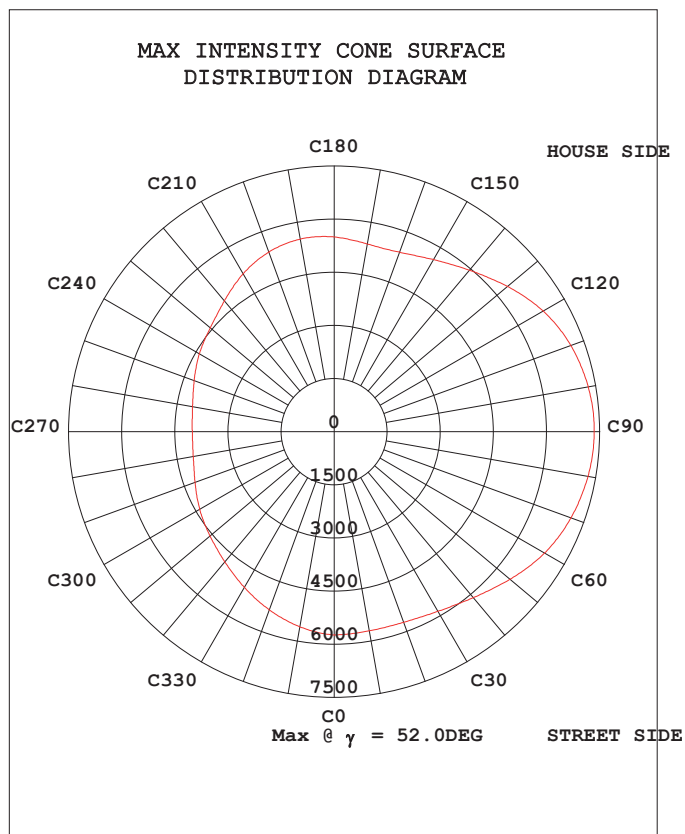
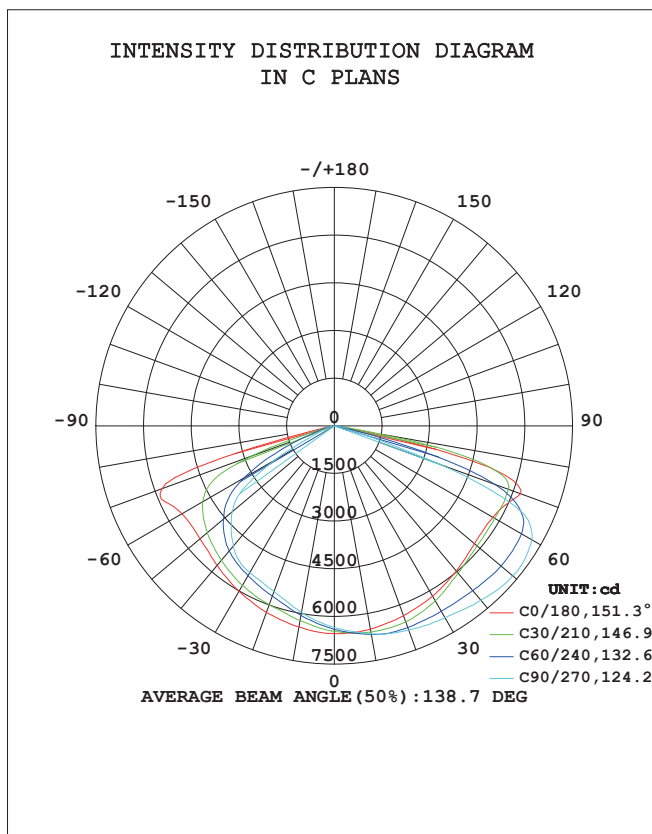


**STREETLIGHT PHOTOMETRIC TEST REPORT**

Test:U:227.9V I:0.6610A P:148.7W 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: 157.43 lm/W			
MODEL	GS/RLS8-150W T3M	I <sub>max</sub> (cd)	7346	η street_up(%)	0.0
NOMINAL POWER(W)	150	LOR(%)	76.2	η street_down(%)	41.5
RATED VOLTAGE(V)	228	TOTAL FLUX(lm)	24957	η house_up(%)	0.0
NOMINAL FLUX(lm)	32770	MAXIMUM @ (C,γ )	90,52.0	η house_down(%)	34.6
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	227.8	η down(%)	76.2	SLI	



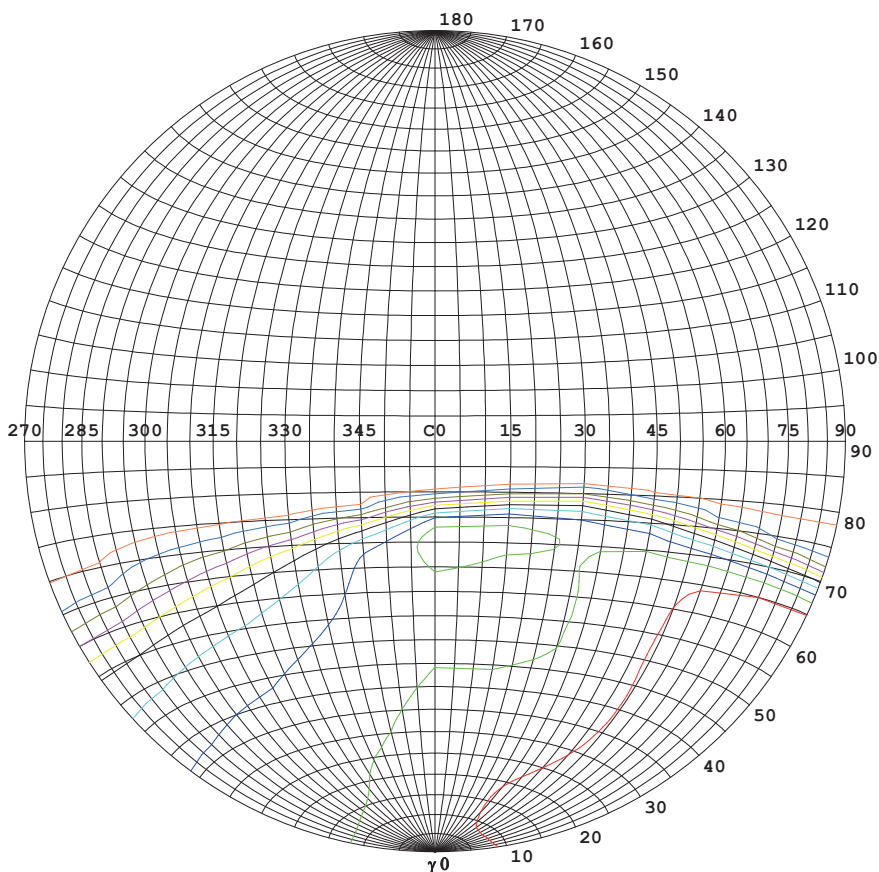
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2021-08-04

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:227.9V I:0.6610A P:148.7W 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:**

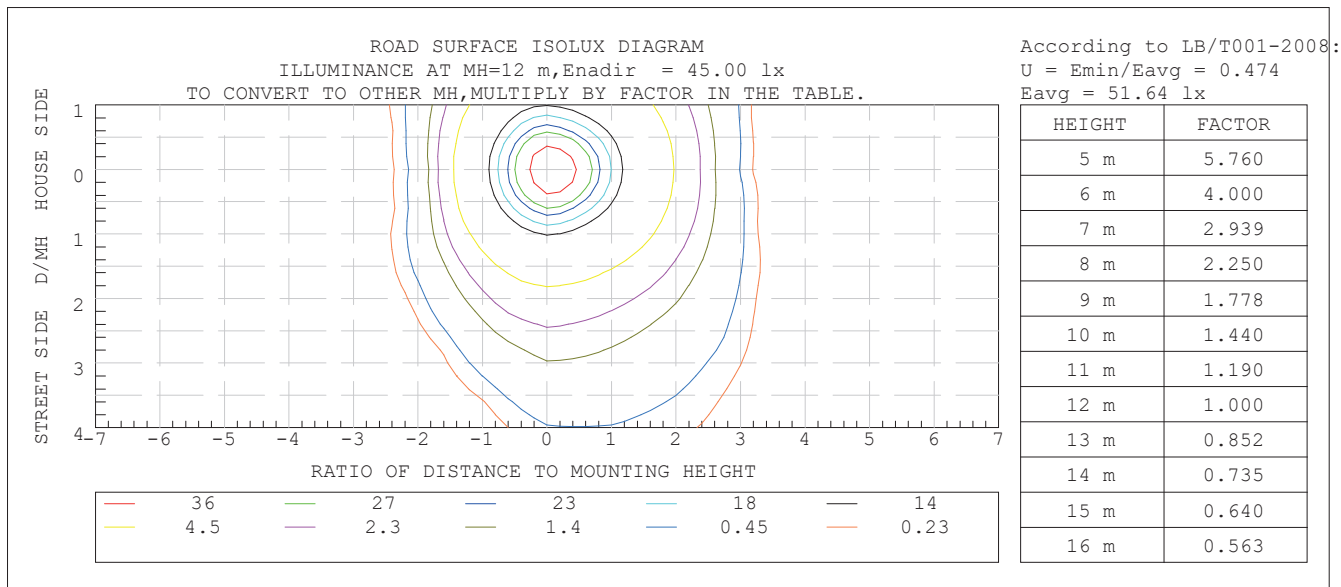
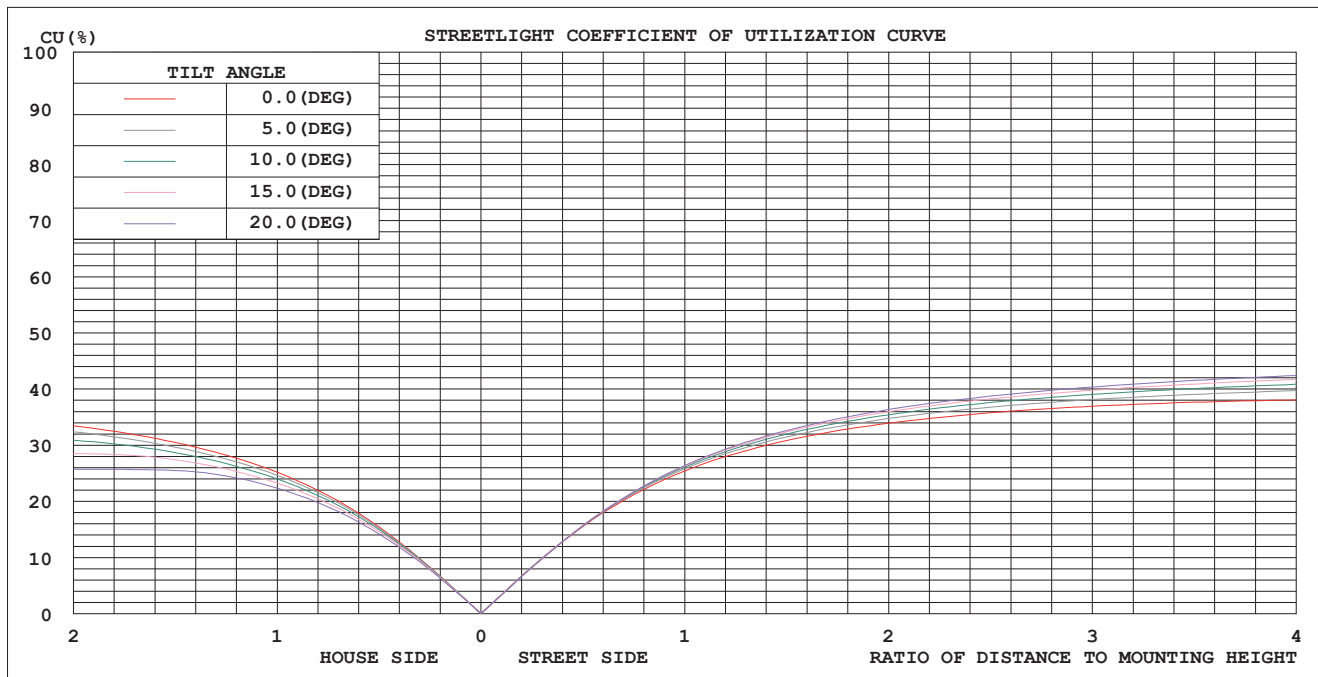
IES:Type IV - Very Short  
CIE:Narrow - Short  
IES:Cut-off  
CIE:Semi-cut-off  
Max.At80:42.64cd/klm  
Max.At90:2.316cd/klm  
Max.80-90:42.64cd/klm  
NRB 5101:Limited[2.1%]

ISOCANDELA DIAGRAM	
UNIT	cd
I <sub>max</sub> =100%	7346
90%	6612
80%	5877
70%	5142
60%	4408
50%	3673
40%	2939
30%	2204
20%	1469
10%	735
5%	367

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:227.9V I:0.6610A P:148.7W 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:

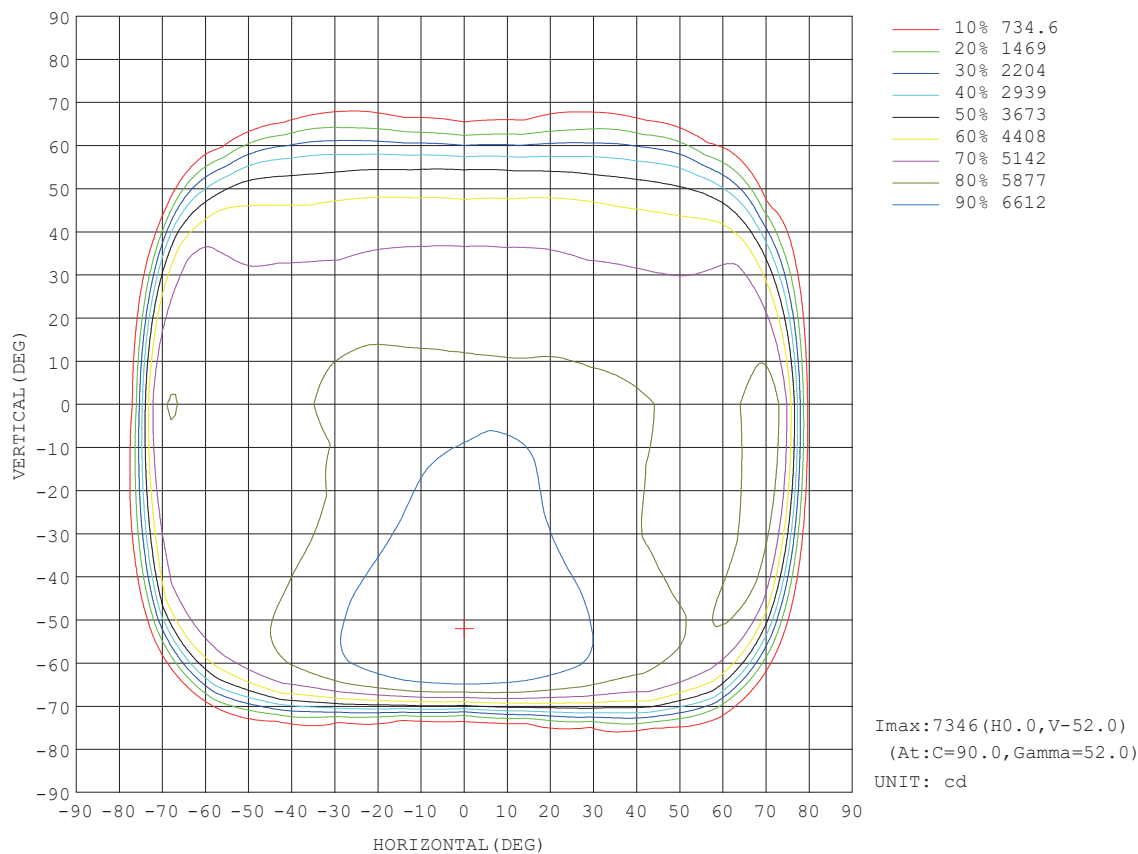
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	6497	6630	6645	6435	6426	6128	5961	6023	0- 10	605.8	605.8	2.43,1.85
20	6359	6669	6839	6490	6248	5836	5557	5764	10- 20	1773	2379	9.53,7.26
30	6188	6526	6970	6351	6007	5598	5327	5545	20- 30	2833	5212	20.9,15.9
40	5968	6356	7169	6200	5740	5268	4944	5252	30- 40	3743	8955	35.9,27.3
50	5766	6293	7339	6159	5524	4797	4200	4808	40- 50	4445	13400	53.7,40.9
60	5759	6246	7178	6142	5542	3976	2208	3894	50- 60	4847	18247	73.1,55.7
70	6238	5849	3526	5559	5774	1380	353.7	1404	60- 70	4530	22777	91.3,69.5
80	472.2	450.4	301.7	318.6	183.0	130.2	111.3	163.4	70- 80	2034	24811	99.4,75.7
90	75.89	71.30	67.10	64.83	49.90	52.41	48.61	55.24	80- 90	145.2	24957	100,76.2
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

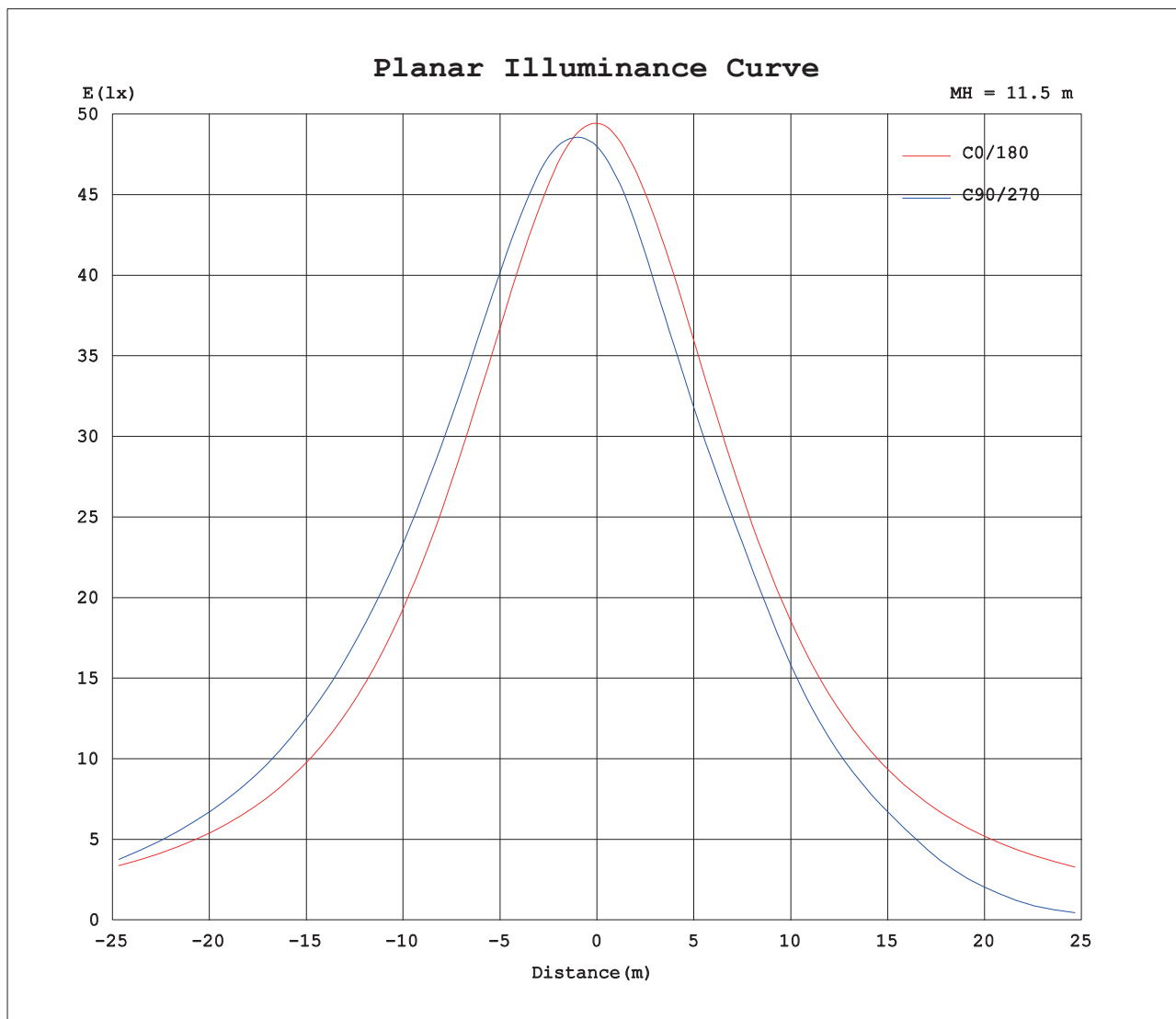
Test:U:227.9V I:0.6610A P:148.7W PF:0.9860 Lamp Flux:30738.3x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:2KG
DIM.: 595*340*140MM	SPEC.:150W	SERIAL No.:
MFR.:	SUR.:190*240MM	PROTECTION ANGLE:



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:

```