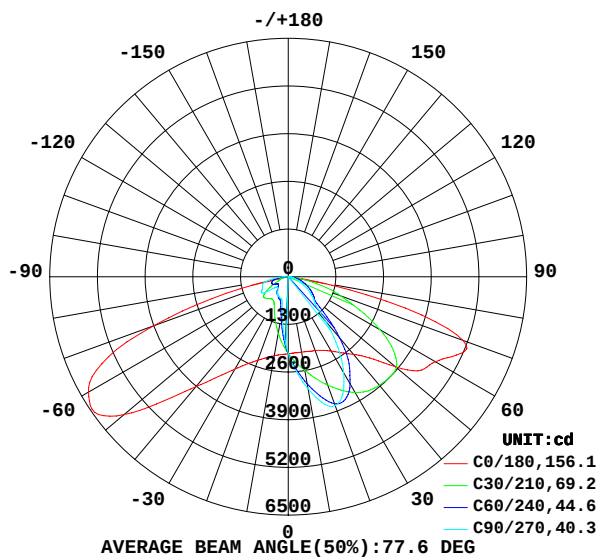
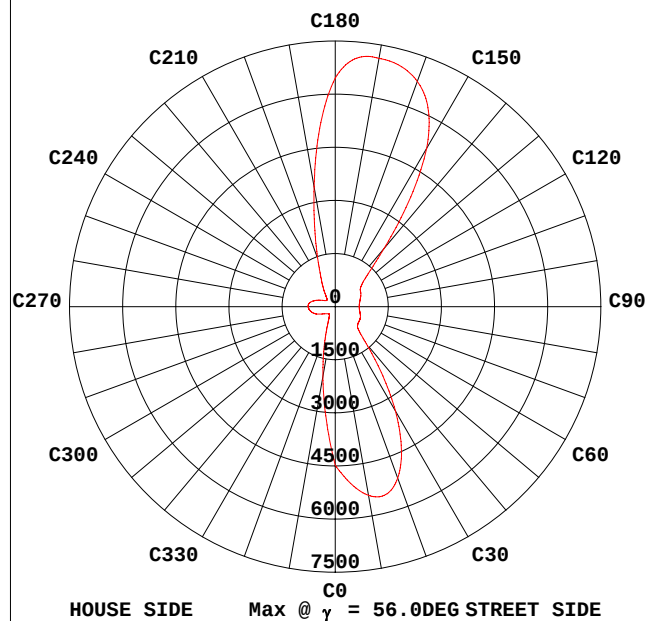


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:23.41V I:2.450A P:57.34W PF:1.000 Freq:49.99Hz Lamp Flux:8934.33x1 lm		
NAME: YF-EIF-80W	TYPE: LED	WEIGHT:
SPEC.: YF-EIF-80W	DIM.:	SERIAL No.:1
MFR.: ShenZhen Yufai Aurora Opto Co.,Ltd	SUR.:260*70	Shielding Angle:

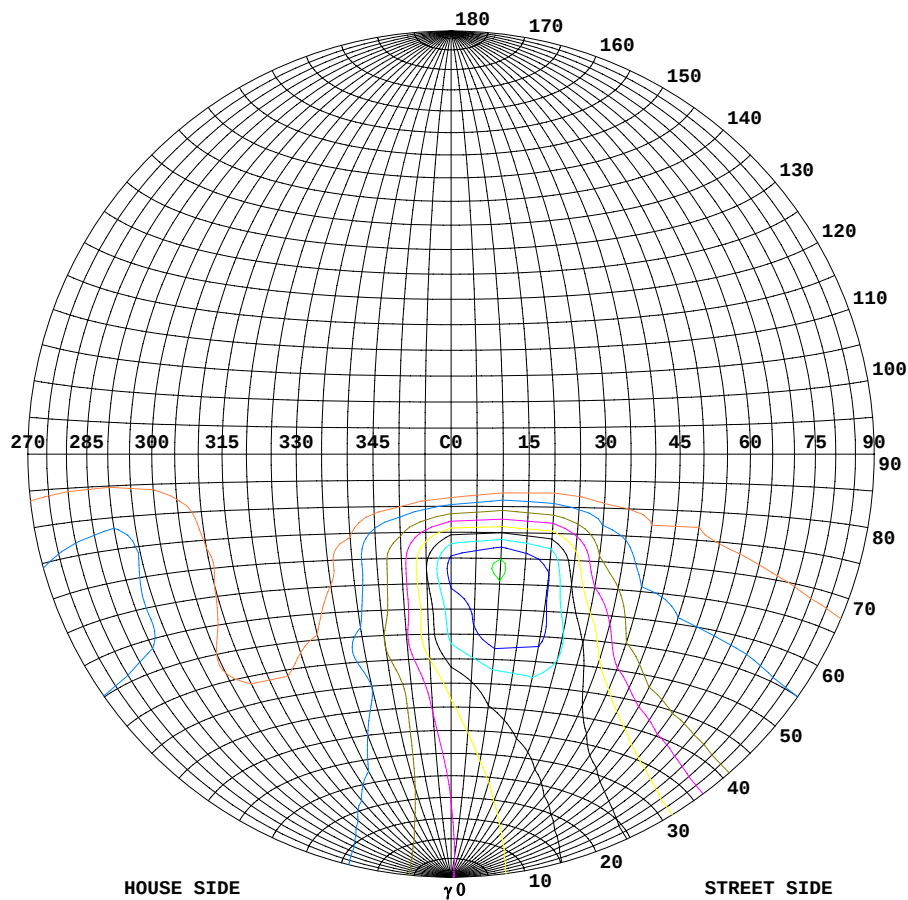
DATA OF LAMP		PHOTOMETRIC DATA Eff: 155.80 lm/W			
MODEL		I _{max} (cd)	7117	η street_up(%)	0.0
NOMINAL POWER(W)	80W	LOR(%)	100.0	η street_down(%)	71.6
RATED VOLTAGE(V)	30	TOTAL FLUX(lm)	8934	η house_up(%)	0.0
NOMINAL FLUX(lm)	8934.33	MAXIMUM @(C,γ)	170,56.0	η house_down(%)	28.4
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	30	η down(%)	100.0	SLI	20.925

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION 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 G0-2000B_V1 SYSTEM V2.0.354
Humidity: 65.0%
Test Distance: 10.230m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM



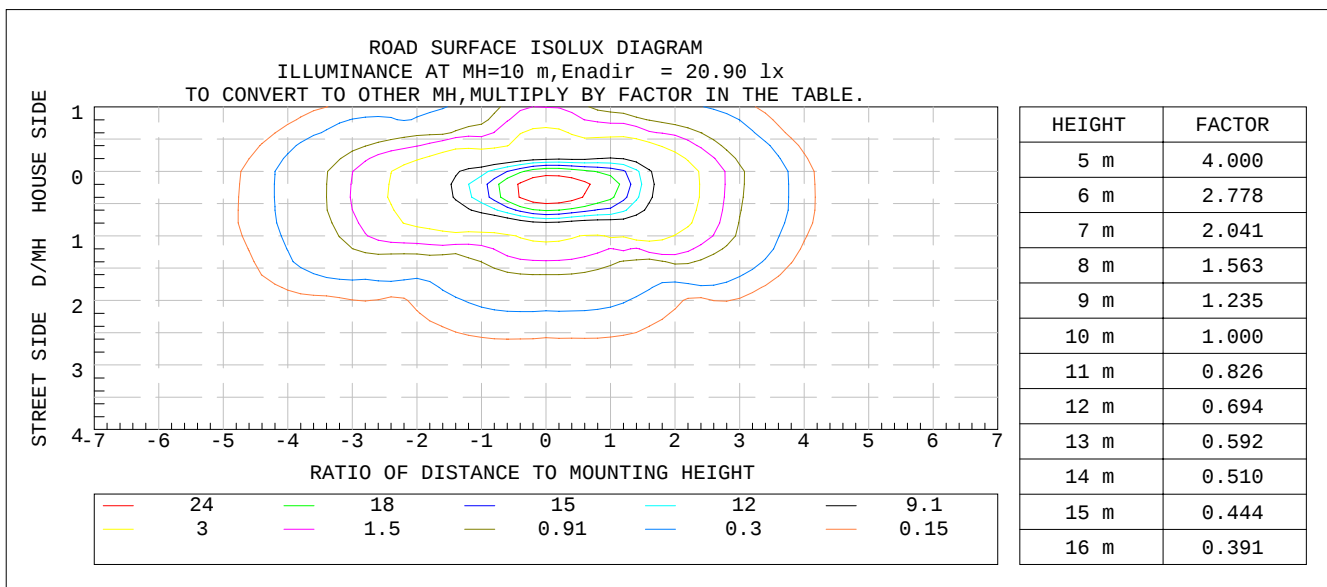
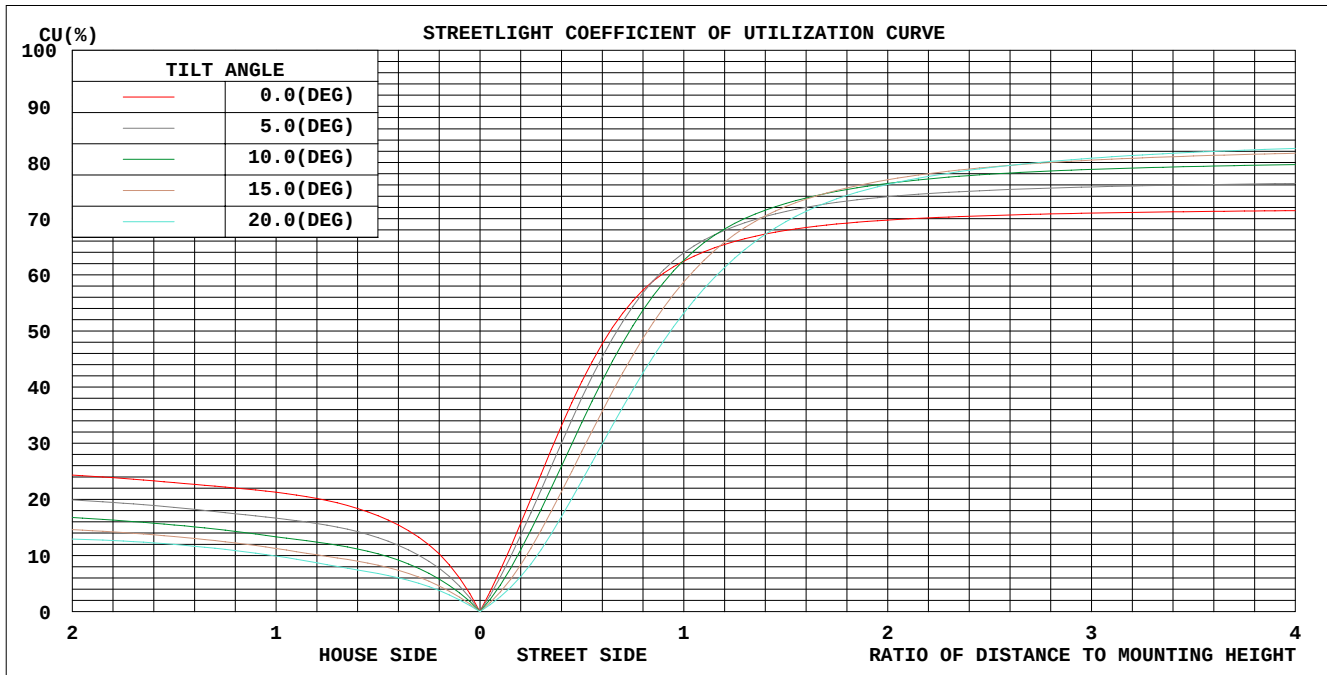
Classification:

IES:Type II - Short
CIE:Narrow - Short
IES:Semi cut-off
CIE:Non-cut-off
Max.At80:125.7cd/klm
Max.At90:6.754cd/klm
Max.80-90:125.7cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	7117
90%	6406
80%	5694
70%	4982
60%	4270
50%	3559
40%	2847
30%	2135
20%	1423
10%	712
5%	356

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 G0-2000B_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 G0-2000B_V1 SYSTEM V2.0.354
Humidity: 65.0%
Test Distance: 10.230m [K=1.0000]
Remarks:

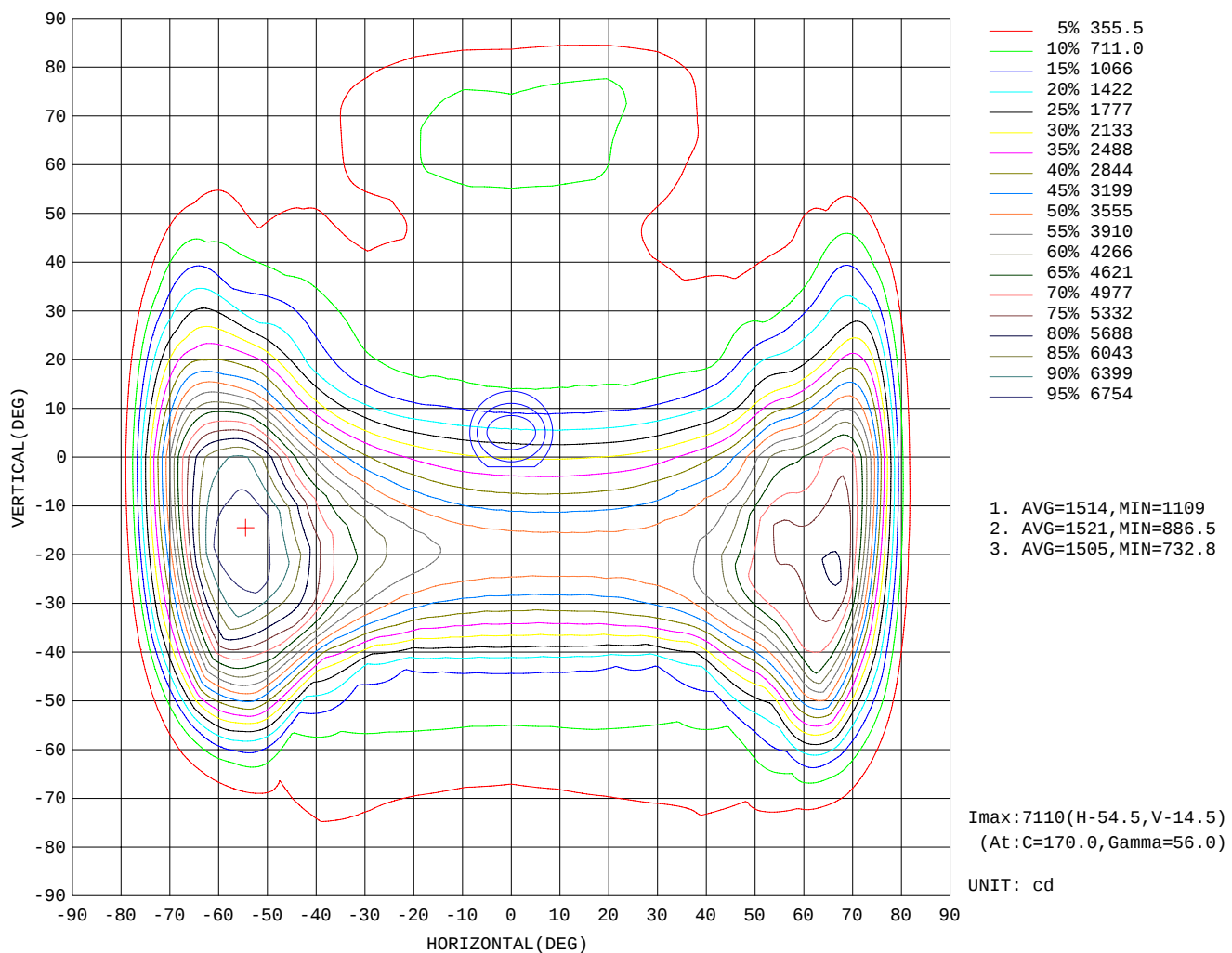
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	2087	2794	3094	2872	2188	1312	967.2	1244	0- 10	197.8	197.8	2.21, 2.21
20	2144	3475	3739	3692	2425	789.5	626.6	719.6	10- 20	603.6	801.5	8.97, 8.97
30	2342	3682	3027	4025	2907	597.7	569.1	585.6	20- 30	1023	1824	20.4, 20.4
40	2764	3102	1600	3607	3910	556.8	444.5	484.3	30- 40	1317	3141	35.2, 35.2
50	3820	1663	884.0	2290	5846	428.4	451.1	340.3	40- 50	1486	4628	51.8, 51.8
60	4638	905.0	542.5	1185	6288	346.9	846.9	287.9	50- 60	1703	6330	70.9, 70.9
70	5066	482.8	288.9	475.5	3886	274.3	748.9	306.2	60- 70	1590	7920	88.6, 88.6
80	814.2	297.0	115.7	248.7	159.6	231.9	520.7	261.4	70- 80	855.4	8775	98.2, 98.2
90	37.54	22.73	13.24	16.63	35.76	26.60	33.08	34.38	80- 90	158.8	8934	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

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.354
 Humidity: 65.0%
 Test Distance: 10.230m [K=1.0000]
 Remarks:

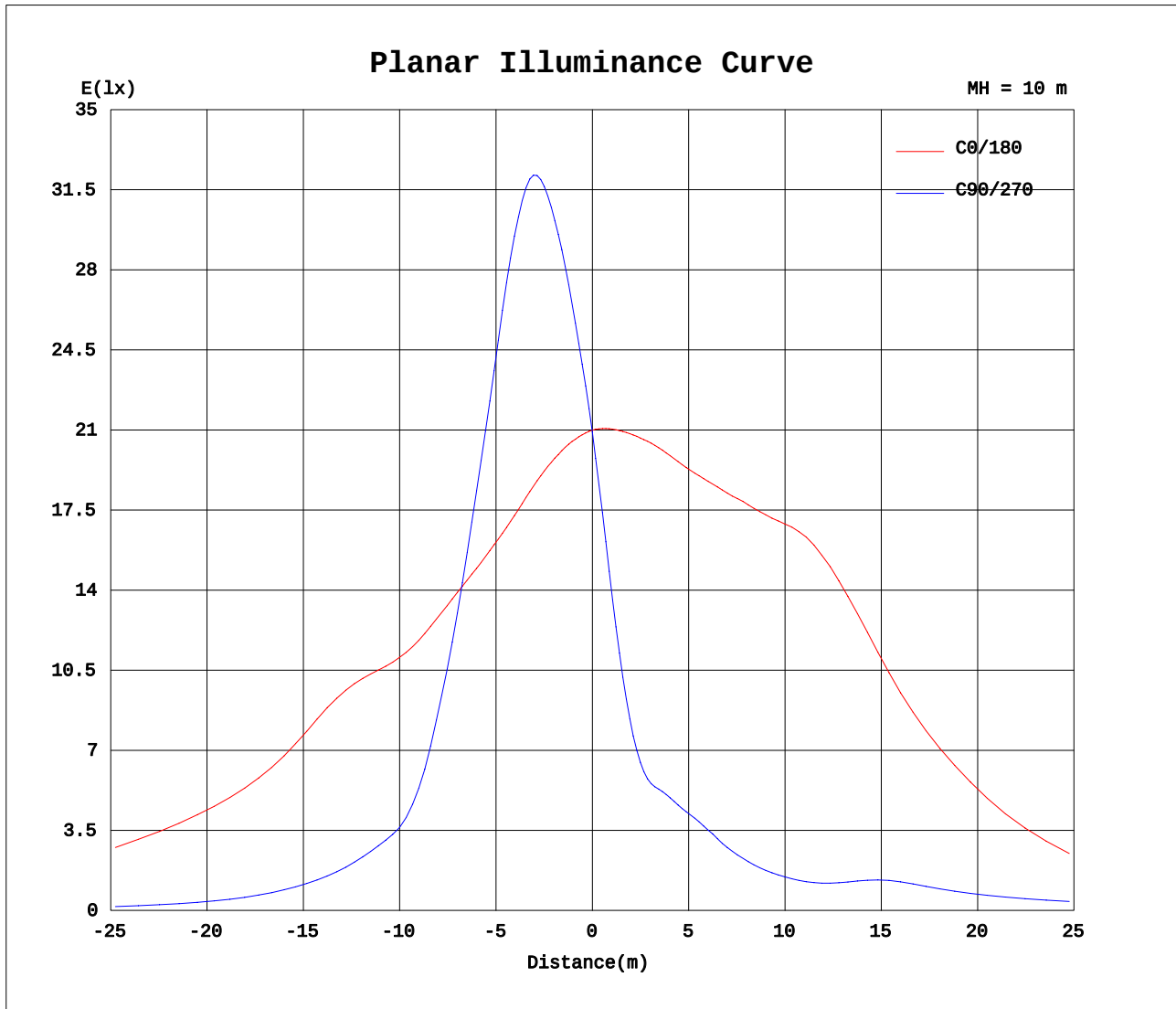
ISOCANDELA DIAGRAM



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

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.354
Humidity: 65.0%
Test Distance: 10.230m [K=1.0000]
Remarks:

Planar Illuminance Curve



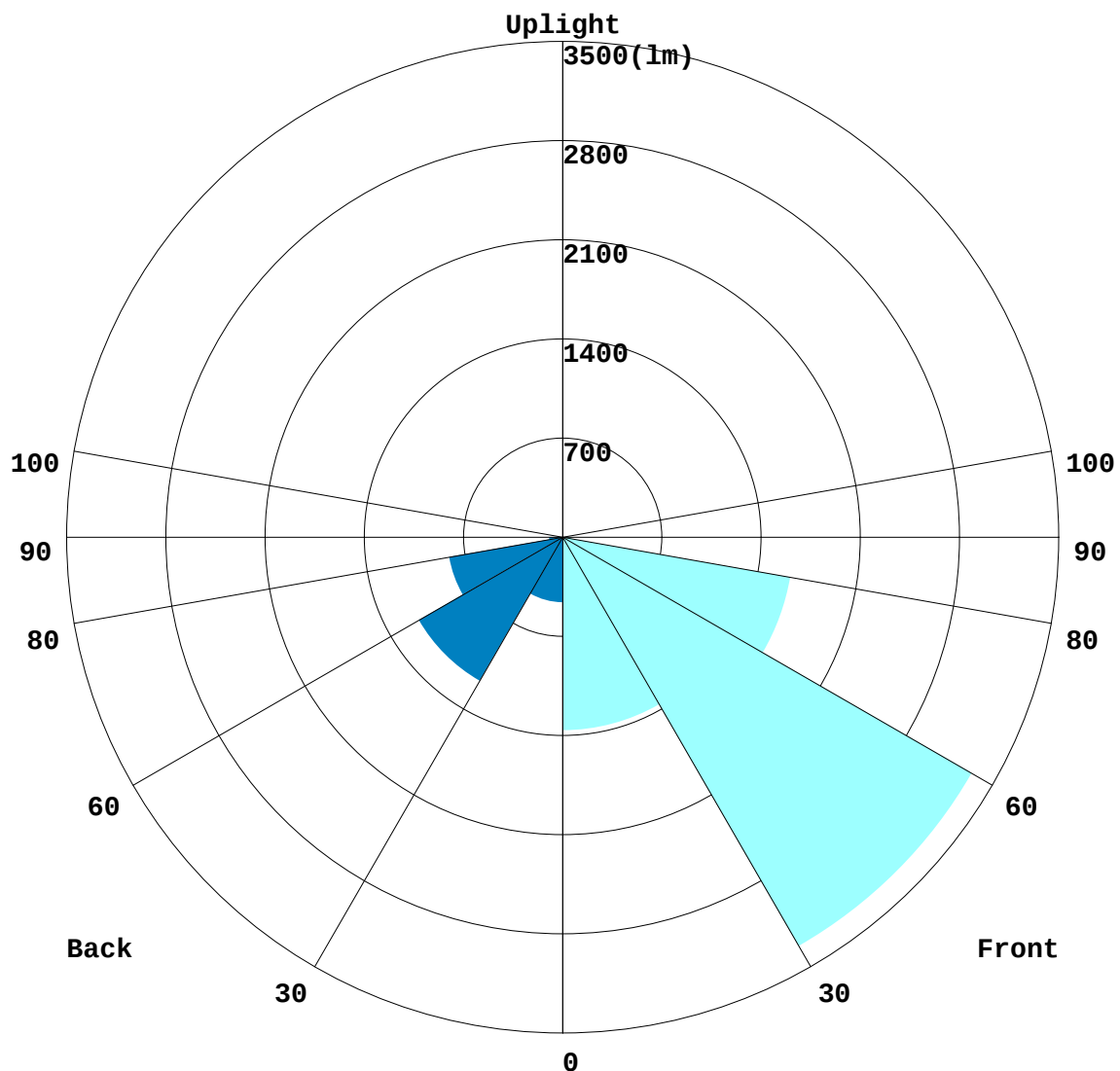
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: XYM
Test Date: 2018-09-06

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.354
Humidity: 65.0%
Test Distance: 10.230m [K=1.0000]
Remarks:

LCS REPORT

Test:U:23.41V I:2.450A P:57.34W PF:1.000 Freq:49.99Hz Lamp Flux:8934.33x1 lm		
NAME: YF-EIF-80W	TYPE: LED	WEIGHT:
SPEC.: YF-EIF-80W	DIM.:	SERIAL No.:1
MFR.: ShenZhen Yufai Aurora Opto Co.,Ltd	SUR.: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

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:10.230m [K=1.0000]
Remarks:

BUG REPORT

Test:U:23.41V I:2.450A P:57.34W PF:1.000 Freq:49.99Hz Lamp Flux:8934.33x1 lm		
NAME: YF-EIF-80W	TYPE:LED	WEIGHT:
SPEC.:YF-EIF-80W	DIM.:	SERIAL No.:1
MFR.: ShenZhen Yufai Aurora Opto Co.,Ltd	SUR.:260*70	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1363.5	15.3
FM - Front-Medium(30-60)	3334.5	37.3
FH - Front-High(60-80)	1632.4	18.3
FVH - Front-Very High(80-90)	63.564	0.7
Total Forward Light	6393.9	71.6

BL - Back-Low(0-30)	460.58	5.2
BM - Back-Medium(30-60)	1171.8	13.1
BH - Back-High(60-80)	812.79	9.1
BVH - Back-Very High(80-90)	95.283	1.1
Total Back Light	2540.4	28.4

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

BUG(Back,Up,Glare) Rating	B2-U0-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	2540.4	0	2540.4
Street Side	6393.9	0	6393.9

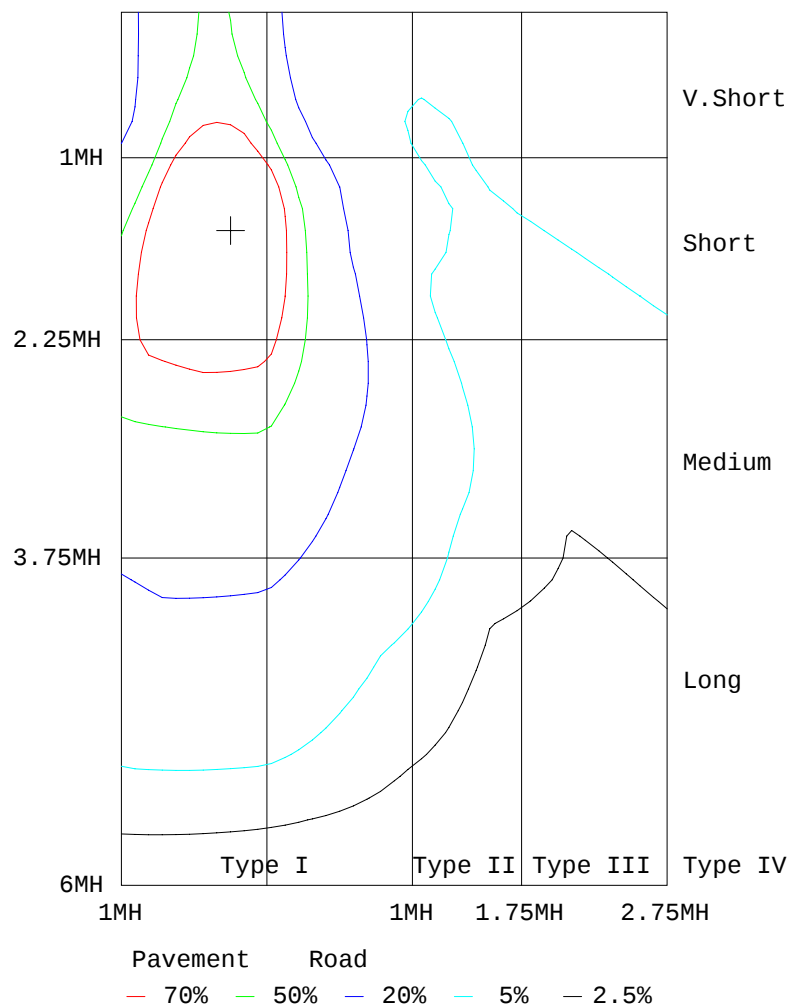
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:XYM
Test Date:2018-09-06

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:10.230m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:23.41V I:2.450A P:57.34W PF:1.000 Freq:49.99Hz Lamp Flux:8934.33x1 lm		
NAME: YF-EIF-80W	TYPE:LED	WEIGHT:
SPEC.:YF-EIF-80W	DIM.:	SERIAL No.:1
MFR.: ShenZhen Yufai Aurora Opto Co.,Ltd	SUR.: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

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:10.230m [K=1.0000]
Remarks:

```

Range: 0 - 90DEG
Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:10.230m [K=1.0000]
Remarks:

```

```

Range: 0 - 90DEG
Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.354
Humidity:65.0%
Test Distance:10.230m [K=1.0000]
Remarks:

```