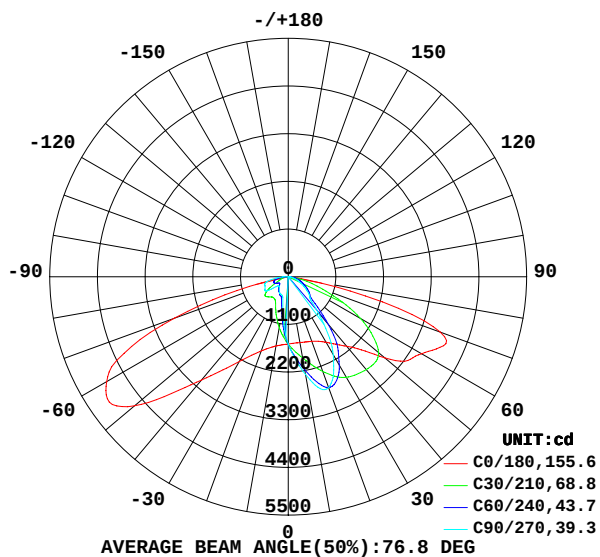
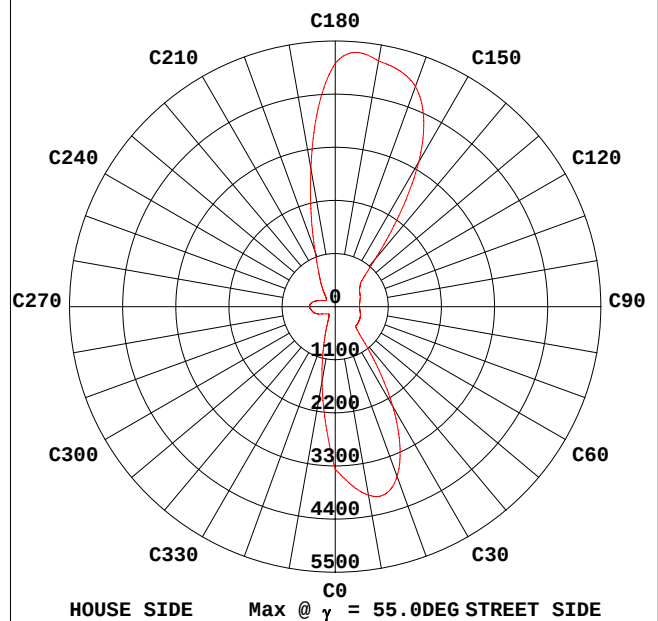


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:22.93V I:1.770A P:40.58W PF:1.000 Freq:49.99Hz Lamp Flux:6464.75x1 lm		
NAME: YF-WIT-60W	TYPE: LED	WEIGHT:
SPEC.: YF-WIT-60W	DIM.:	SERIAL No.: 1
MFR.: ShenZhen Yufai Aurora Optoelectronic Co., Ltd.	SR.: 260*70	Shielding Angle:

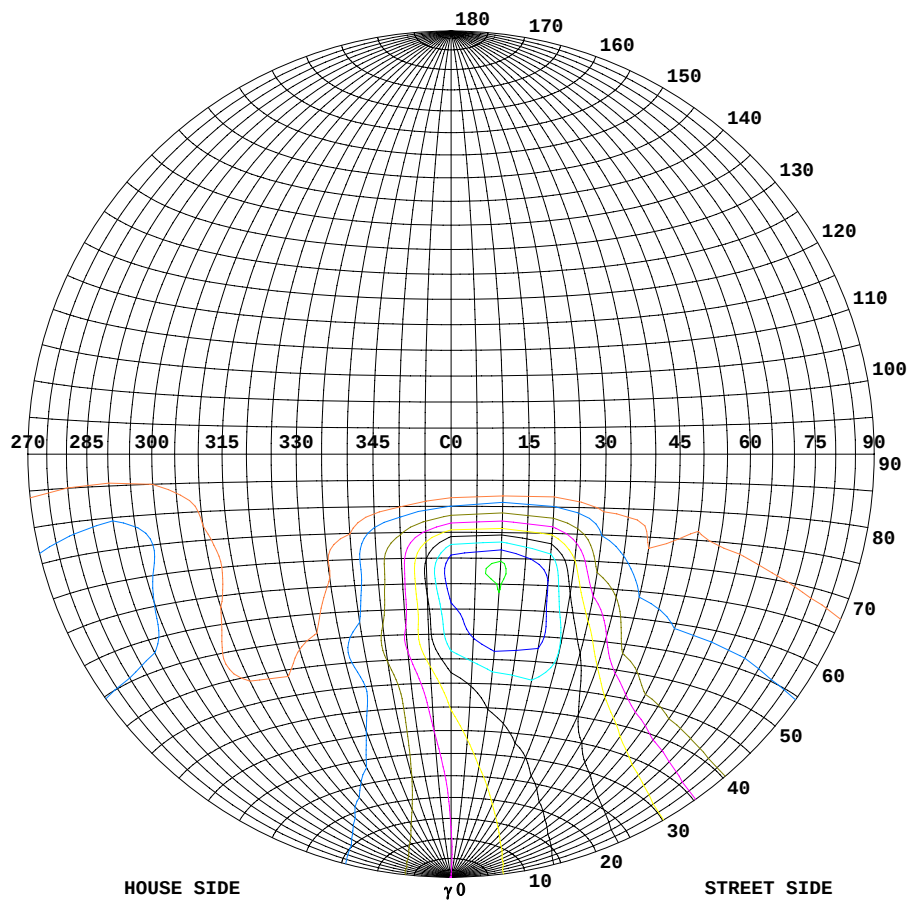
DATA OF LAMP		PHOTOMETRIC DATA Eff: 159.31 lm/W			
MODEL		I _{max} (cd)	5167	η street_up(%)	0.0
NOMINAL POWER(W)	60	LOR(%)	100.0	η street_down(%)	69.8
RATED VOLTAGE(V)	30	TOTAL FLUX(lm)	6465	η house_up(%)	0.0
NOMINAL FLUX(lm)	6464.75	MAXIMUM @(C, γ)	170, 55.0	η house_down(%)	30.2
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m ²)	0.00100
TEST VOLTAGE(V)	30	η down(%)	100.0	SLI	20.283

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



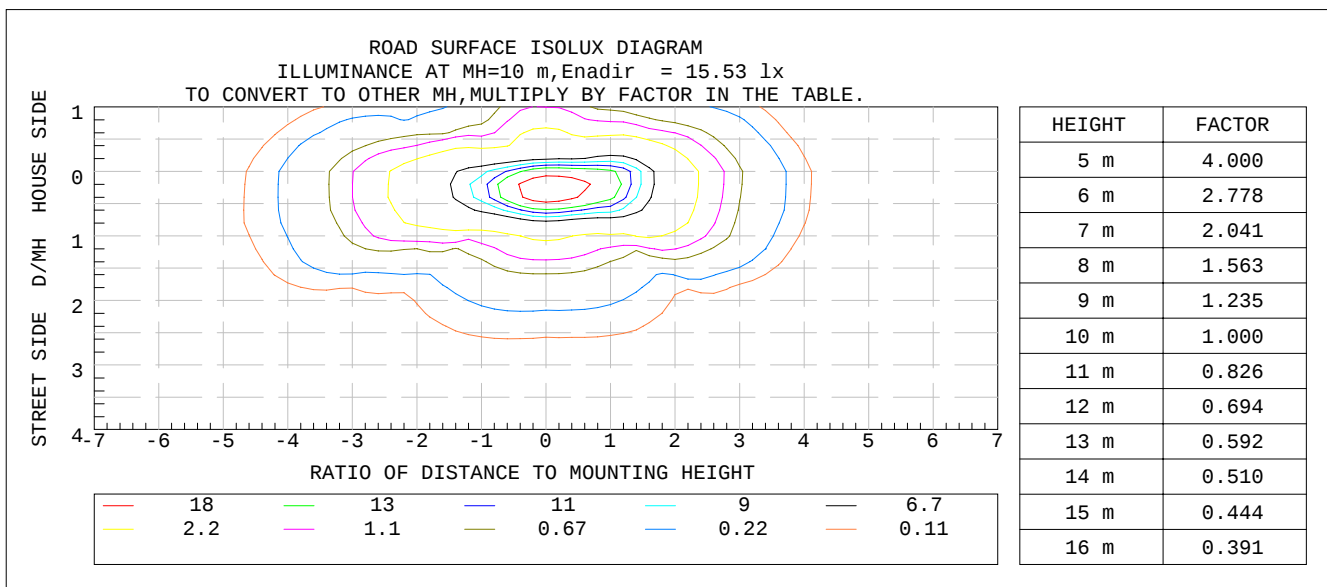
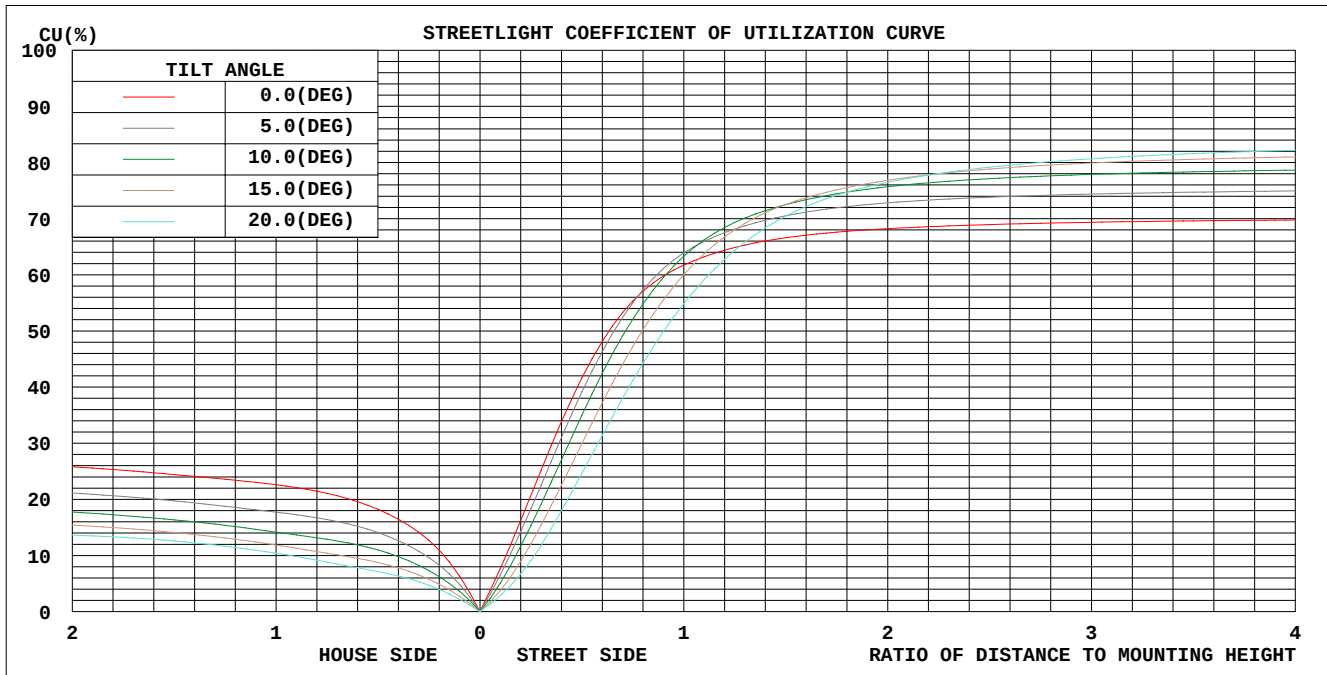
Classification:

IES:Type II - Short
CIE:Narrow - Short
IES:Semi cut-off
CIE:Non-cut-off
Max.At80:105.4cd/klm
Max.At90:4.796cd/klm
Max.80-90:105.4cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	5167
90%	4650
80%	4133
70%	3617
60%	3100
50%	2583
40%	2067
30%	1550
20%	1033
10%	517
5%	258

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:

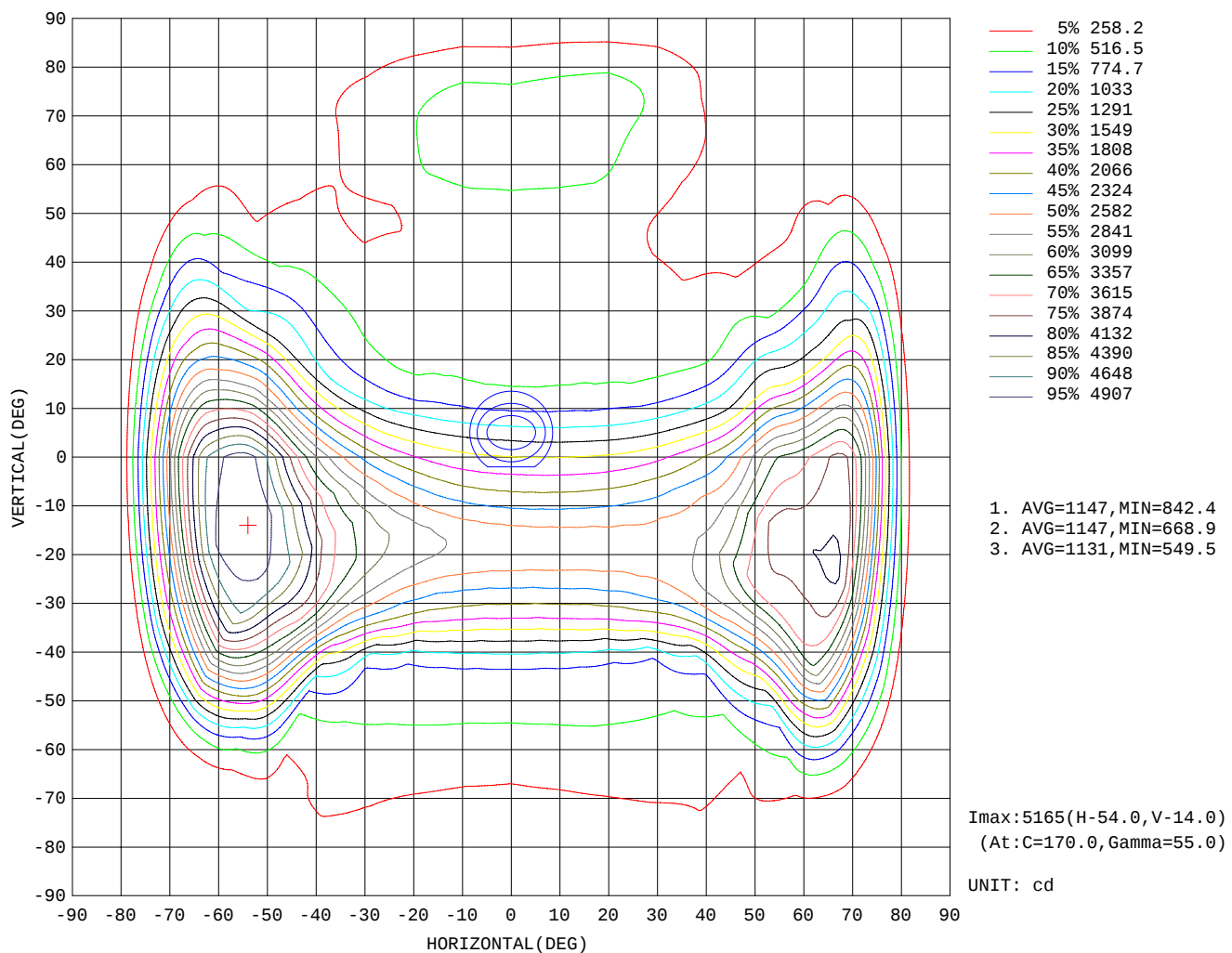
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	%lum, lamp
10	1542	2053	2285	2120	1623	1002	731.3	944.5	0- 10	147.0	147.0	2.27, 2.27
20	1587	2583	2721	2760	1820	597.6	450.9	537.4	10- 20	449.1	596.1	9.22, 9.22
30	1746	2633	2079	2860	2258	430.6	413.7	420.5	20- 30	748.5	1345	20.8, 20.8
40	2095	2151	1073	2460	3110	417.6	325.9	346.0	30- 40	951.7	2296	35.5, 35.5
50	2912	1077	627.1	1388	4631	336.6	341.0	249.5	40- 50	1080	3376	52.2, 52.2
60	3555	575.5	386.3	659.4	4836	274.1	623.5	217.1	50- 60	1240	4616	71.4, 71.4
70	3729	319.2	208.8	286.0	2790	205.8	577.3	234.8	60- 70	1142	5758	89.1, 89.1
80	520.3	198.2	84.19	158.7	116.5	178.1	400.5	206.2	70- 80	593.4	6352	98.3, 98.3
90	24.80	17.18	11.78	12.12	24.35	14.46	3.808	19.96	80- 90	112.9	6465	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:

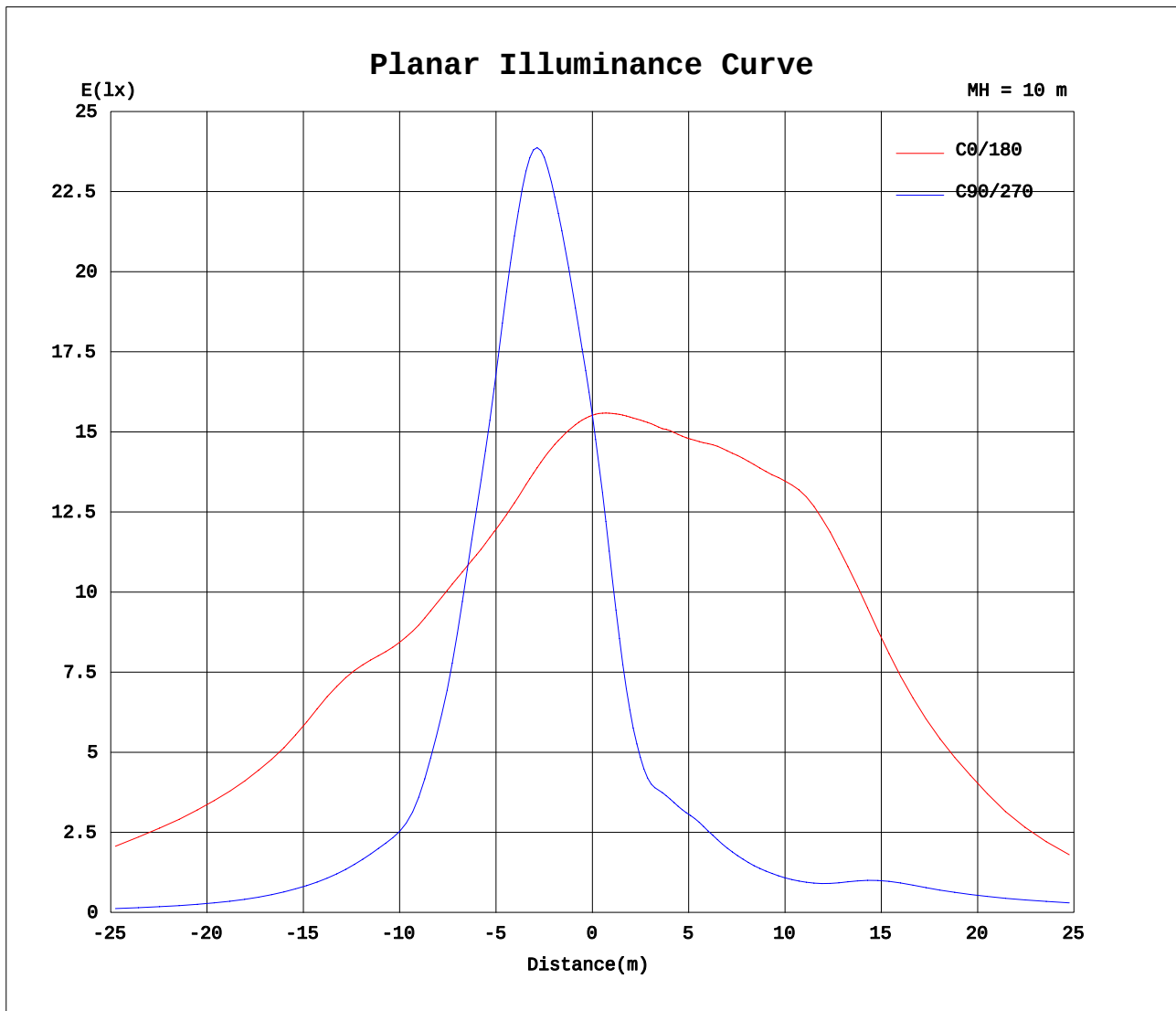
ISOCANDELA DIAGRAM



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



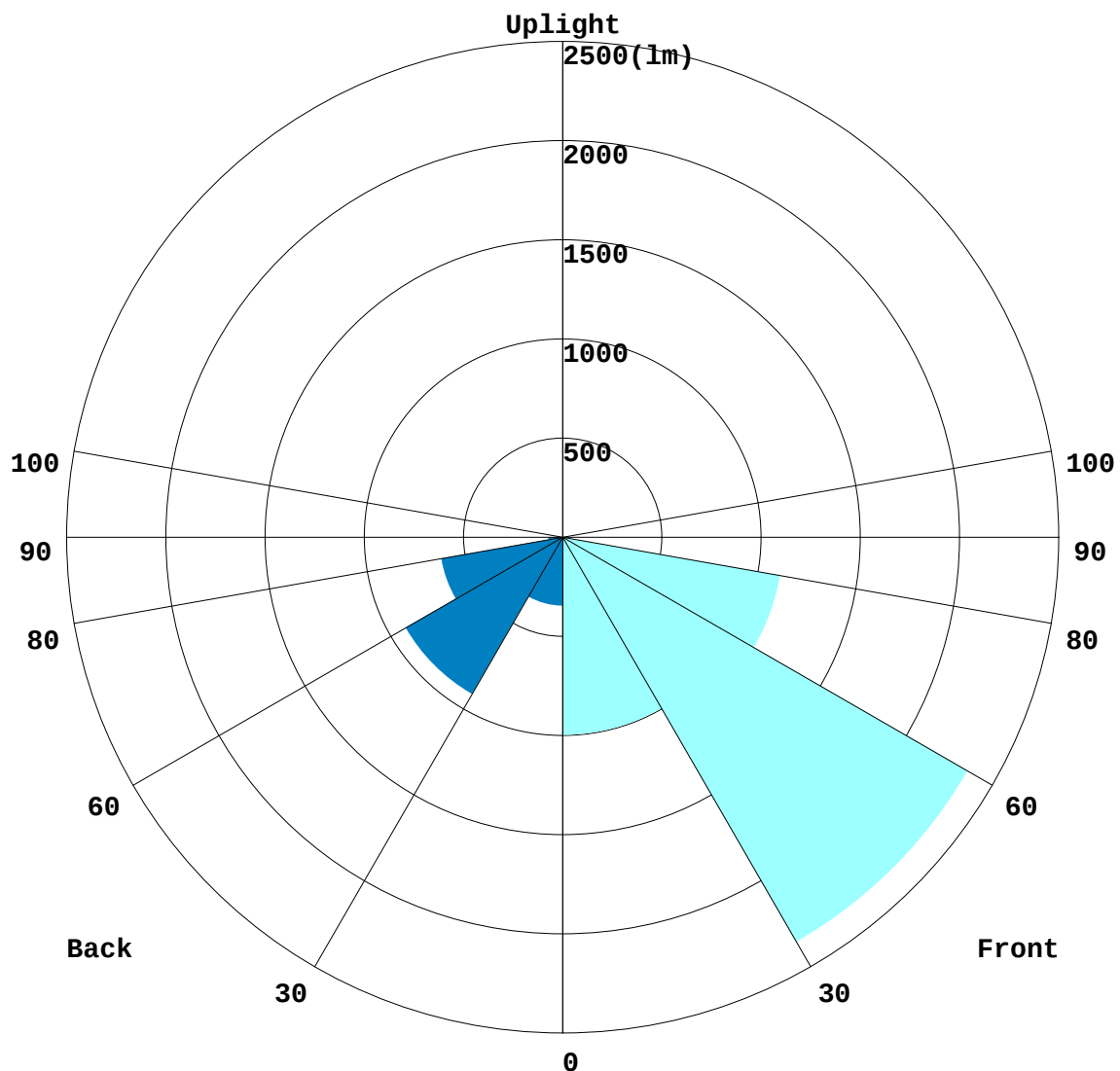
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: XYM
Test Date: 2018-09-06

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:22.93V I:1.770A P:40.58W PF:1.000 Freq:49.99Hz Lamp Flux:6464.75x1 lm		
NAME: YF-WIT-60W	TYPE: LED	WEIGHT:
SPEC.: YF-WIT-60W	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

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:22.93V I:1.770A P:40.58W PF:1.000 Freq:49.99Hz Lamp Flux:6464.75x1 lm		
NAME: YF-WIT-60W	TYPE:LED	WEIGHT:
SPEC.:YF-WIT-60W	DIM.:	SERIAL No.:1
MFR.: ShenZhen Yufai Aurora Optoelectronic Co., Ltd.	UR.:260*70	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	998.45	15.4
FM - Front-Medium(30-60)	2357.5	36.5
FH - Front-High(60-80)	1114.1	17.2
FVH - Front-Very High(80-90)	40.101	0.6
Total Forward Light	4510.2	69.8

BL - Back-Low(0-30)	346.22	5.4
BM - Back-Medium(30-60)	913.86	14.1
BH - Back-High(60-80)	621.7	9.6
BVH - Back-Very High(80-90)	72.797	1.1
Total Back Light	1954.6	30.2

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	1954.6	0	1954.6
Street Side	4510.2	0	4510.2

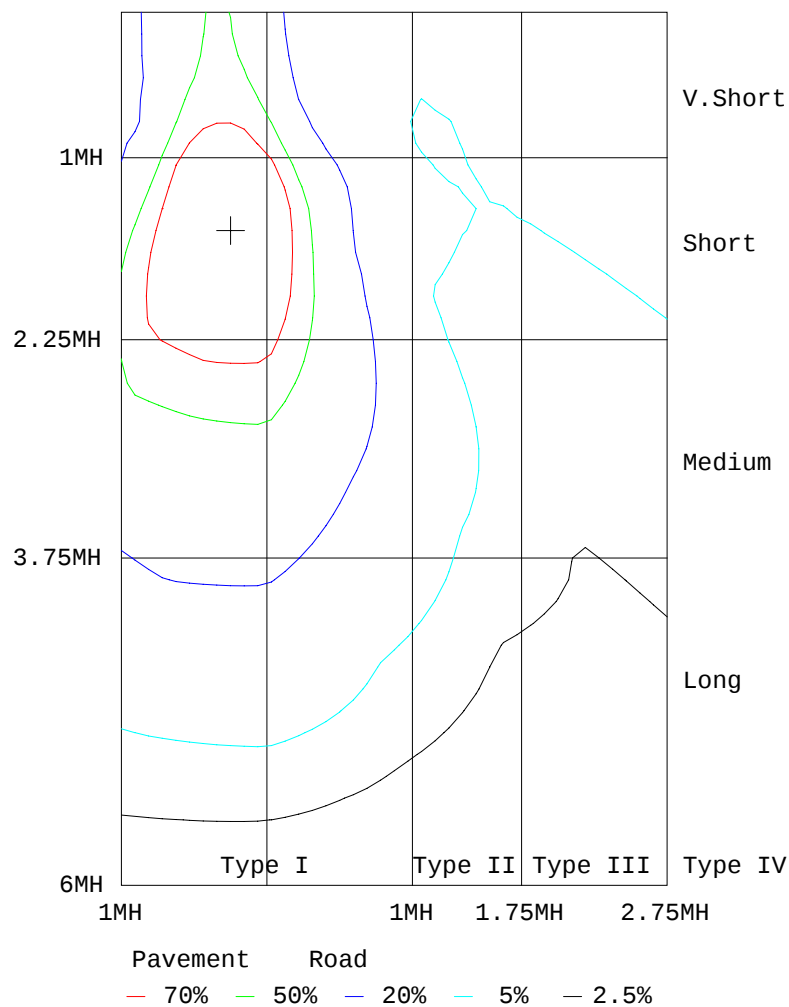
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:XYM
Test Date:2018-09-06

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:22.93V I:1.770A P:40.58W PF:1.000 Freq:49.99Hz Lamp Flux:6464.75x1 lm		
NAME: YF-WIT-60W	TYPE:LED	WEIGHT:
SPEC.:YF-WIT-60W	DIM.:	SERIAL No.:1
MFR.: ShenZhen Yufai Aurora Optoelectronic Co., Ltd	SR.: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:

```