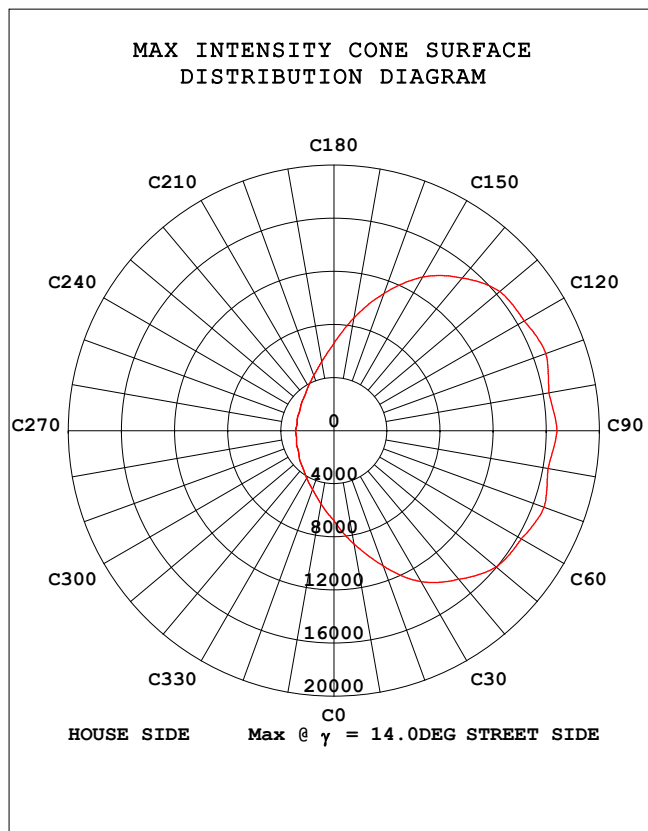
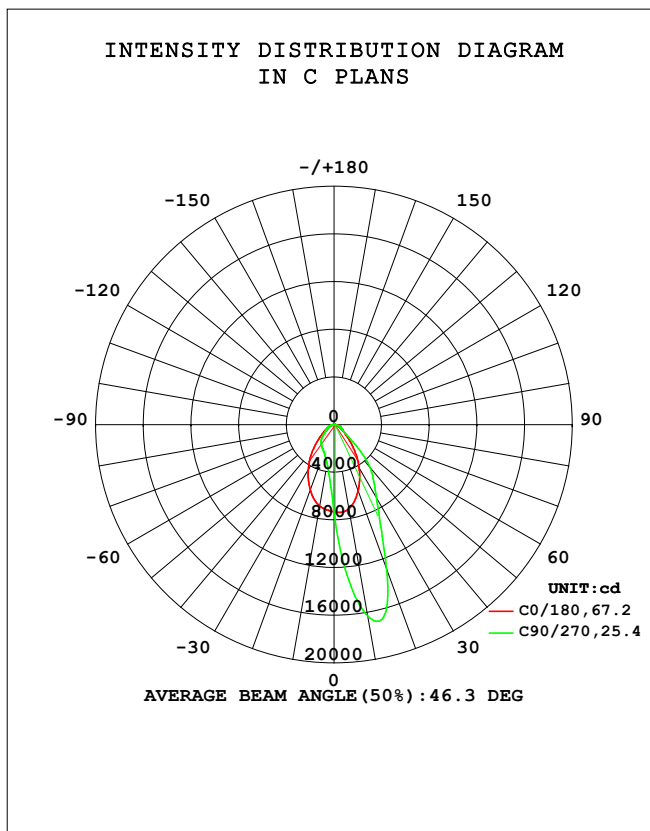


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:229.8V I:0.4490A P:101.7W PF:0.9860 Freq:50.01Hz UTHDi:0% ITHDi:0% Lamp Flux:12158.6x1 lm		
NAME: FL23-100-5070-F12803	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

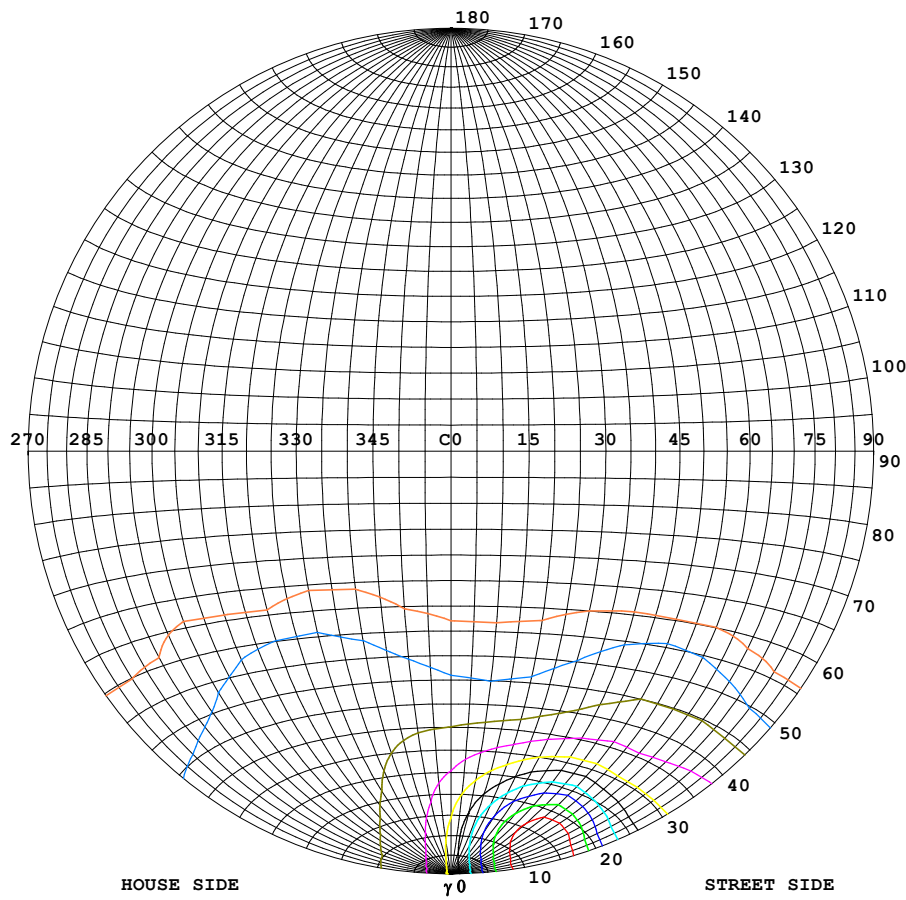
DATA OF LAMP		PHOTOMETRIC DATA Eff: 119.52 lm/W			
MODEL	RF303	Imax (cd)	16988	η street_up (%)	0.0
NOMINAL POWER (W)	100	LOR (%)	100.0	η street_down (%)	67.3
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	12159	η house_up (%)	0.0
NOMINAL FLUX (lm)	12158.6	MAXIMUM @ (C, γ)	110,14.0	η house_down (%)	32.7
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	230	η down (%)	100.0	SLI	



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LYJ
Test Date: 2020-06-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.426
Humidity: 65.0%
Test Distance: 26.000m [K=0.4589]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

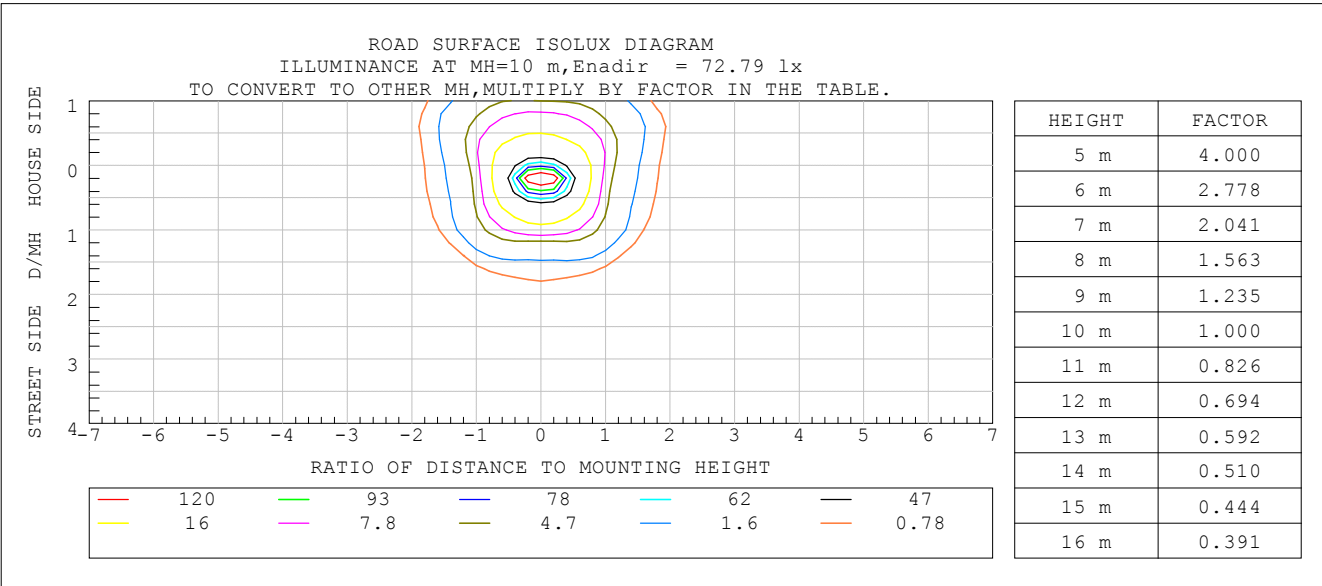
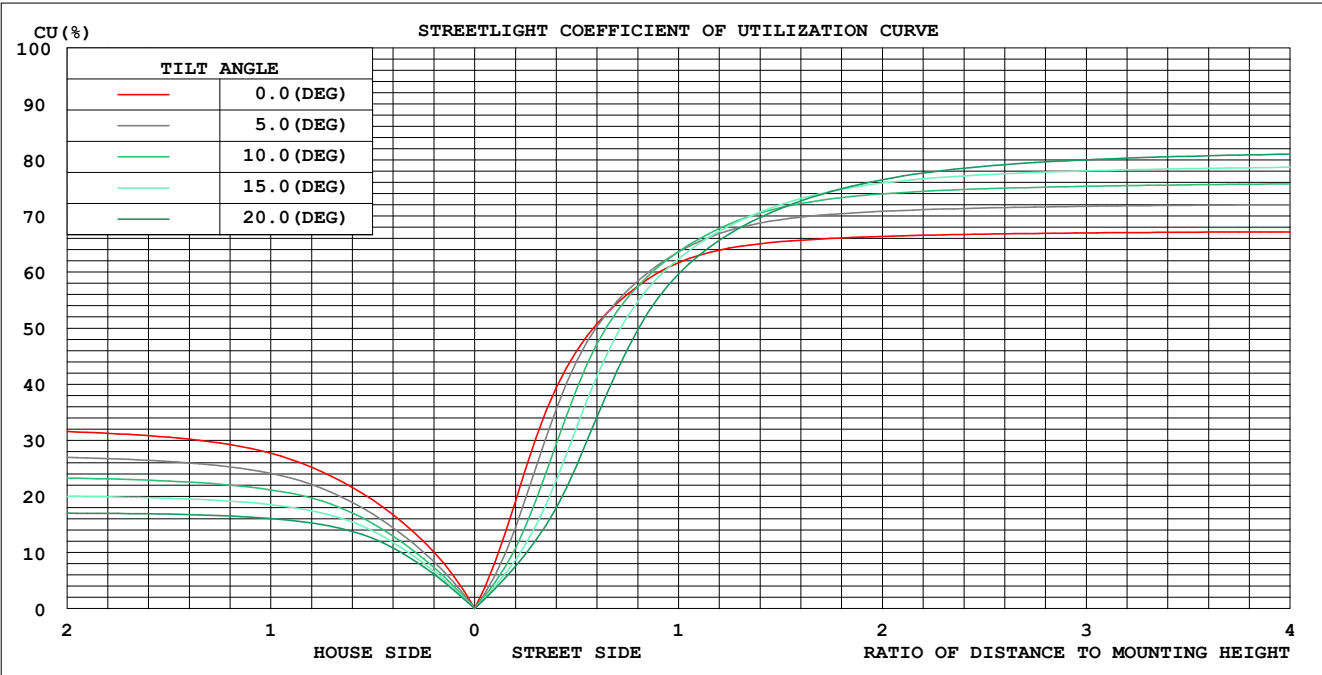


Classification:
IES:Type I - Very Short
CIE:Narrow - Short
IES:Full cut-off
CIE:Full cut-off
Max.At80:15.84cd/klm
Max.At90:0cd/klm
Max.80-90:15.84cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	16988
90%	15289
80%	13590
70%	11892
60%	10193
50%	8494
40%	6795
30%	5096
20%	3398
10%	1699
5%	849

C Range: 0 - 360DEG	γ Range: 0 - 90DEG
C Interval: 10.0DEG	γ Interval: 0.5DEG
Test Speed: HIGH	Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.426
Temperature:25.3DEG	Humidity:65.0%
Operators:LYJ	Test Distance:26.000m [K=0.4589]
Test Date:2020-06-30	Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LYJ
Test Date: 2020-06-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.426
Humidity: 65.0%
Test Distance: 26.000m [K=0.4589]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

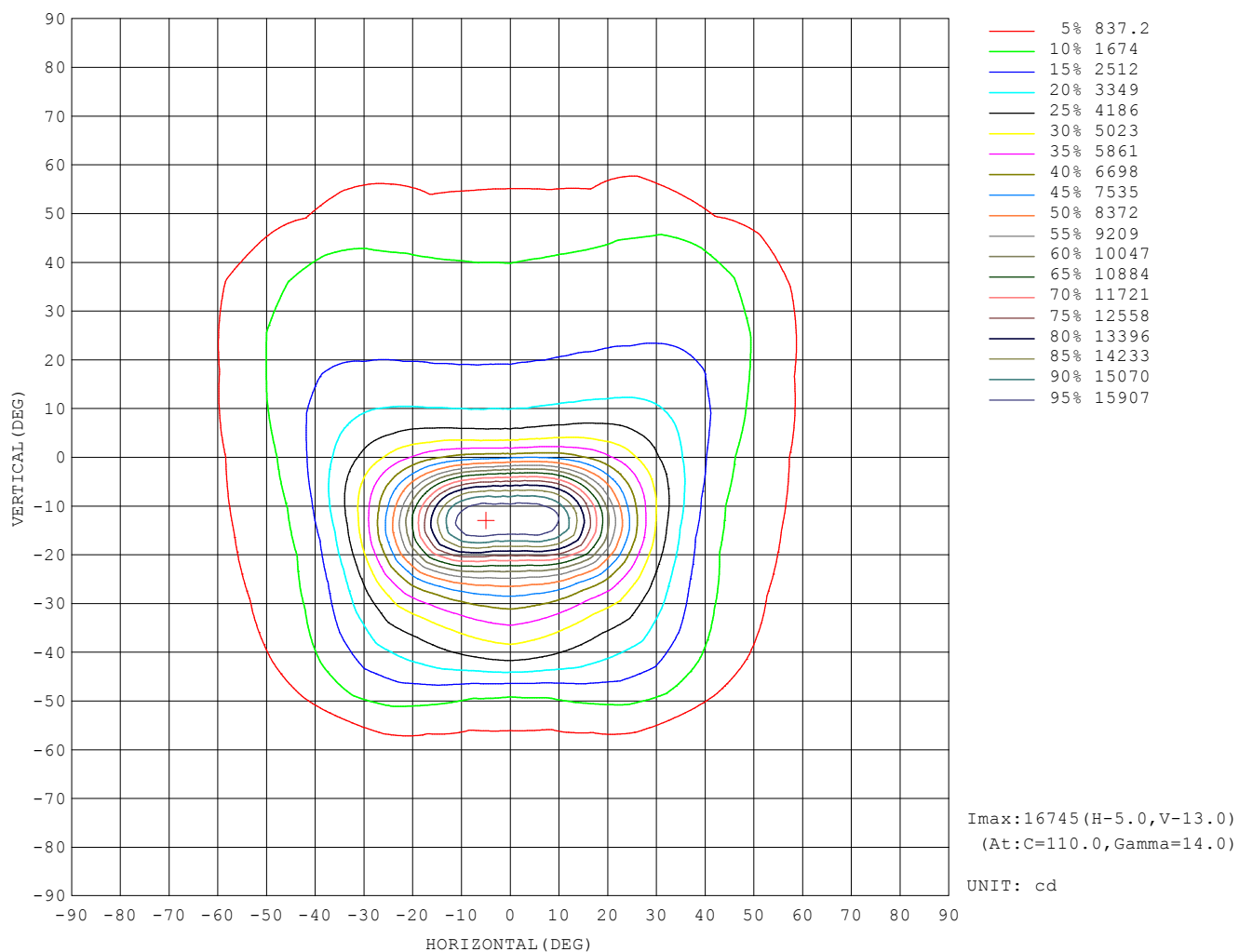
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	717.9	1428	1629	1434	695.2	385.0	336.9	404.1	0- 10	789.8	789.8	6.5, 6.5
20	592.8	1395	1293	1471	584.3	283.4	249.1	302.5	10- 20	2424	3213	26.4, 26.4
30	423.7	749.1	714.2	825.8	433.9	238.7	208.9	255.0	20- 30	2811	6025	49.5, 49.5
40	253.2	405.2	474.6	430.5	275.3	208.8	168.4	223.6	30- 40	2357	8381	68.9, 68.9
50	128.9	242.4	153.9	250.3	143.3	176.0	103.1	189.4	40- 50	1802	10183	83.8, 83.8
60	71.68	89.92	71.51	96.25	75.42	96.13	70.06	97.78	50- 60	1148	11331	93.2, 93.2
70	36.41	27.98	49.18	29.42	37.98	35.93	42.81	36.32	60- 70	563.0	11894	97.8, 97.8
80	19.26	7.501	7.031	8.043	18.40	10.30	14.56	10.32	70- 80	232.1	12126	99.7, 99.7
90	0	0	0	0	0	0	0	0	80- 90	32.25	12159	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: $\times 10\text{cd}$									UNIT: lm		

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LYJ
 Test Date: 2020-06-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 26.000m [K=0.4589]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

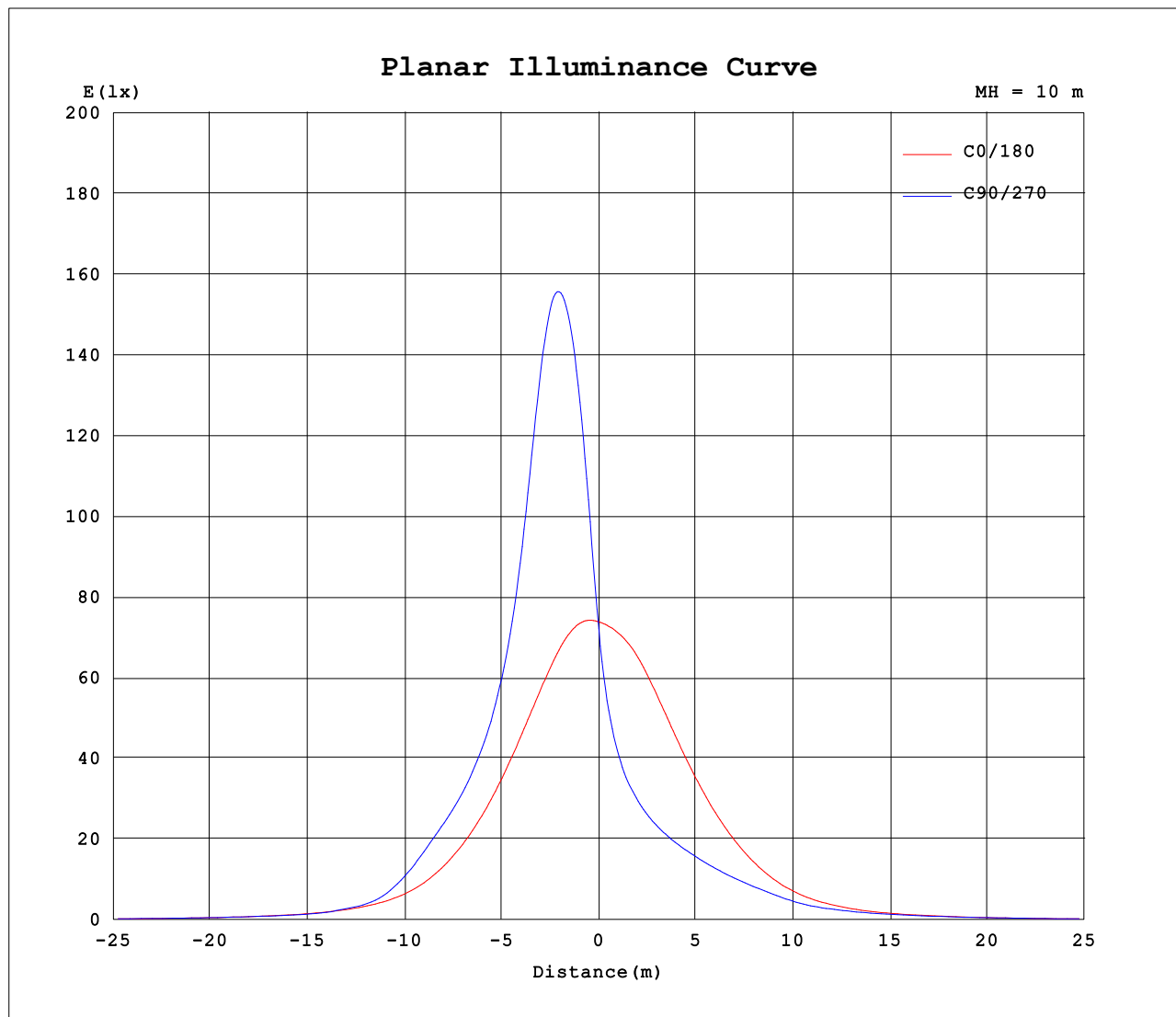
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYJ
Test Date:2020-06-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.426
Humidity:65.0%
Test Distance:26.000m [K=0.4589]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LYJ
Test Date: 2020-06-30

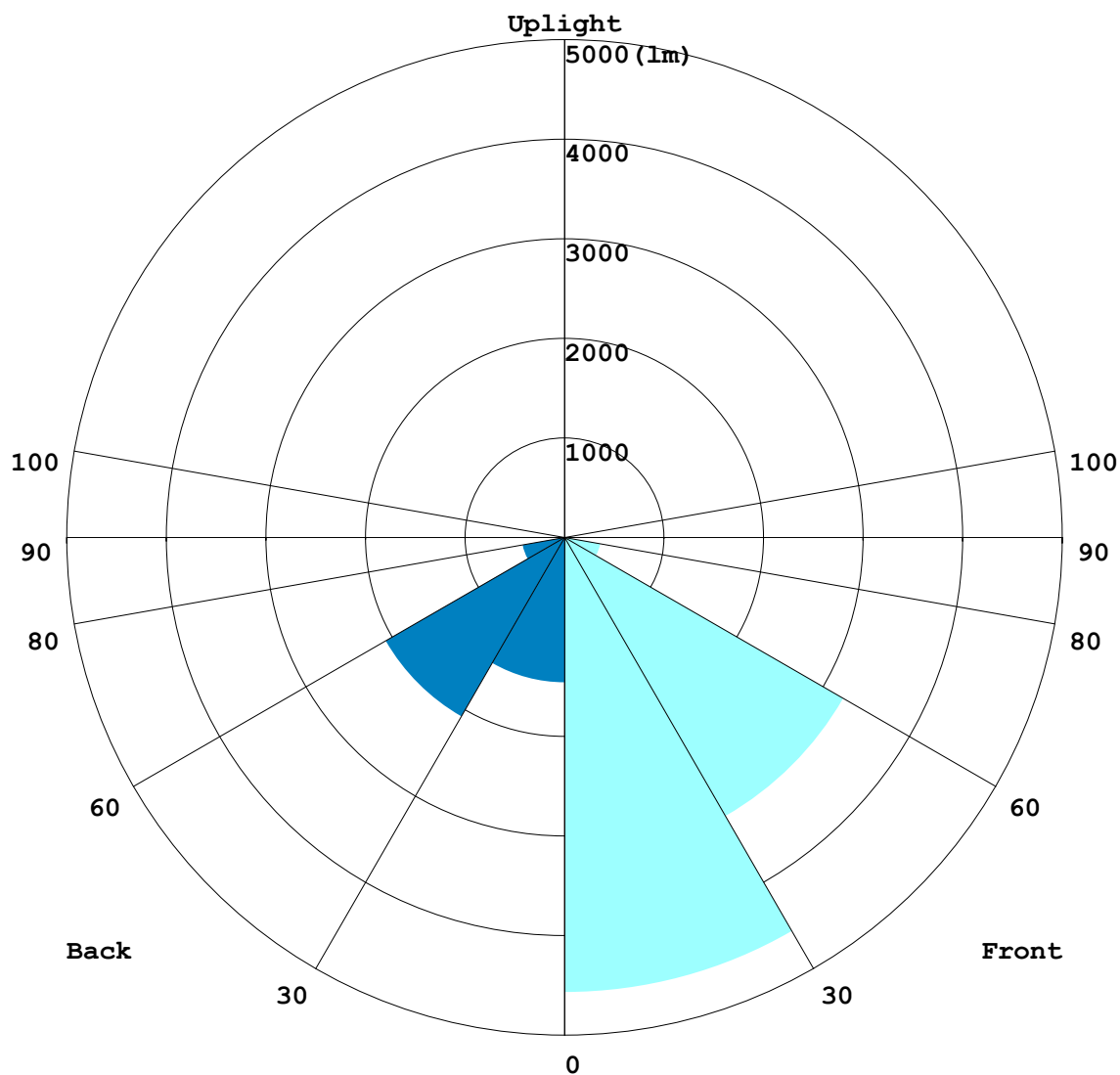
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.426
Humidity: 65.0%
Test Distance: 26.000m [K=0.4589]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:229.8V I:0.4490A P:101.7W PF:0.9860 Freq:50.01Hz UTHDi:0% ITHDi:0% Lamp Flux:12158.6x1 lm		
NAME: FL23-100-5070-F12803	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LYJ
 Test Date:2020-06-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:26.000m [K=0.4589]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

BUG REPORT

Test:U:229.8V I:0.4490A P:101.7W PF:0.9860 Freq:50.01Hz UTHDi:0% ITHDi:0% Lamp Flux:12158.6x1 lm		
NAME: FL23-100-5070-F12803	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	4567.1	37.6
FM - Front-Medium(30-60)	3231.7	26.6
FH - Front-High(60-80)	366.09	3.0
FVH - Front-Very High(80-90)	12.673	0.1
Total Forward Light	8177.6	67.3

BL - Back-Low(0-30)	1457.5	12.0
BM - Back-Medium(30-60)	2074.9	17.1
BH - Back-High(60-80)	429	3.5
BVH - Back-Very High(80-90)	19.575	0.2
Total Back Light	3981	32.7

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	B3-U0-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	3981	0	3981
Street Side	8177.6	0	8177.6

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LYJ
 Test Date:2020-06-30

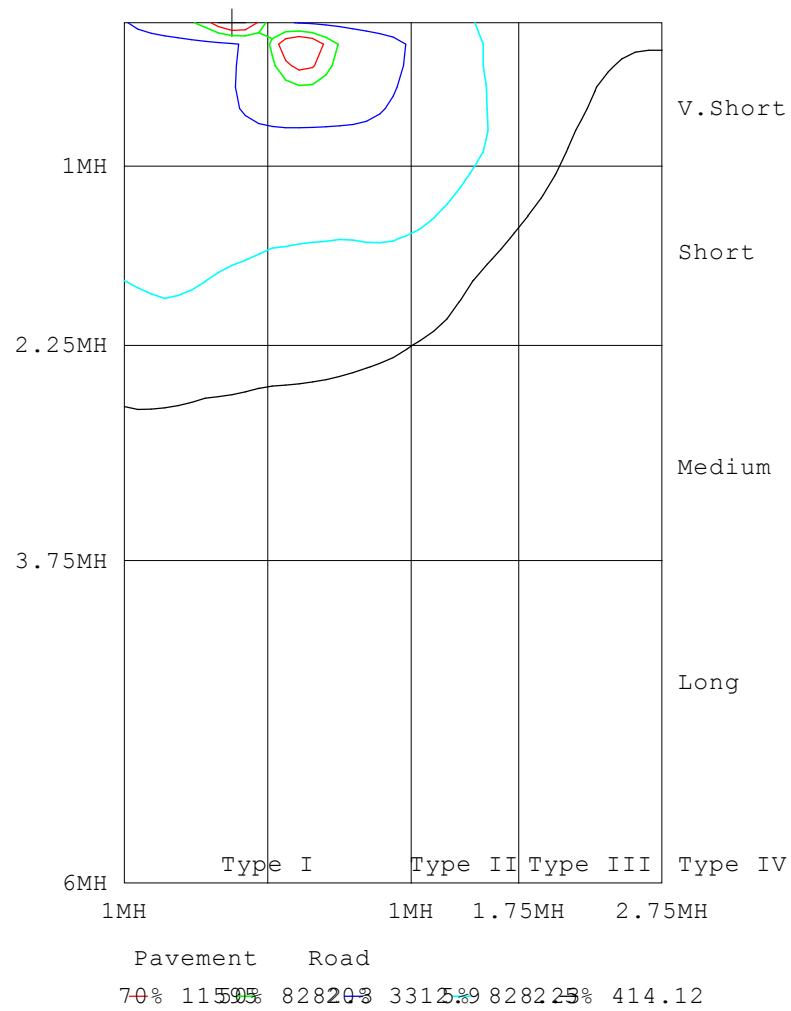
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:26.000m [K=0.4589]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:229.8V I:0.4490A P:101.7W PF:0.9860 Freq:50.01Hz UTHDi:0% ITHDi:0% Lamp Flux:12158.6x1 lm		
NAME: FL23-100-5070-F12803	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYJ
Test Date:2020-06-30

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.426
Humidity:65.0%
Test Distance:26.000m [K=0.4589]
Remarks: