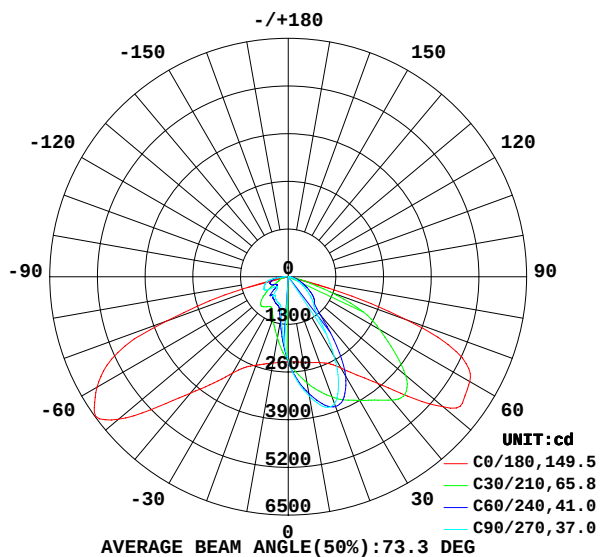
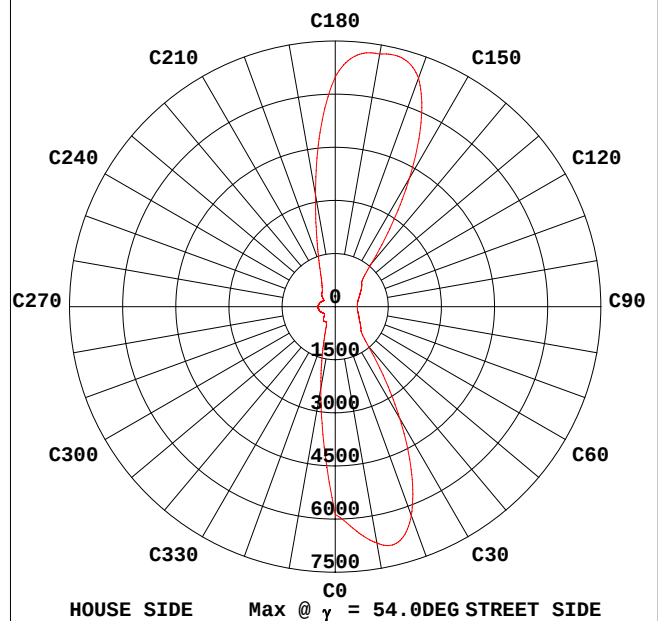


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:46.14V I:1.300A P:57.00W PF:1.000 Freq:49.99Hz Lamp Flux:8650.33x1 lm		
NAME: YF-60W	TYPE: LED	WEIGHT:
SPEC.: YF-60W	DIM.:	SERIAL No.: 1
MFR.: ShenZhen Yufai Aurora Optoelectronic Co., Ltd.	SIZE: 260*140	Shielding Angle:

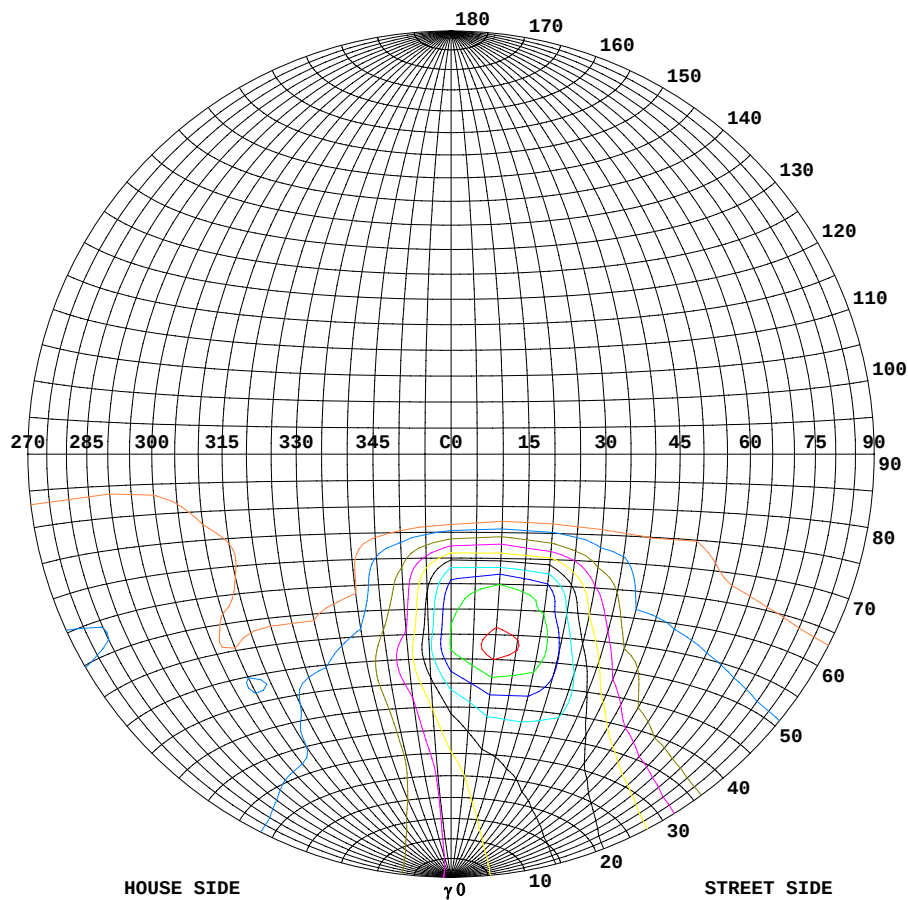
DATA OF LAMP		PHOTOMETRIC DATA Eff: 151.76 lm/W			
MODEL		I _{max} (cd)	7242	η street_up(%)	0.0
NOMINAL POWER(W)	60	LOR(%)	100.0	η street_down(%)	69.5
RATED VOLTAGE(V)	46	TOTAL FLUX(lm)	8650	η house_up(%)	0.0
NOMINAL FLUX(lm)	8650.33	MAXIMUM @(C, γ)	170, 54.0	η house_down(%)	30.5
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	46	η down(%)	100.0	SLI	18.048

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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

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

STREETLIGHT ISOCANDELA DIAGRAM



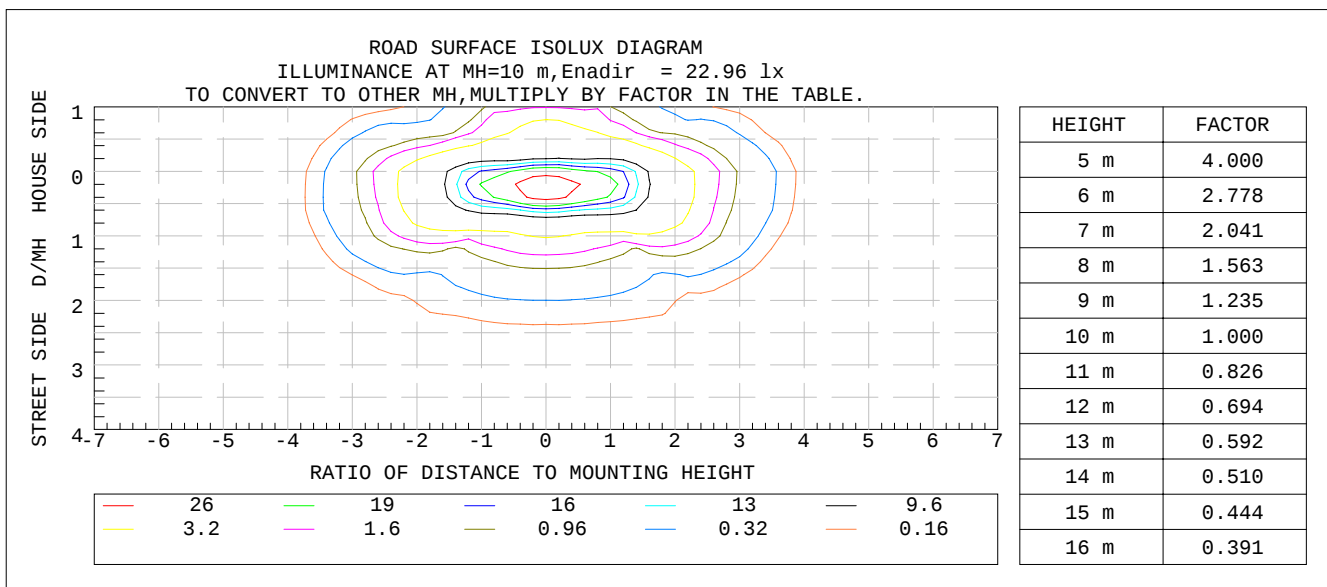
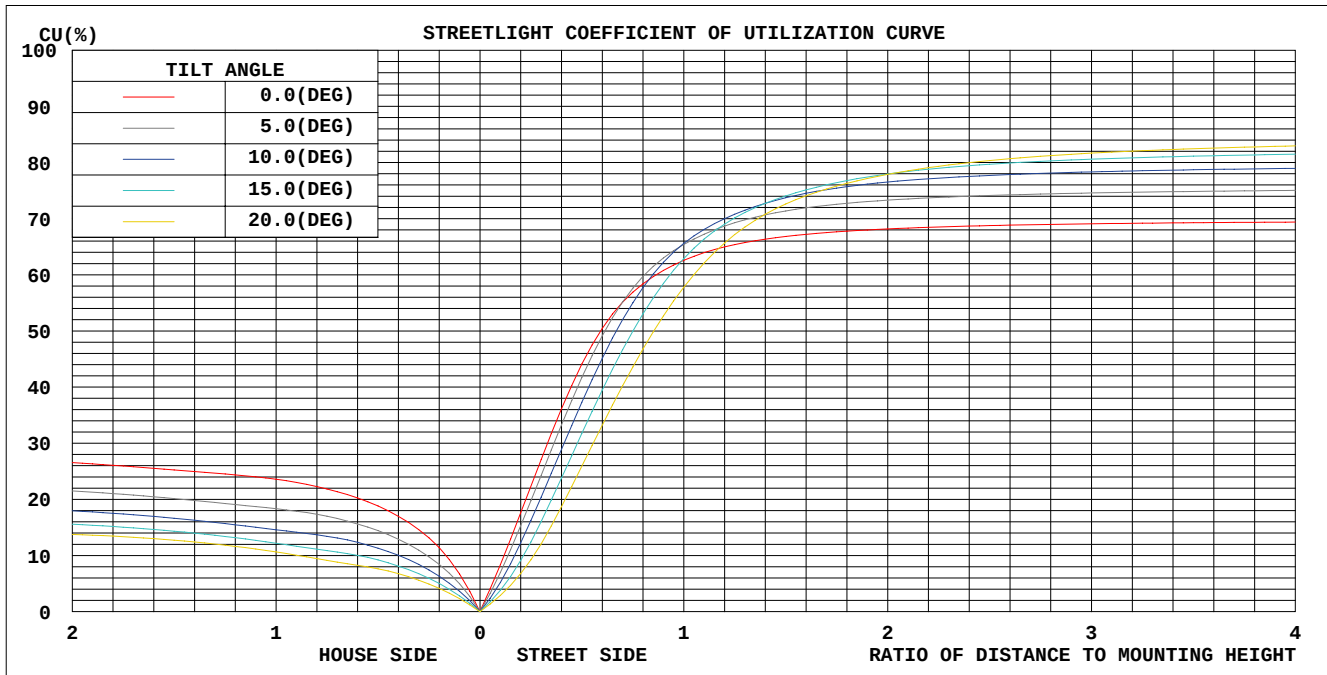
Classification:

IES:Type I - Short
CIE:Narrow - Short
IES:Cut-off
CIE:Semi-cut-off
Max.At80:68.85cd/klm
Max.At90:7.843cd/klm
Max.80-90:68.85cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	7242
90%	6518
80%	5794
70%	5070
60%	4345
50%	3621
40%	2897
30%	2173
20%	1448
10%	724
5%	362

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:

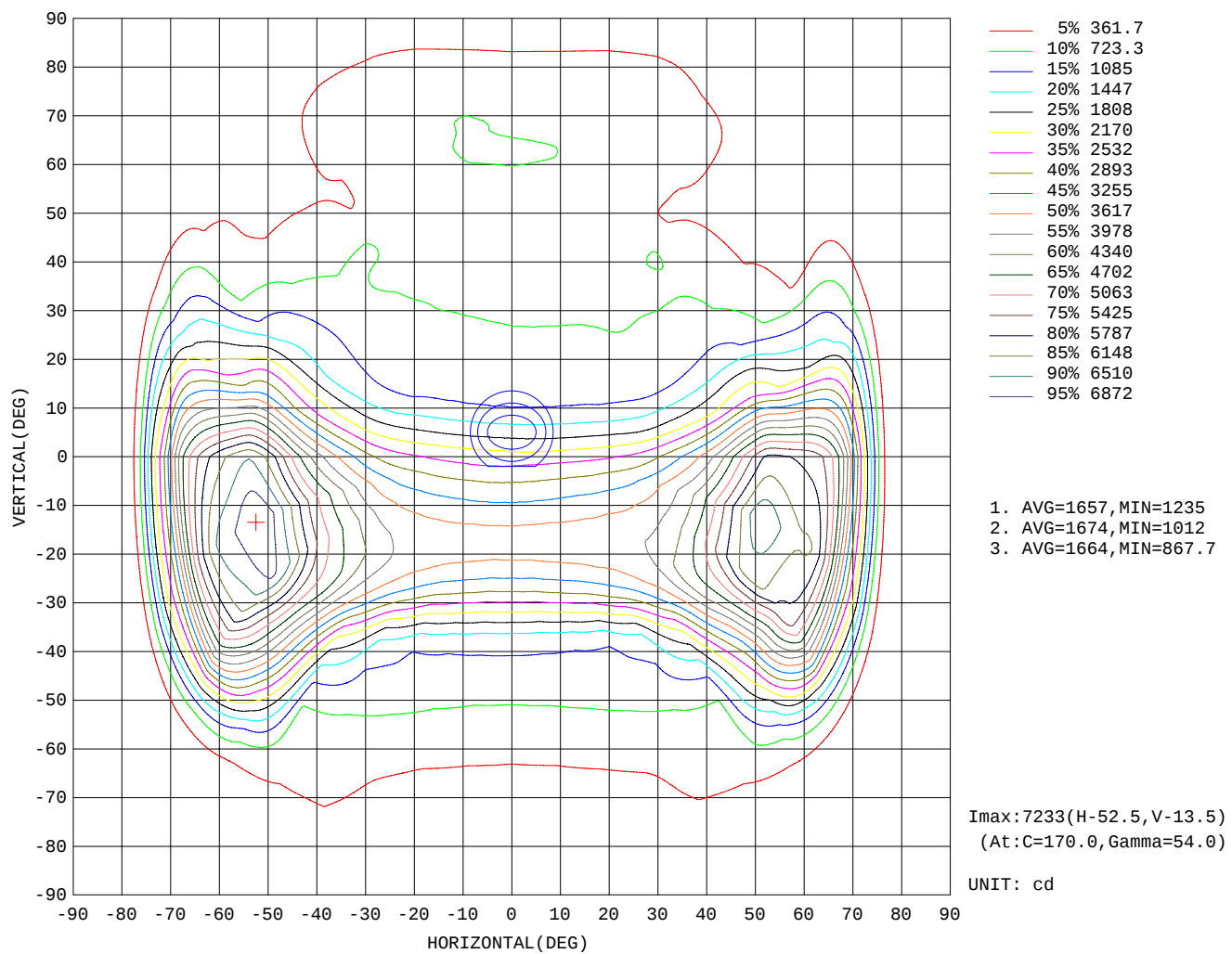
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	%lum, lamp
10	2370	3101	3299	3078	2390	1439	1093	1388	0- 10	217.4	217.4	2.51, 2.51
20	2492	3692	3686	3682	2569	934.5	764.1	871.7	10- 20	651.5	868.9	10, 10
30	2874	3683	2502	3748	3030	815.3	692.4	755.4	20- 30	1056	1924	22.2, 22.2
40	3794	2739	1118	2920	4144	810.7	621.0	702.9	30- 40	1321	3245	37.5, 37.5
50	5516	1512	759.4	1606	6043	753.9	415.7	664.3	40- 50	1578	4823	55.8, 55.8
60	5715	768.5	448.6	826.6	6017	375.7	731.5	332.9	50- 60	1726	6549	75.7, 75.7
70	3425	443.3	215.2	439.0	3536	363.4	686.7	372.2	60- 70	1433	7982	92.3, 92.3
80	126.4	200.6	57.04	205.7	109.8	299.6	521.4	277.2	70- 80	549.0	8531	98.6, 98.6
90	15.05	3.043	4.291	5.176	21.65	62.66	45.91	35.49	80- 90	119.0	8650	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:

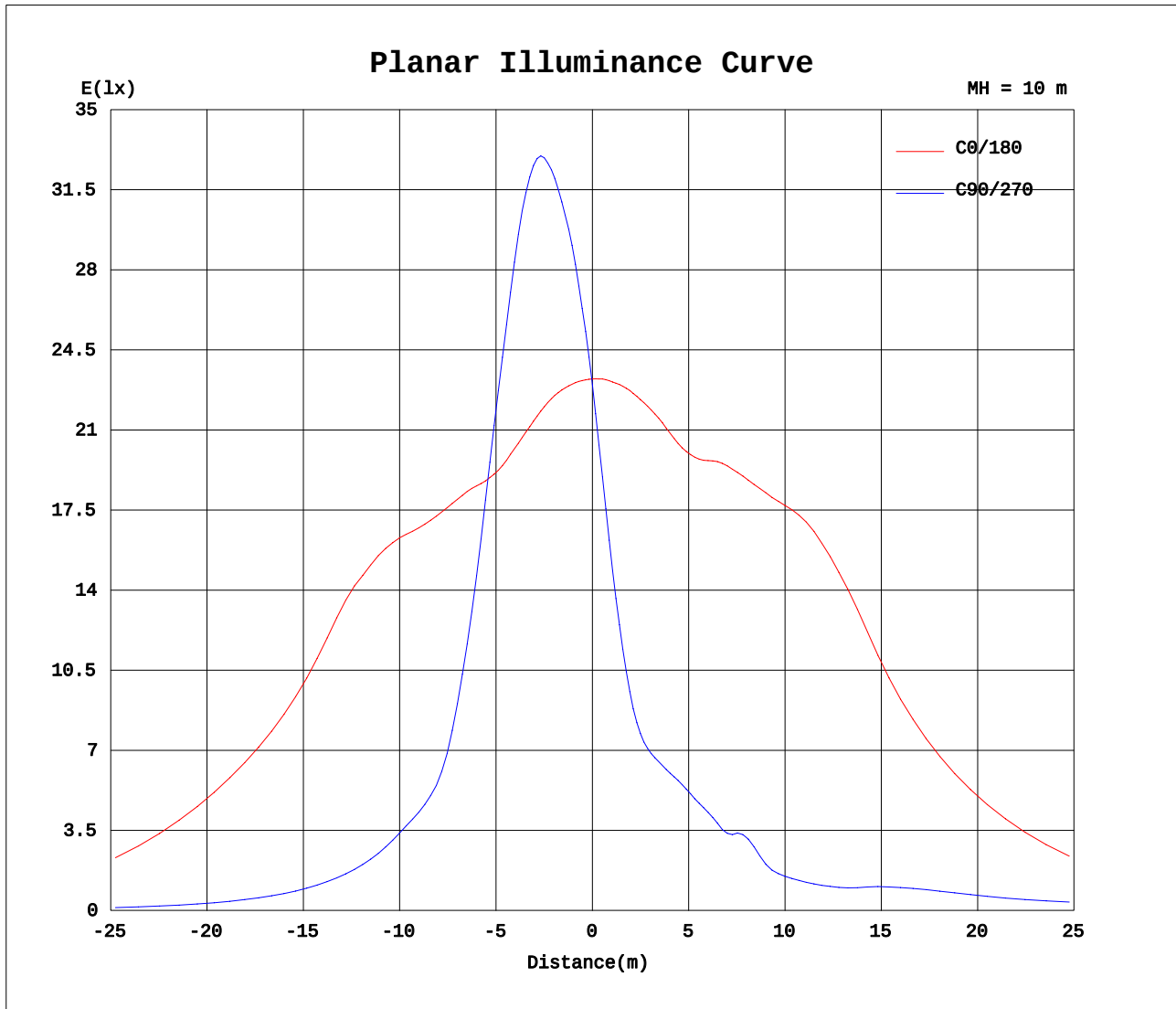
ISOCANDELA DIAGRAM



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



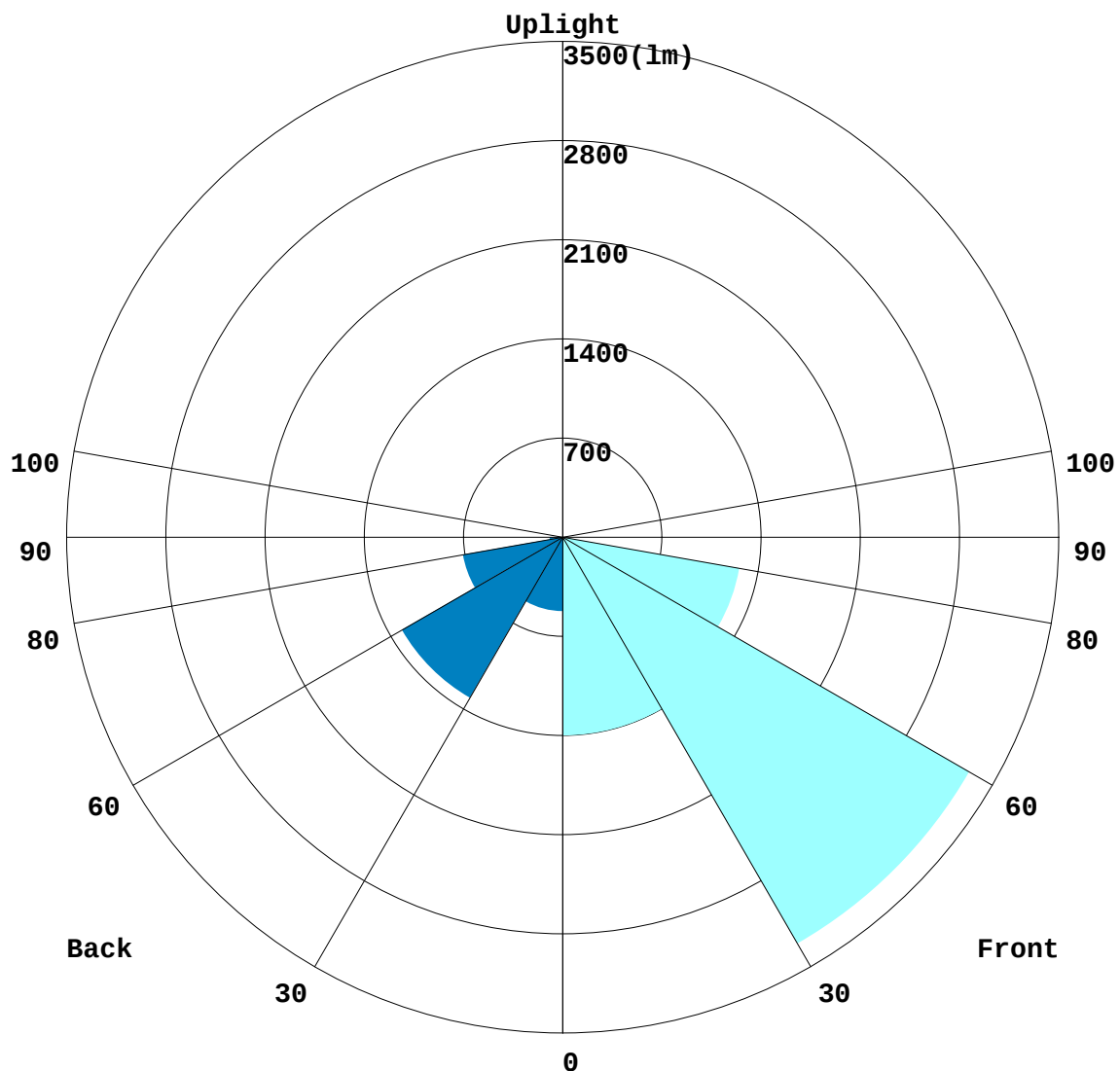
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: XYM
Test Date: 2018-09-06

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:46.14V I:1.300A P:57.00W PF:1.000 Freq:49.99Hz Lamp Flux:8650.33x1 lm		
NAME: YF-60W	TYPE: LED	WEIGHT:
SPEC.: YF-60W	DIM.:	SERIAL No.:1
MFR.: ShenZhen Yufai Aurora Optoelectronic Co., Ltd	SIZE: 260*140	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:46.14V I:1.300A P:57.00W PF:1.000 Freq:49.99Hz Lamp Flux:8650.33x1 lm		
NAME: YF-60W	TYPE:LED	WEIGHT:
SPEC.:YF-60W	DIM.:	SERIAL No.:1
MFR.: ShenZhen Yufai Aurora Optoelectronic Co., Ltd.	SIZE:260*140	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1401.2	16.2
FM - Front-Medium(30-60)	3314.4	38.3
FH - Front-High(60-80)	1267.3	14.7
FVH - Front-Very High(80-90)	26.332	0.3
Total Forward Light	6009.2	69.5

BL - Back-Low(0-30)	523.28	6.0
BM - Back-Medium(30-60)	1310.3	15.1
BH - Back-High(60-80)	714.82	8.3
BVH - Back-Very High(80-90)	92.703	1.1
Total Back Light	2641.1	30.5

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
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	2641.1	0	2641.1
Street Side	6009.2	0	6009.2

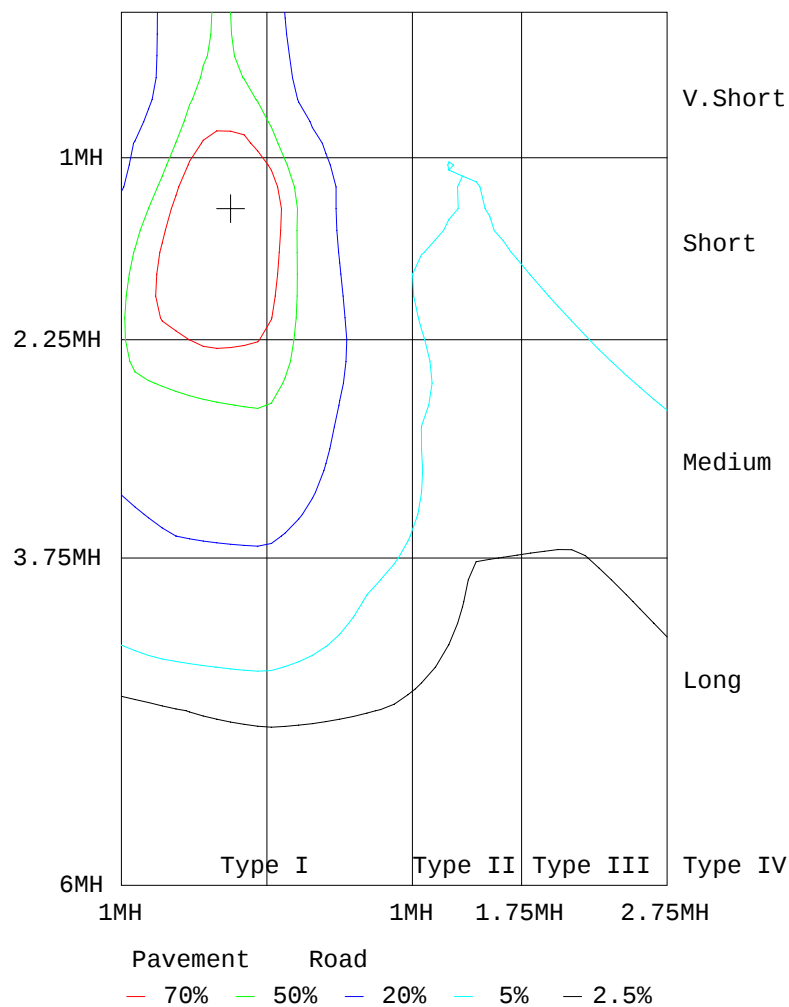
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:XYM
Test Date:2018-09-06

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:46.14V I:1.300A P:57.00W PF:1.000 Freq:49.99Hz Lamp Flux:8650.33x1 lm		
NAME: YF-60W	TYPE:LED	WEIGHT:
SPEC.:YF-60W	DIM.:	SERIAL No.:1
MFR.: ShenZhen Yufai Aurora Optoelectronic Co., Ltd	SIZE:260*140	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:

```