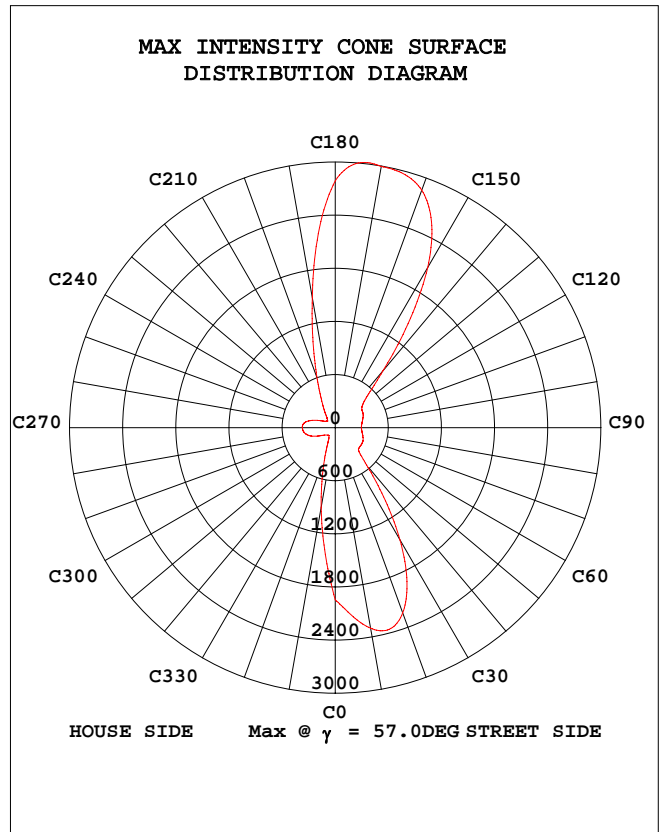
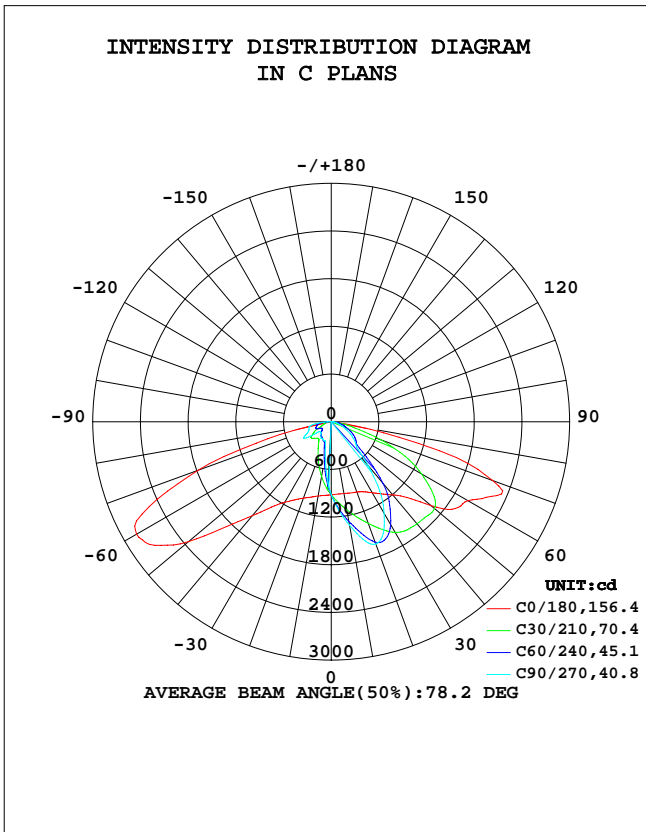


**STREETLIGHT PHOTOMETRIC TEST REPORT**

Test:U:23.32V I:1.100A P:25.66W PF:1.000 Freq:49.99Hz Lamp Flux:3836.47x1 lm		
NAME: YF-EIF-30W	TYPE:LED	WEIGHT:
SPEC.:YF-EIF-30W	DIM.:	SERIAL No.:1
MFR.: ShenZhen Yufai Aurora Optoelectronic Co., Ltd.	SIZE:260*70	Shielding Angle:

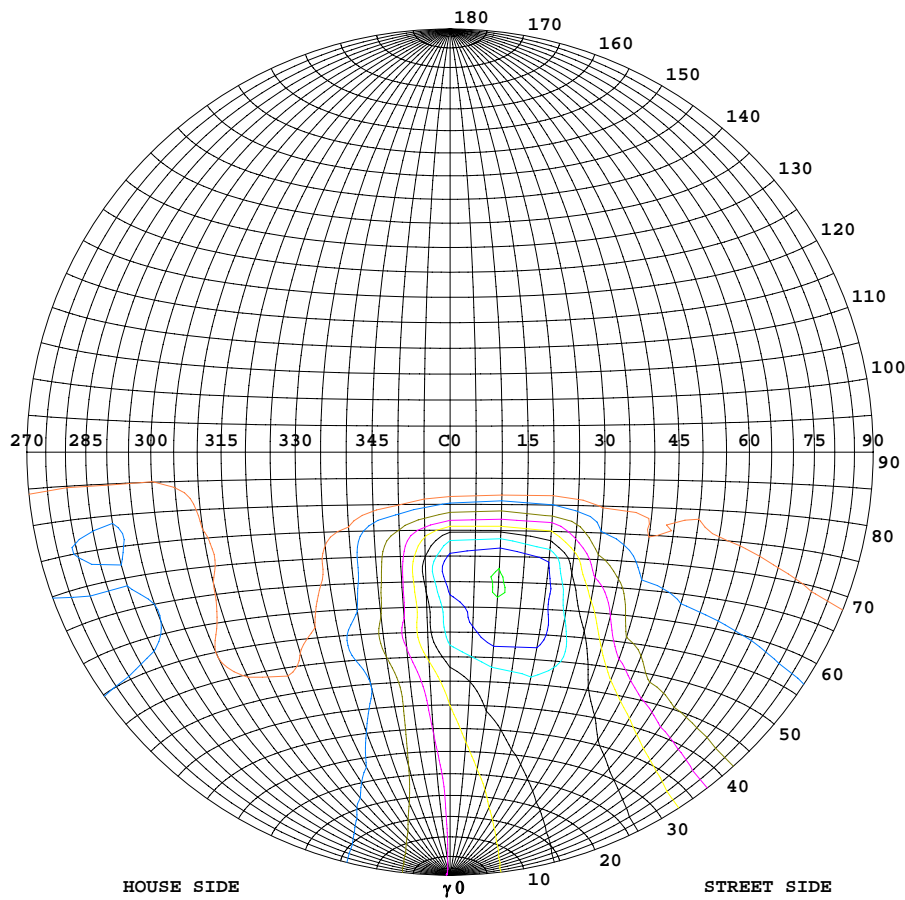
DATA OF LAMP		PHOTOMETRIC DATA Eff: 149.53 lm/W			
MODEL		I <sub>max</sub> (cd)	2996	η street_up(%)	0.0
NOMINAL POWER(W)	30	LOR(%)	100.0	η street_down(%)	71.6
RATED VOLTAGE(V)	30	TOTAL FLUX(lm)	3836	η house_up(%)	0.0
NOMINAL FLUX(lm)	3836.47	MAXIMUM @(C,γ )	170,57.0	η house_down(%)	28.4
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	30	η down(%)	100.0	SLI	19.922



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:XYM  
 Test Date:2018-09-06

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.354  
 Humidity:65.0%  
 Test Distance:10.230m [K=1.0000]  
 Remarks:

STREETLIGHT ISOCANDELA DIAGRAM



Classification:

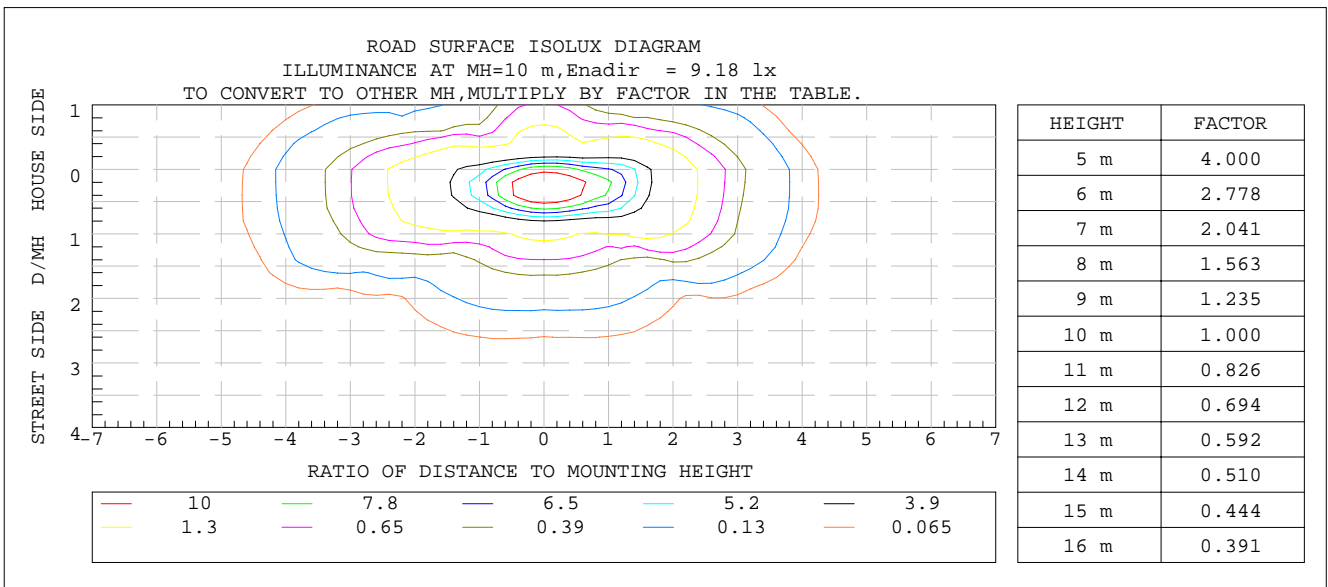
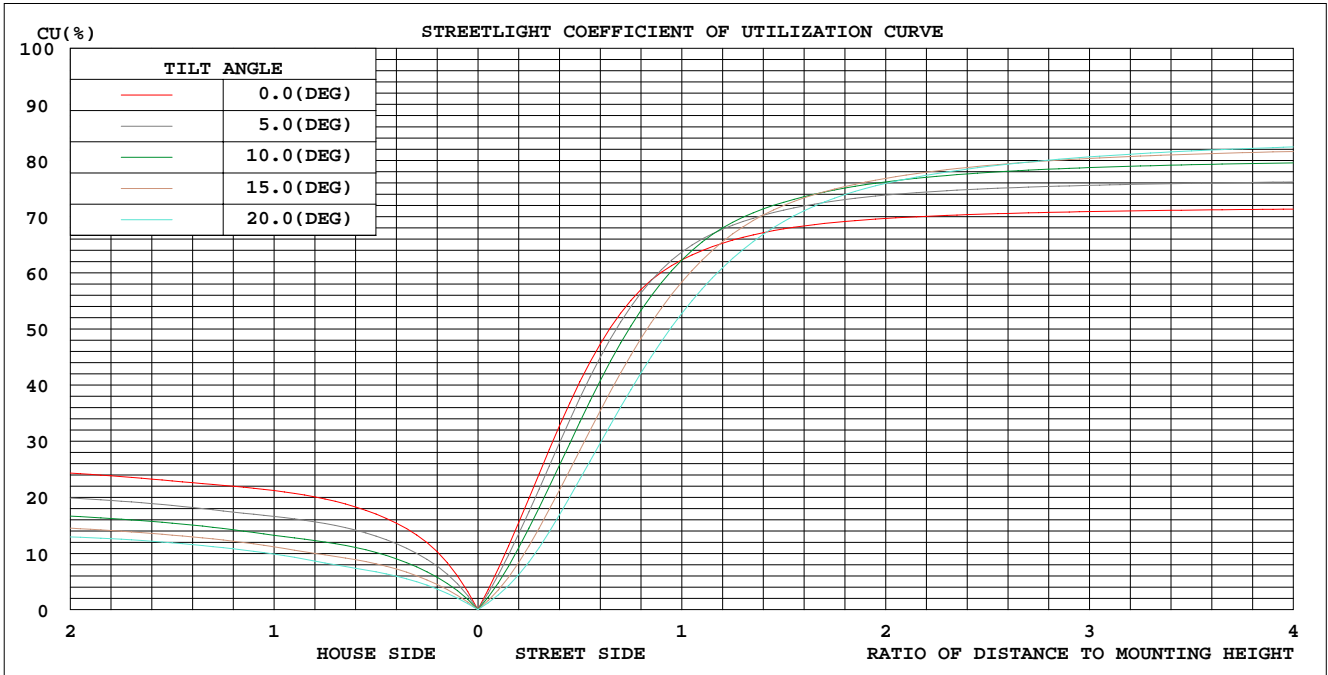
IES:Type II - Short  
 CIE:Narrow - Short  
 IES:Semi cut-off  
 CIE:Non-cut-off  
 Max.At80:105.4cd/klm  
 Max.At90:8.805cd/klm  
 Max.80-90:105.4cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	2996
90%	2696
80%	2397
70%	2097
60%	1798
50%	1498
40%	1198
30%	899
20%	599
10%	300
5%	150

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:XYM  
 Test Date:2018-09-06

gamma Range: 0 - 90DEG  
 gamma Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.354  
 Humidity:65.0%  
 Test Distance:10.230m [K=1.0000]  
 Remarks:

COEFFICIENT OF UTILIZATION CURVE  
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: XYM  
Test Date: 2018-09-06

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.354  
Humidity: 65.0%  
Test Distance: 10.230m [K=1.0000]  
Remarks:

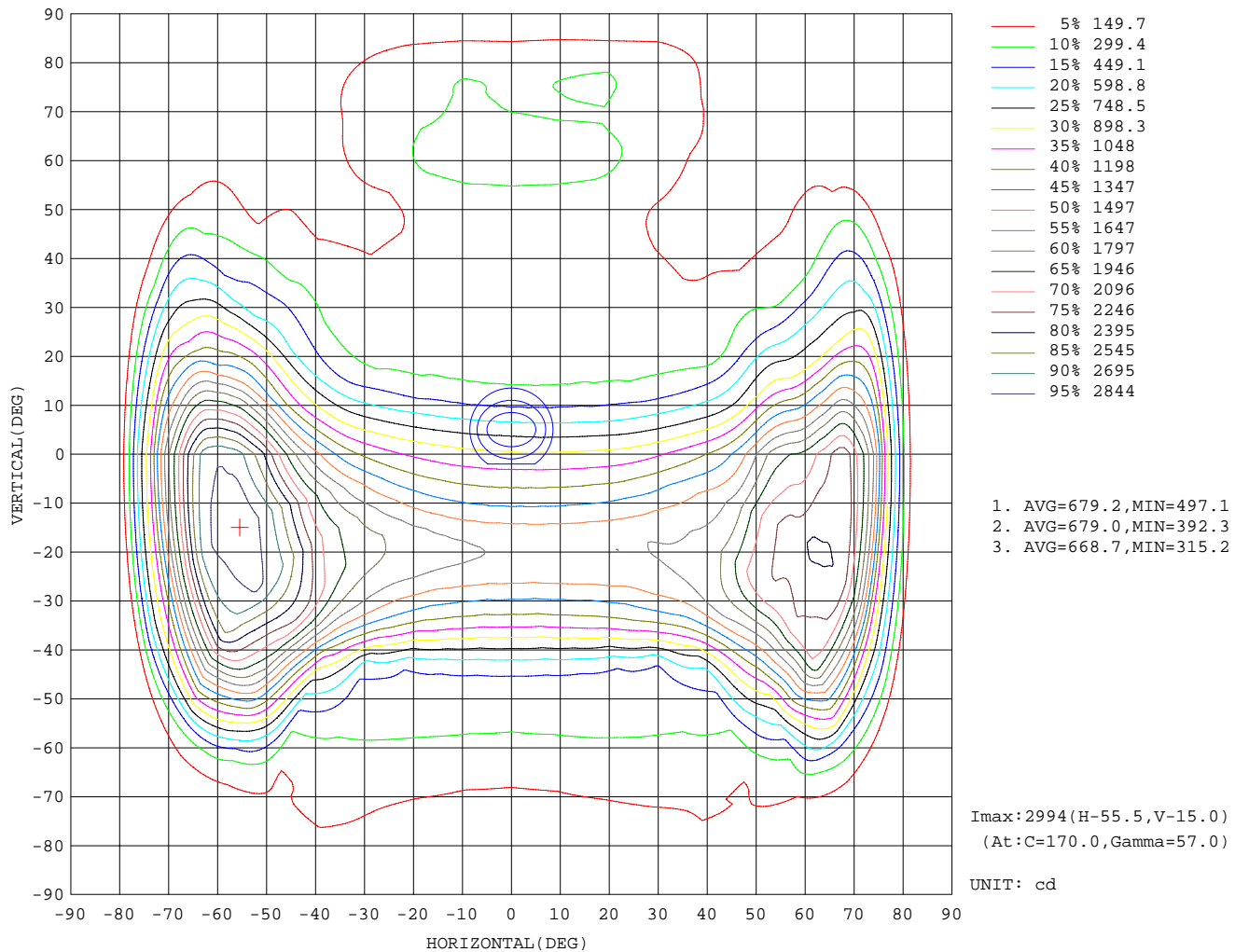
ZONAL FLUX DIAGRAM

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	917.2	1207	1319	1224	949.8	588.9	430.6	561.5	0- 10	86.53	86.53	2.26,2.26
20	942.3	1511	1638	1571	1024	333.5	254.6	304.3	10- 20	260.4	346.9	9.04,9.04
30	1031	1620	1332	1725	1172	236.3	243.4	236.7	20- 30	440.5	787.5	20.5,20.5
40	1201	1387	731.1	1532	1543	204.1	201.8	200.9	30- 40	562.9	1350	35.2,35.2
50	1642	763.1	393.3	965.9	2346	165.7	192.4	143.5	40- 50	626.6	1977	51.5,51.5
60	1989	395.7	248.6	505.2	2829	128.7	400.9	122.3	50- 60	727.8	2705	70.5,70.5
70	2159	214.6	129.6	205.7	1784	113.2	299.0	131.9	60- 70	695.1	3400	88.6,88.6
80	328.3	132.8	53.61	117.9	71.10	102.8	249.6	123.2	70- 80	367.7	3767	98.2,98.2
90	4.574	9.125	2.039	5.901	6.882	9.543	2.804	14.88	80- 90	68.99	3836	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: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:XYM  
 Test Date:2018-09-06

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.354  
 Humidity:65.0%  
 Test Distance:10.230m [K=1.0000]  
 Remarks:

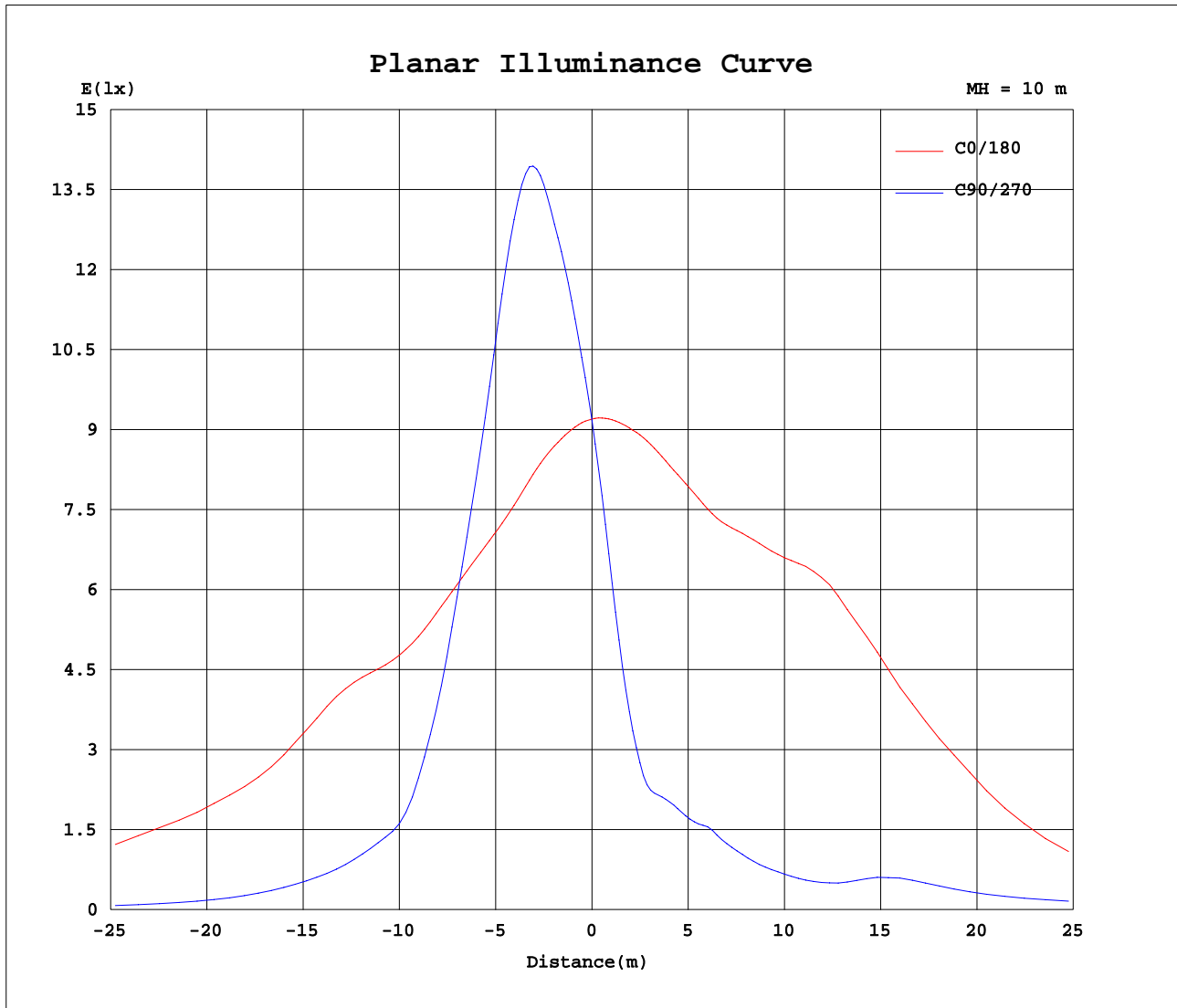
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: XYM  
 Test Date: 2018-09-06

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.354  
 Humidity: 65.0%  
 Test Distance: 10.230m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



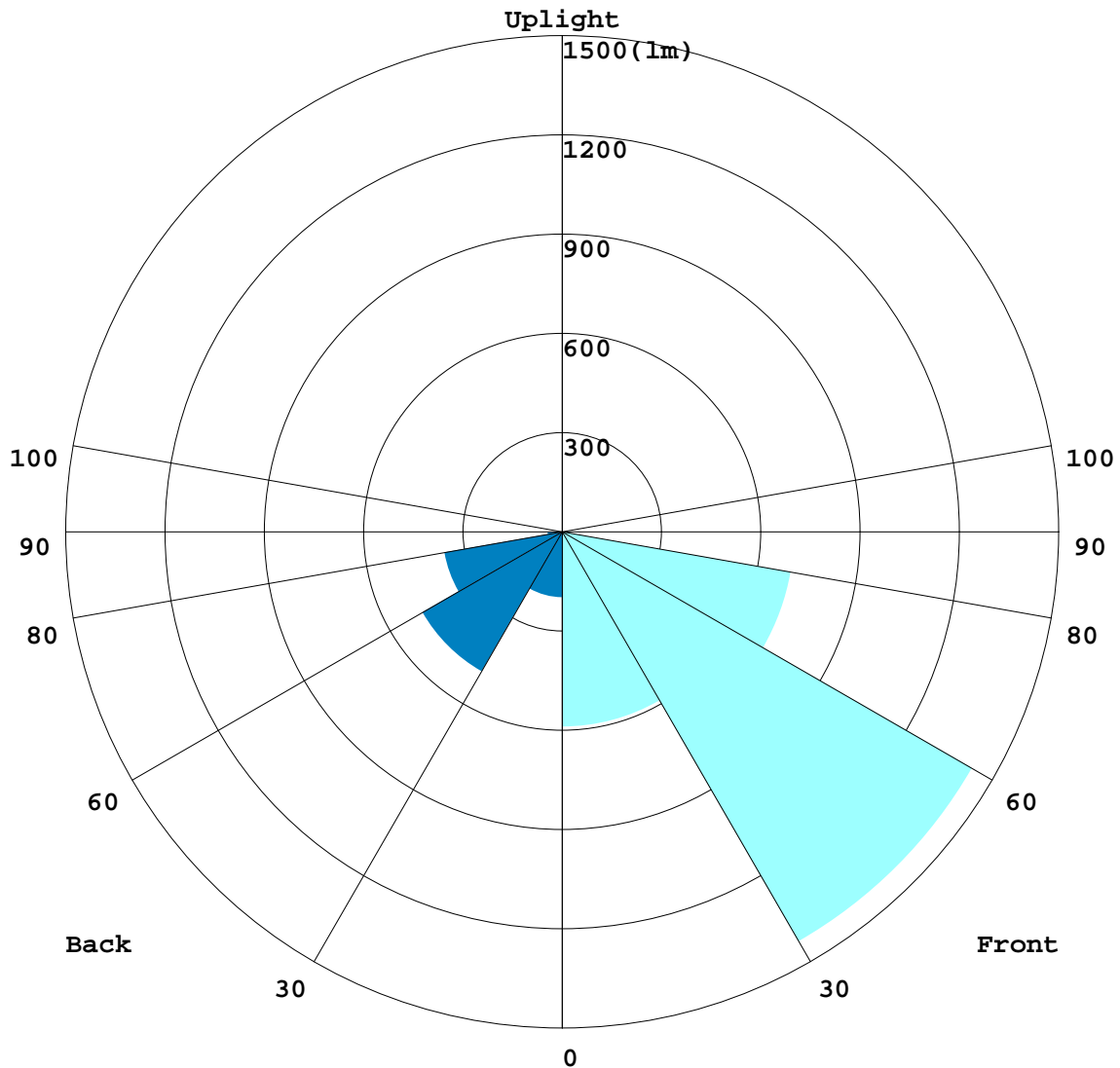
C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: XYM  
 Test Date: 2018-09-06

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.354  
 Humidity: 65.0%  
 Test Distance: 10.230m [K=1.0000]  
 Remarks:

LCS REPORT

Test:U:23.32V I:1.100A P:25.66W PF:1.000 Freq:49.99Hz Lamp Flux:3836.47x1 lm		
NAME: YF-WIT-30W	TYPE:LED	WEIGHT:
SPEC.:YF-WIT-30W	DIM.:	SERIAL No.:1
MFR.: ShenZhen Yufai Aurora Optoelectronic Co., Ltd	SIZE:260*70	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:XYM  
 Test Date:2018-09-06

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.354  
 Humidity:65.0%  
 Test Distance:10.230m [K=1.0000]  
 Remarks:

**BUG REPORT**

Test:U:23.32V I:1.100A P:25.66W PF:1.000 Freq:49.99Hz Lamp Flux:3836.47x1 lm		
NAME: YF-WIT-30W	TYPE:LED	WEIGHT:
SPEC.:YF-WIT-30W	DIM.:	SERIAL No.:1
MFR.: ShenZhen Yufai Aurora Optoelectronic Co., Ltd.	SIZE:260*70	Shielding Angle:

**IESNA Luminaire Flux Distribution Table:**

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	589.1	15.4
FM - Front-Medium(30-60)	1430	37.3
FH - Front-High(60-80)	701.37	18.3
FVH - Front-Very High(80-90)	25.198	0.7
<b>Total Forward Light</b>	<b>2745.7</b>	<b>71.6</b>

BL - Back-Low(0-30)	198.35	5.2
BM - Back-Medium(30-60)	487.22	12.7
BH - Back-High(60-80)	361.42	9.4
BVH - Back-Very High(80-90)	43.793	1.1
<b>Total Back Light</b>	<b>1090.8</b>	<b>28.4</b>

UL - Uplight-Low(90-100)	0	0.0
UH - Uplight-High(100-180)	0	0.0
<b>Total Up Light</b>	<b>0</b>	<b>0.0</b>

BUG(Back,Up,Glare) Rating	B1-U0-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	1090.8	0	1090.8
Street Side	2745.7	0	2745.7

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:XYM  
 Test Date:2018-09-06

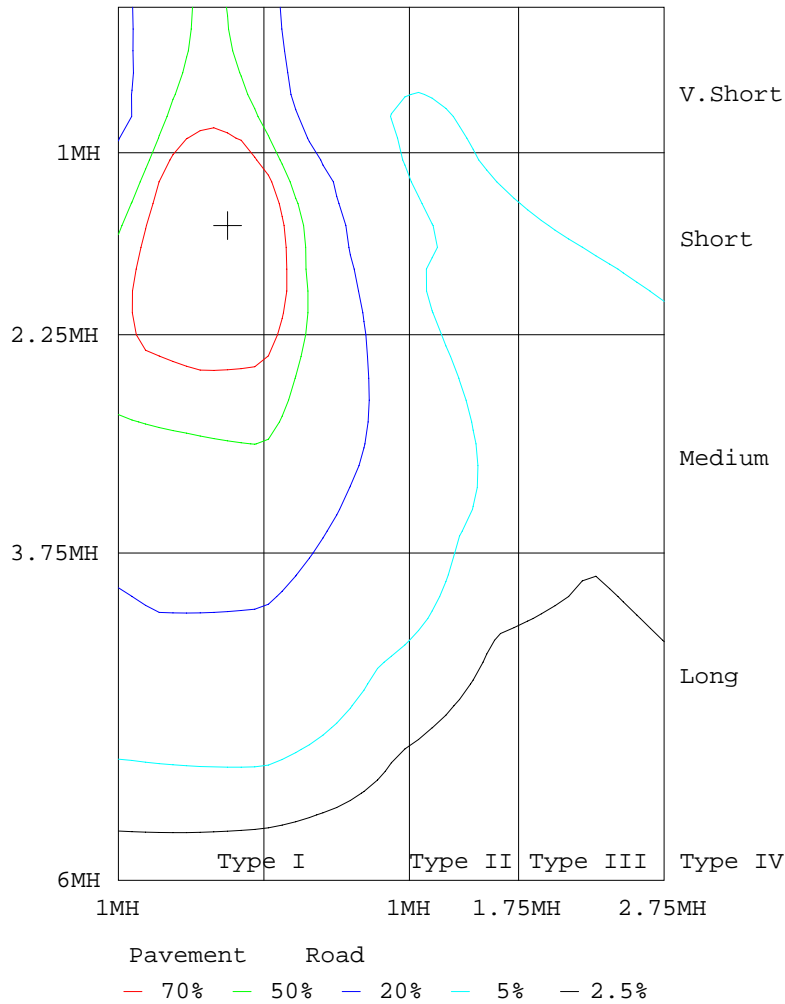
γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.354  
 Humidity:65.0%  
 Test Distance:10.230m [K=1.0000]  
 Remarks:



ROAD ISOCANDELA REPORT

Test:U:23.32V I:1.100A P:25.66W PF:1.000 Freq:49.99Hz Lamp Flux:3836.47x1 lm		
NAME: YF-WIT-30W	TYPE:LED	WEIGHT:
SPEC.:YF-WIT-30W	DIM.:	SERIAL No.:1
MFR.: ShenZhen Yufai Aurora Optoelectronic Co.,Ltd	SIZE:260*70	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:XYM  
 Test Date:2018-09-06

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.354  
 Humidity:65.0%  
 Test Distance:10.230m [K=1.0000]  
 Remarks:



LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2

UNIT: cd

Table with columns for C (DEG) and gamma (DEG) and rows for intensity values from 0 to 90 degrees.

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:XYM
Test Date:2018-09-06

gamma Range: 0 - 90DEG
gamma Interval: 1.0DEG
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:10.230m [K=1.0000]
Remarks: