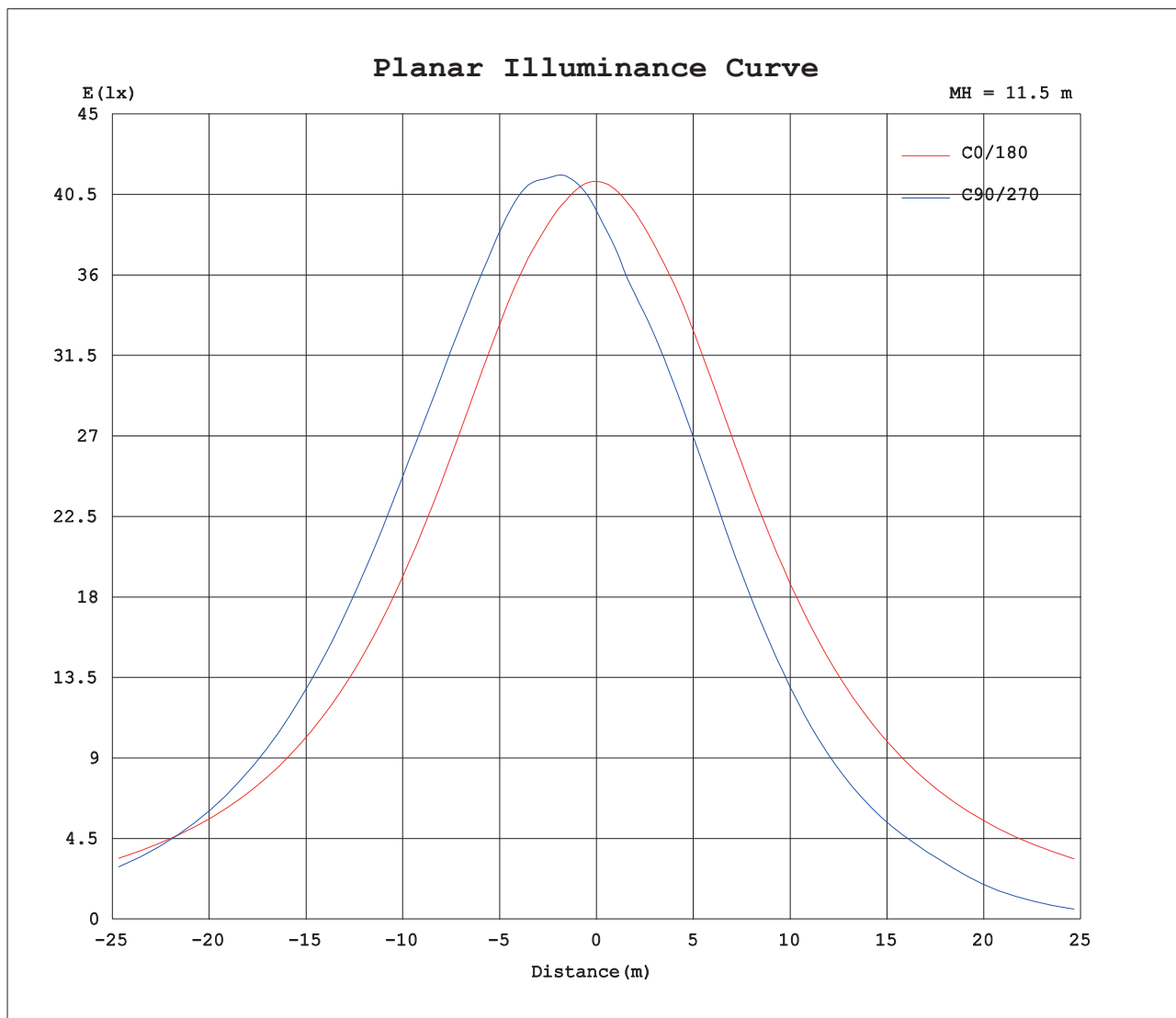
Test:U:227.7V I:0.6610A P:148.4W PF:0.9860 Lamp Flux:30738.3x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:2KG
DIM.: 595*340*140MM	SPEC.:150W	SERIAL No.:
MFR.:	SUR.:190*240MM	PROTECTION ANGLE:



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

$\gamma$  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:

```