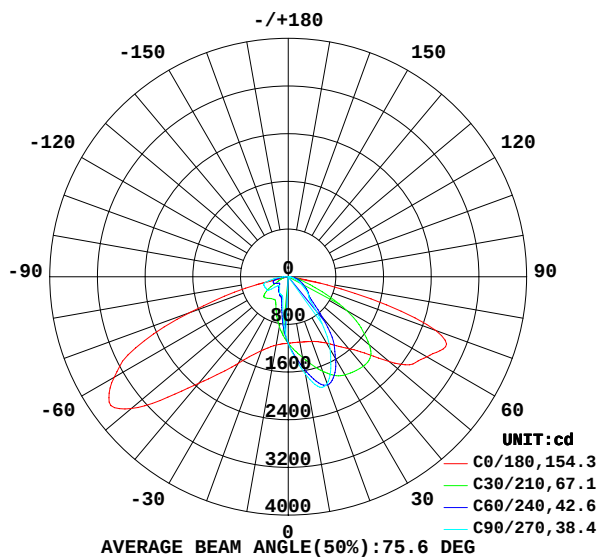
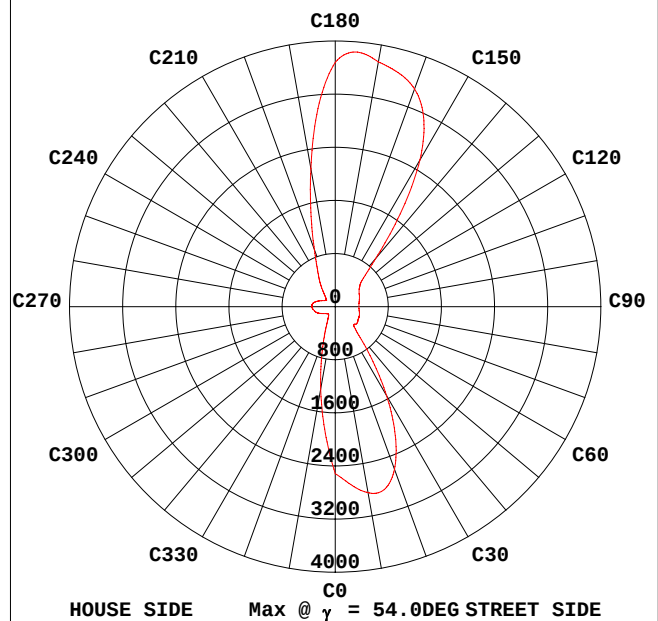


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:22.67V I:1.250A P:28.34W PF:1.000 Freq:49.99Hz Lamp Flux:4550.06x1 lm		
NAME: YF-WIT-40W	TYPE: LED	WEIGHT:
SPEC.: YF-WIT-40W	DIM.:	SERIAL No.: 1
MFR.: ShenZhen Yufai Aurora Optoelectronic Co., Ltd.	SR.: 260*70	Shielding Angle:

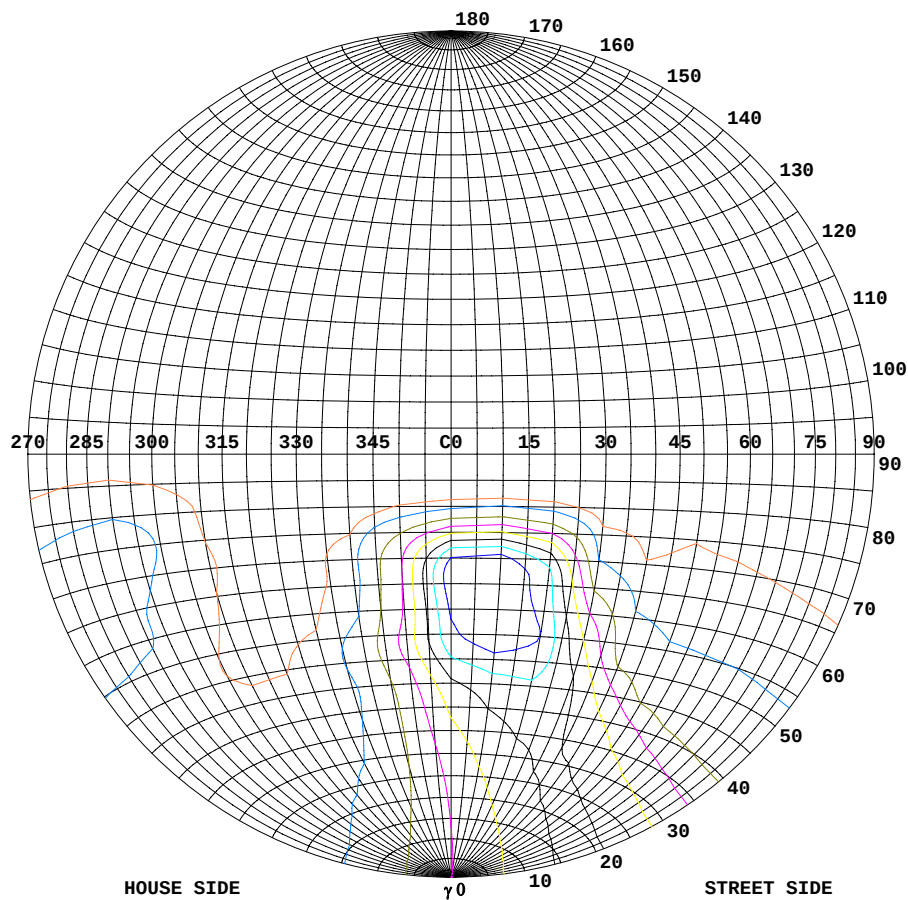
DATA OF LAMP		PHOTOMETRIC DATA Eff: 160.57 lm/W			
MODEL		I _{max} (cd)	3743	η street_up(%)	0.0
NOMINAL POWER(W)	40	LOR(%)	100.0	η street_down(%)	68.8
RATED VOLTAGE(V)	30	TOTAL FLUX(lm)	4550	η house_up(%)	0.0
NOMINAL FLUX(lm)	4550.06	MAXIMUM @(C, γ)	170, 54.0	η house_down(%)	31.2
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	30	η down(%)	100.0	SLI	19.478

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



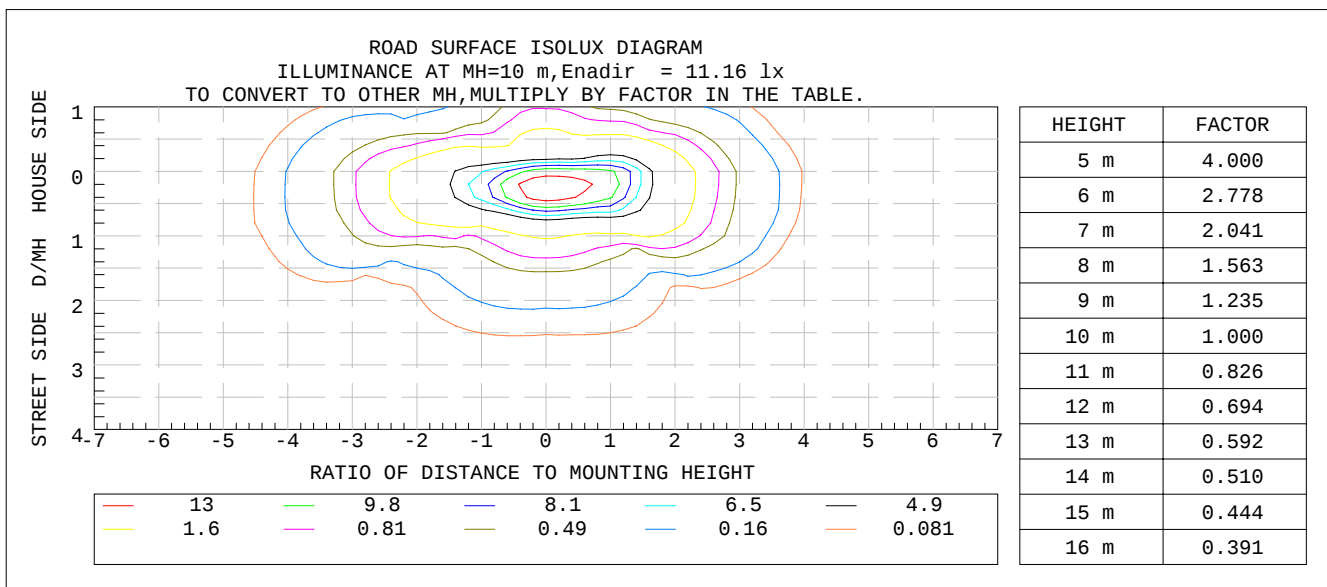
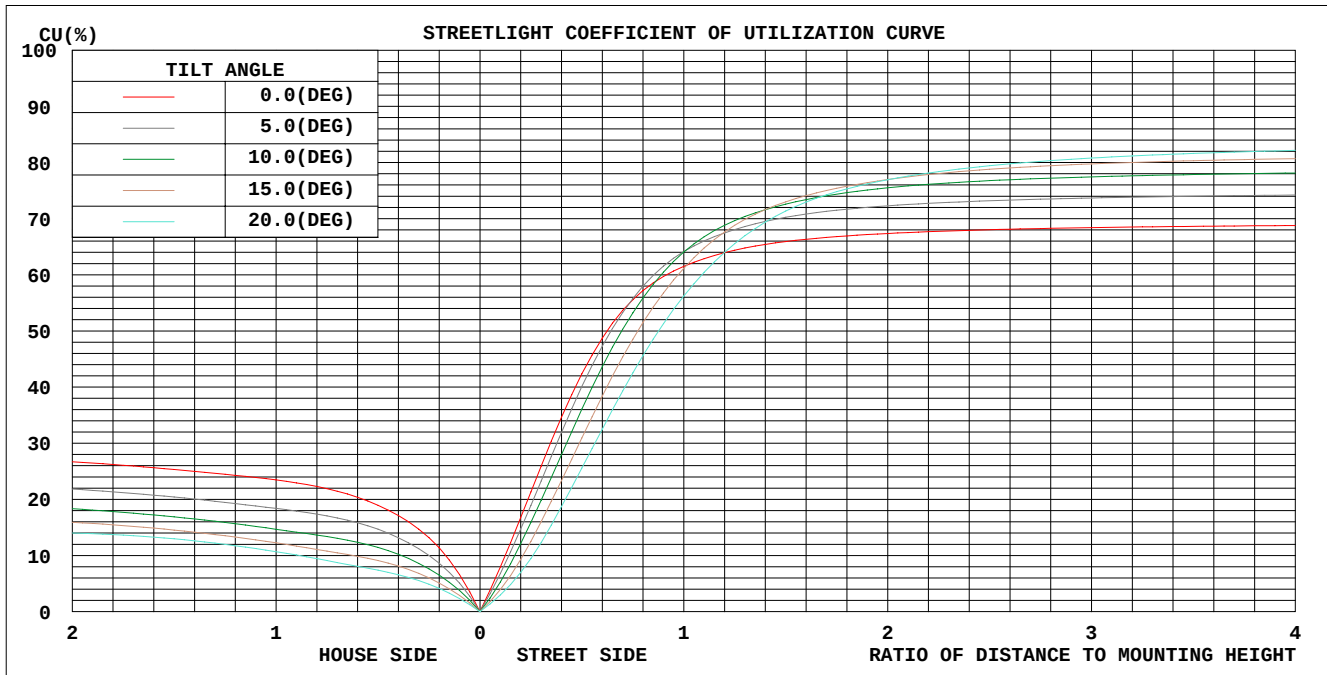
Classification:

IES:Type II - Short
CIE:Narrow - Short
IES:Cut-off
CIE:Semi-cut-off
Max.At80:86.56cd/klm
Max.At90:4.186cd/klm
Max.80-90:86.56cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	3743
90%	3369
80%	2994
70%	2620
60%	2246
50%	1871
40%	1497
30%	1123
20%	749
10%	374
5%	187

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:

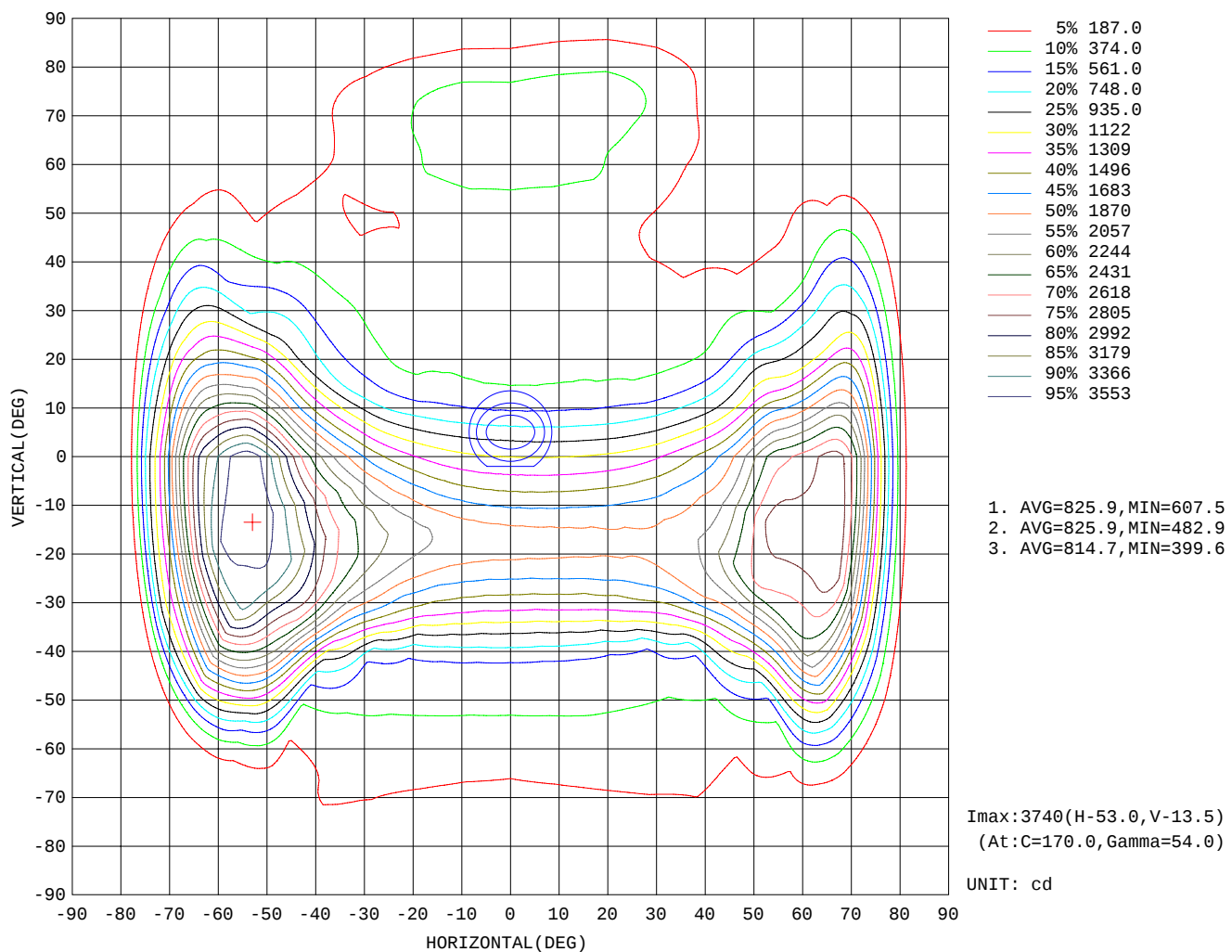
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	%lum, lamp
10	1115	1485	1656	1534	1165	717.1	527.5	685.9	0- 10	105.9	105.9	2.33, 2.33
20	1157	1862	1908	1992	1322	433.7	331.5	398.1	10- 20	324.6	430.5	9.46, 9.46
30	1286	1822	1408	2016	1674	317.5	302.9	308.8	20- 30	534.2	964.7	21.2, 21.2
40	1574	1409	694.5	1722	2332	322.5	228.2	251.4	30- 40	675.8	1641	36.1, 36.1
50	2217	633.6	430.7	952.8	3439	254.3	242.9	180.3	40- 50	774.0	2415	53.1, 53.1
60	2688	363.6	260.3	426.7	3372	211.5	422.5	153.0	50- 60	884.4	3299	72.5, 72.5
70	2634	207.7	143.3	180.6	1750	152.5	434.2	163.2	60- 70	787.8	4087	89.8, 89.8
80	302.8	124.1	56.07	94.56	56.44	129.4	282.4	138.0	70- 80	387.8	4475	98.3, 98.3
90	16.67	13.18	10.99	9.994	14.59	9.935	1.757	13.22	80- 90	75.55	4550	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:

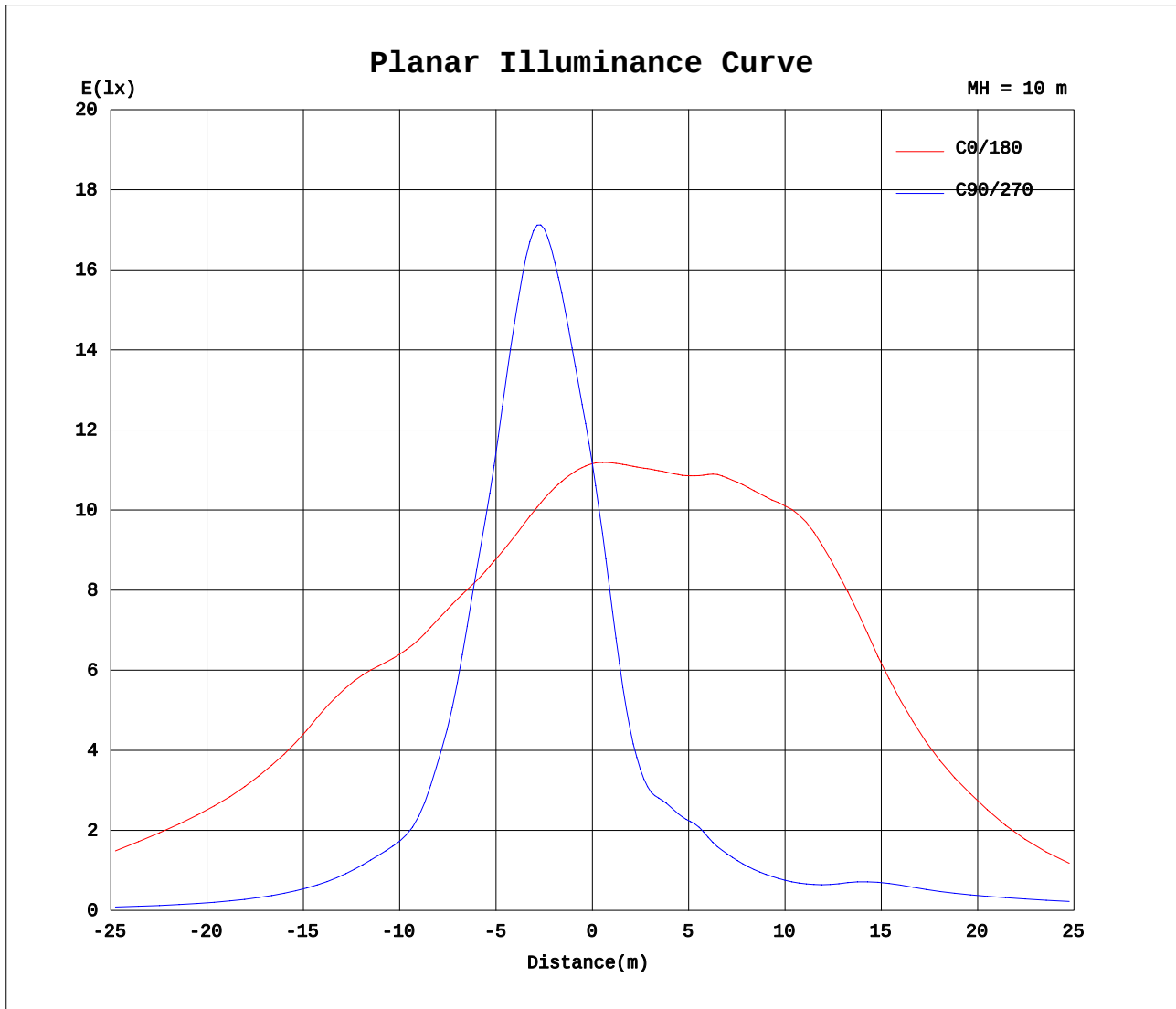
ISOCANDELA DIAGRAM



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



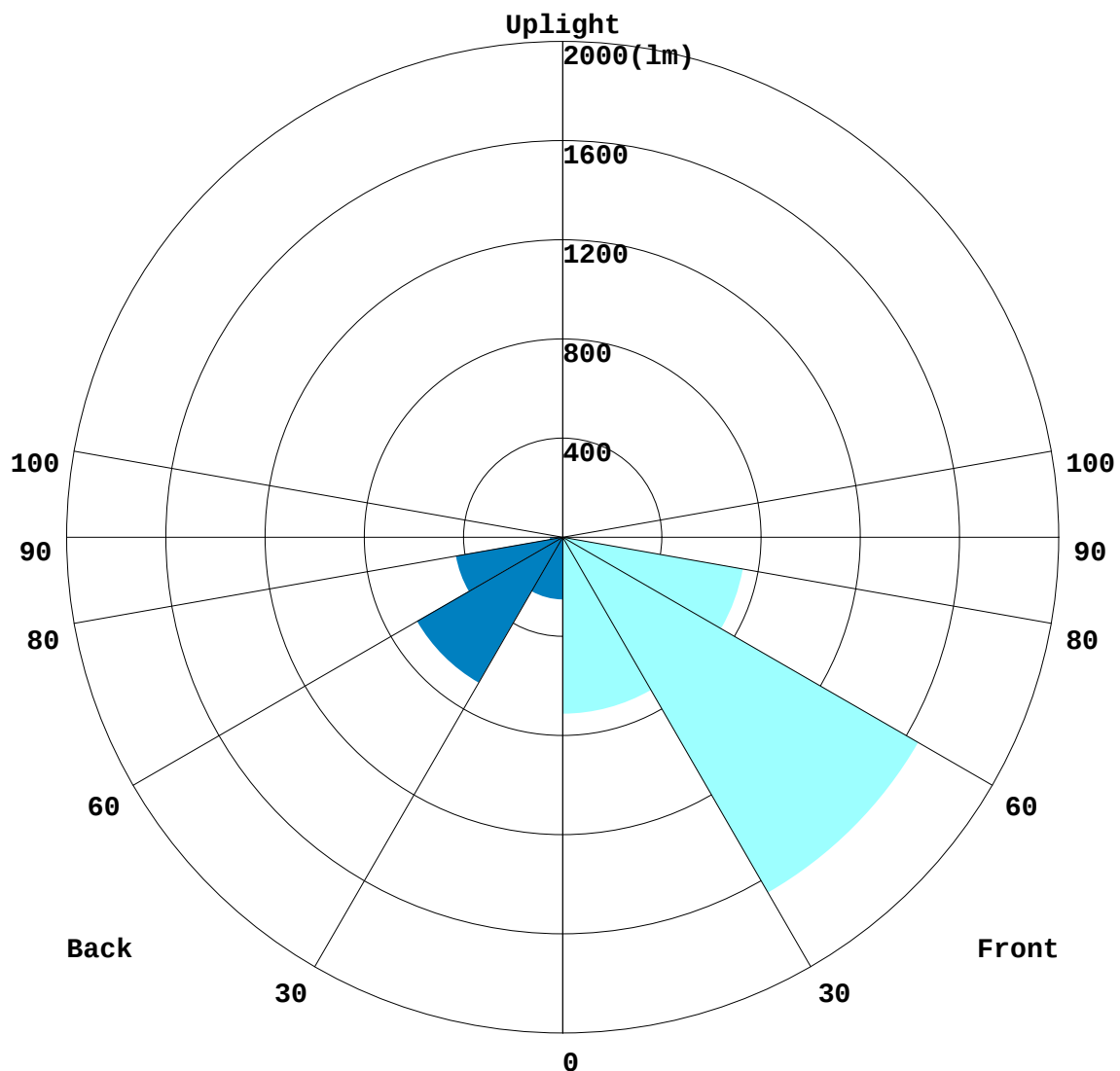
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: XYM
Test Date: 2018-09-06

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:22.67V I:1.250A P:28.34W PF:1.000 Freq:49.99Hz Lamp Flux:4550.06x1 lm		
NAME: YF-WIT-40W	TYPE: LED	WEIGHT:
SPEC.: YF-WIT-40W	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:22.67V I:1.250A P:28.34W PF:1.000 Freq:49.99Hz Lamp Flux:4550.06x1 lm		
NAME: YF-WIT-40W	TYPE:LED	WEIGHT:
SPEC.:YF-WIT-40W	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)	712.68	15.7
FM - Front-Medium(30-60)	1656.3	36.4
FH - Front-High(60-80)	738.72	16.2
FVH - Front-Very High(80-90)	24.042	0.5
Total Forward Light	3131.7	68.8

BL - Back-Low(0-30)	252.05	5.5
BM - Back-Medium(30-60)	677.87	14.9
BH - Back-High(60-80)	436.89	9.6
BVH - Back-Very High(80-90)	51.505	1.1
Total Back Light	1418.3	31.2

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	B1-U0-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	1418.3	0	1418.3
Street Side	3131.7	0	3131.7

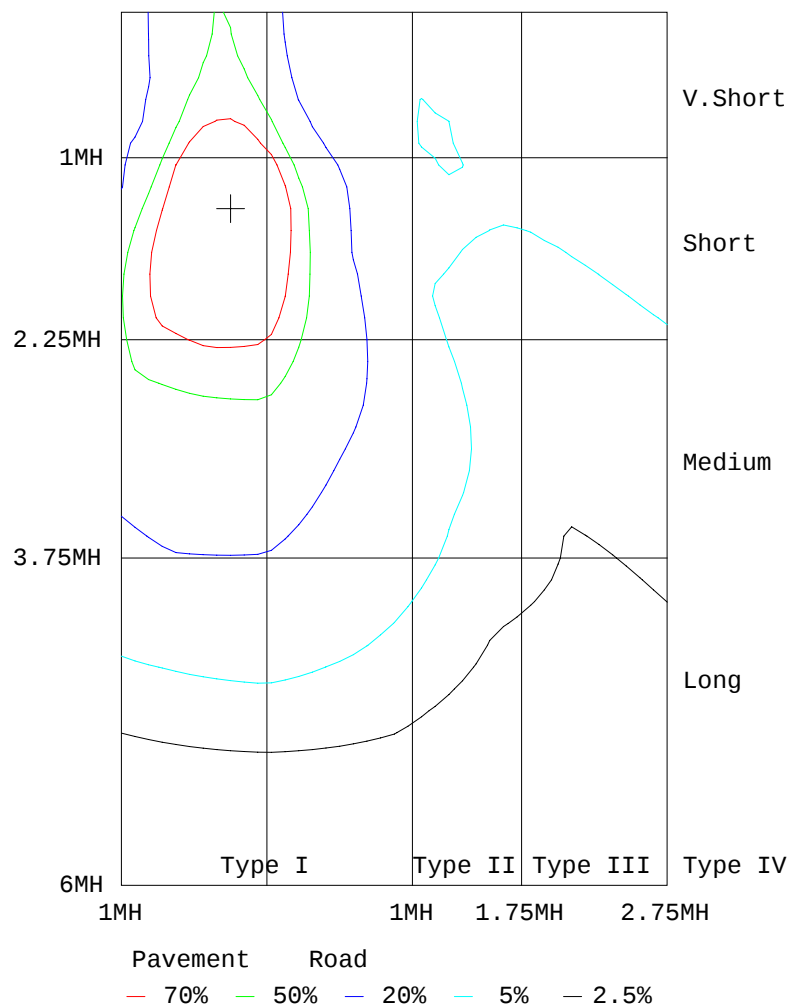
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:XYM
Test Date:2018-09-06

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

ROAD ISOCANDELA REPORT

Test:U:22.67V I:1.250A P:28.34W PF:1.000 Freq:49.99Hz Lamp Flux:4550.06x1 lm		
NAME: YF-WIT-40W	TYPE:LED	WEIGHT:
SPEC.:YF-WIT-40W	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:

```