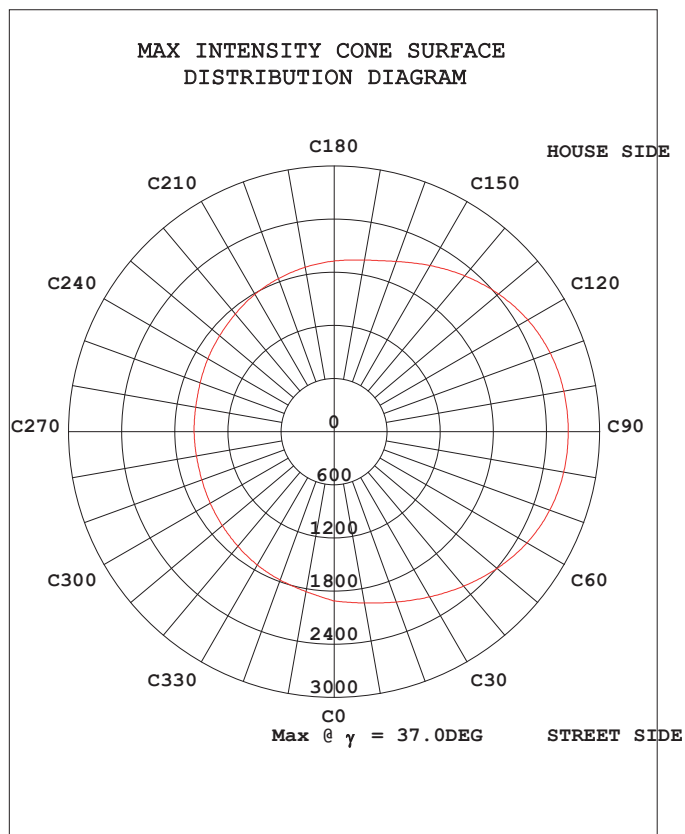
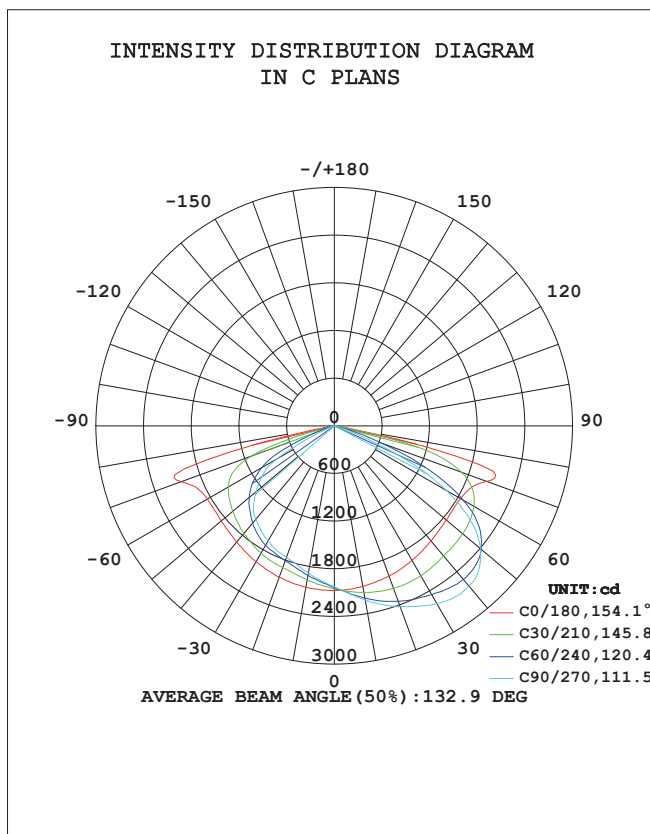


**STREETLIGHT PHOTOMETRIC TEST REPORT**

Test:U:227.4V I:0.2260A P:49.80W PF:0.9670 Lamp Flux:30738.3x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:1KG
DIM.: 595*340*140MM	SPEC.:50W	SERIAL No.:
MFR.:	SUR.:140*140MM	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 148.81 lm/W			
MODEL	GS/RLS8-50W T2M	I <sub>max</sub> (cd)	2644	η street_up(%)	0.0
NOMINAL POWER(W)	50	LOR(%)	24.1	η street_down(%)	12.8
RATED VOLTAGE(V)	228	TOTAL FLUX(lm)	7900	η house_up(%)	0.0
NOMINAL FLUX(lm)	32770	MAXIMUM @ (C,γ )	90,37.0	η house_down(%)	11.3
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	227.3	η down(%)	24.1	SLI	



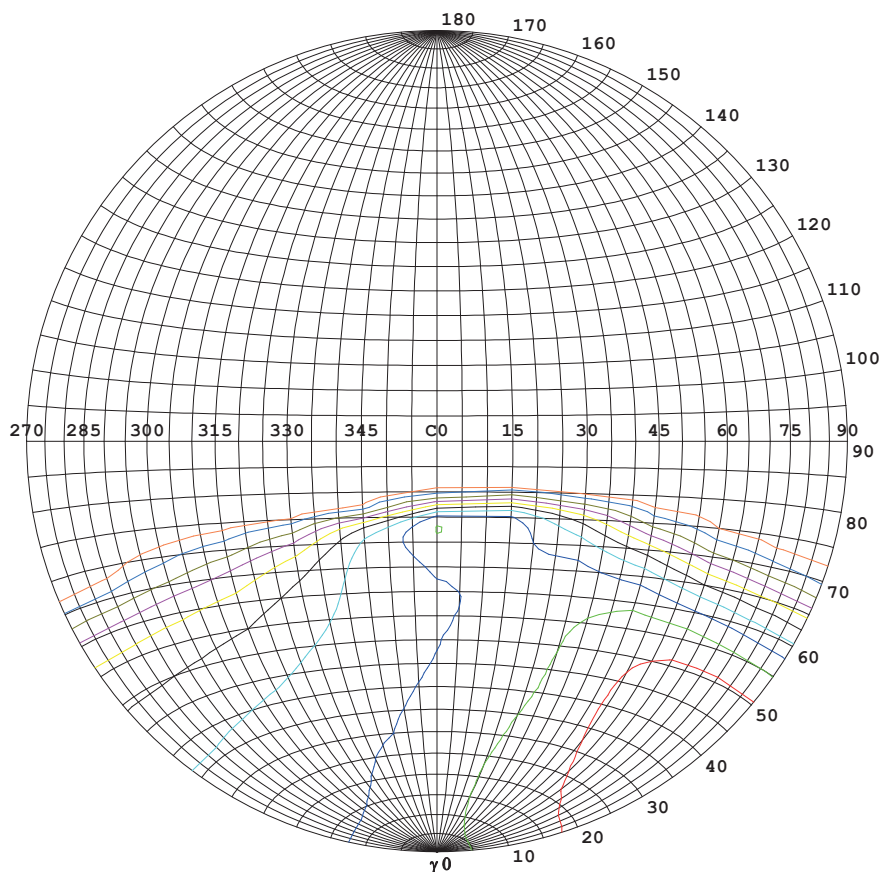
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2021-08-04

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:227.4V I:0.2260A P:49.80W PF:0.9670 Lamp Flux:30738.3x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:1KG
DIM.: 595*340*140MM	SPEC.:50W	SERIAL No.:
MFR.:	SUR.:140*140MM	PROTECTION ANGLE:



#### Classification:

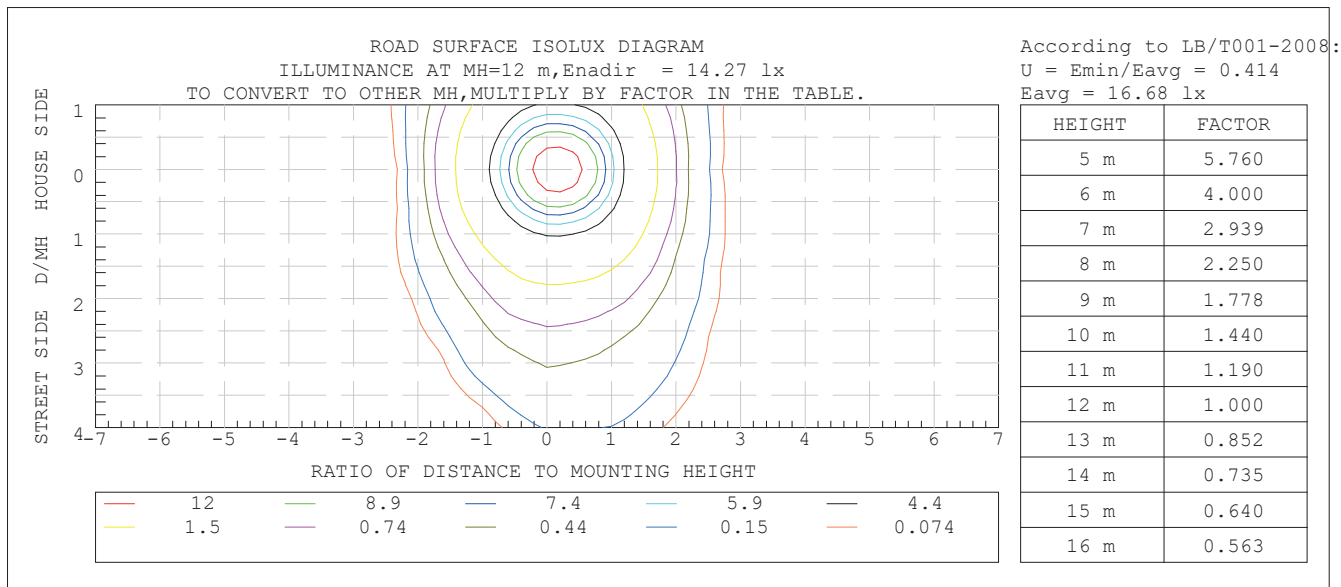
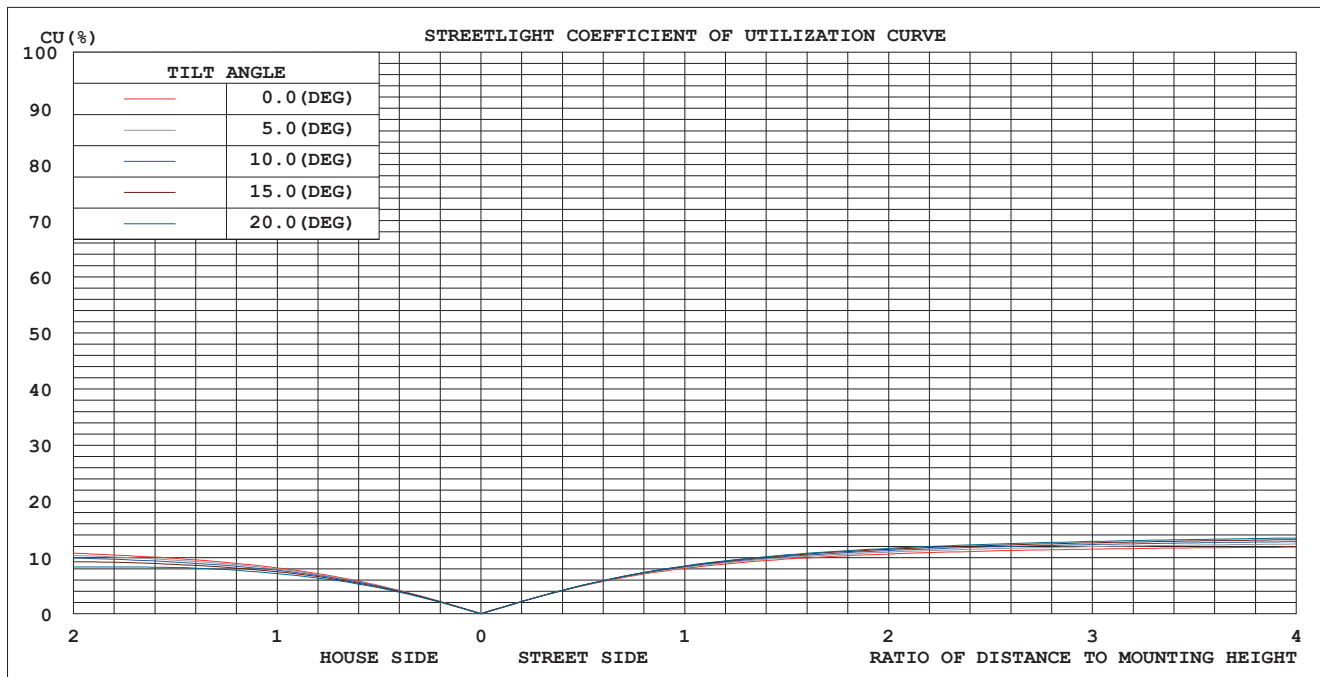
IES:Type IV - Very Short  
CIE:Narrow - Short  
IES:Full cut-off  
CIE:Full cut-off  
Max.At80:14.34cd/klm  
Max.At90:0cd/klm  
Max.80-90:14.34cd/klm  
NRB 5101:Limited[0.3%]

ISOCANDELA DIAGRAM	
UNIT	cd
I <sub>max</sub> =100%	2644
90%	2380
80%	2115
70%	1851
60%	1586
50%	1322
40%	1058
30%	793
20%	529
10%	264
5%	132

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:0.2260A P:49.80W PF:0.9670 Lamp Flux:30738.3x1 lm		
NAME: LED STREET LIGHE	TYPE:LED	WEIGHT:1KG
DIM.: 595*340*140MM	SPEC.:50W	SERIAL No.:
MFR.:	SUR.:140*140MM	PROTECTION ANGLE:

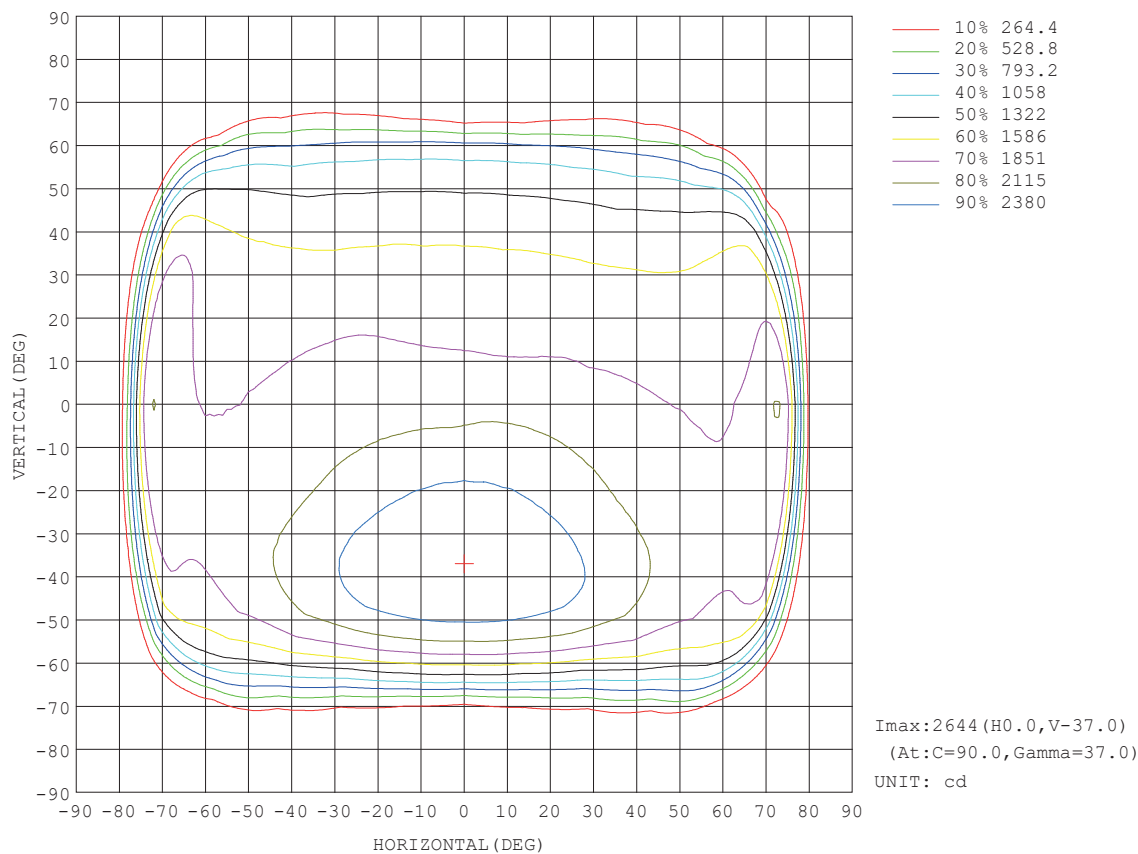
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	2051	2166	2225	2146	2062	1938	1883	1903	0- 10	194.6	194.6	2.46,0.59
20	2011	2271	2423	2260	2026	1852	1762	1815	10- 20	579.7	774.3	9.8,2.36
30	1957	2325	2585	2332	1976	1784	1673	1746	20- 30	948.1	1722	21.8,5.26
40	1893	2340	2637	2368	1911	1669	1539	1625	30- 40	1271	2993	37.9,9.13
50	1845	2307	2404	2319	1862	1502	1288	1444	40- 50	1504	4497	56.9,13.7
60	1833	2055	1633	2025	1846	1241	854.7	1144	50- 60	1565	6062	76.7,18.5
70	2046	1191	225.2	1090	2059	543.4	64.72	394.7	60- 70	1264	7325	92.7,22.4
80	192.1	58.79	44.40	55.72	84.81	4.649	0	0.0340	70- 80	562.1	7887	99.8,24.1
90	0	0	0	0	0	0	0	0	80- 90	13.07	7900	100,24.1
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

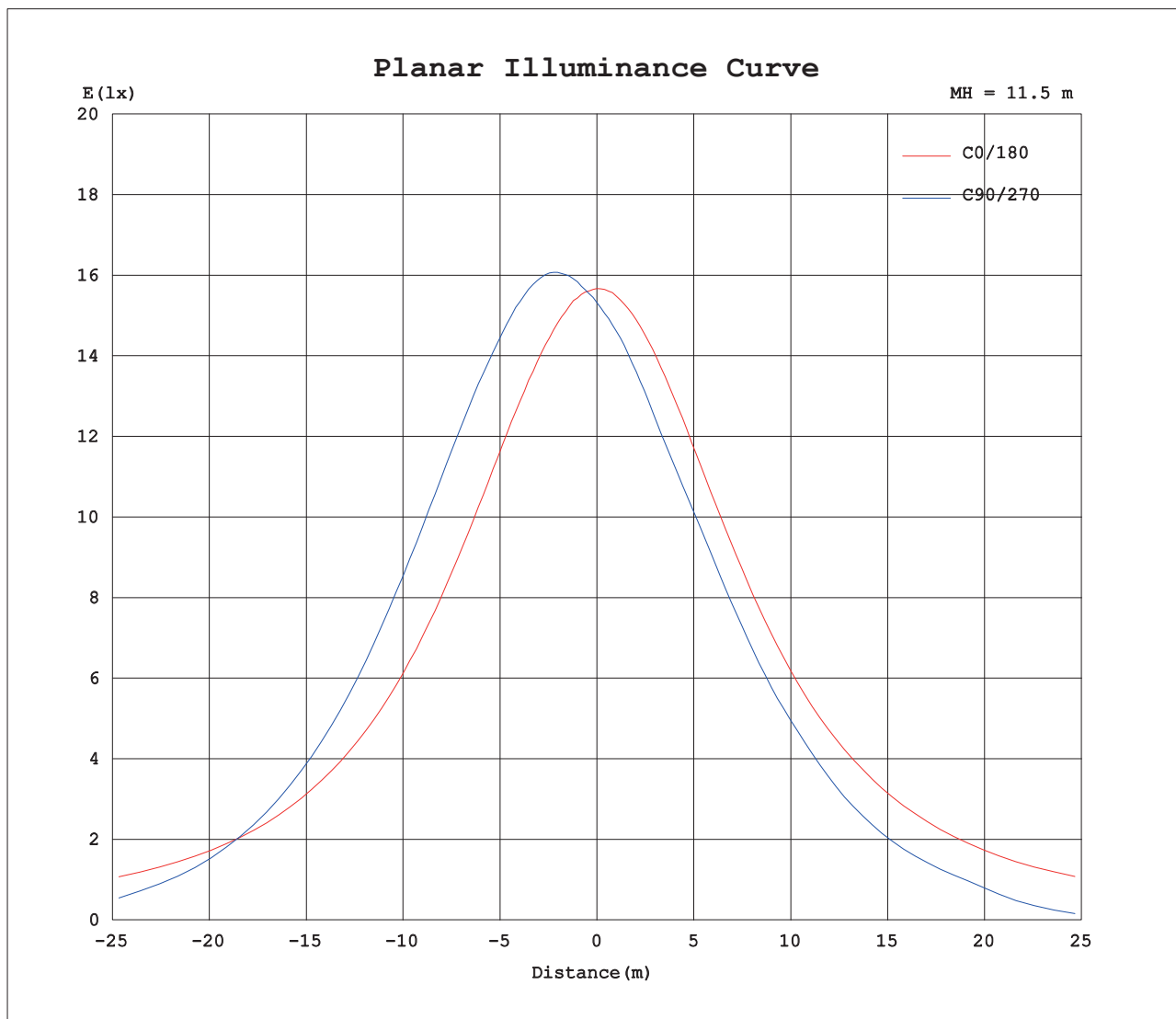
Test:U:227.4V I:0.2260A P:49.80W PF:0.9670 Lamp Flux:30738.3x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:1KG
DIM.: 595*340*140MM	SPEC.:50W	SERIAL No.:
MFR.:	SUR.:140*140MM	PROTECTION ANGLE:



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:

```