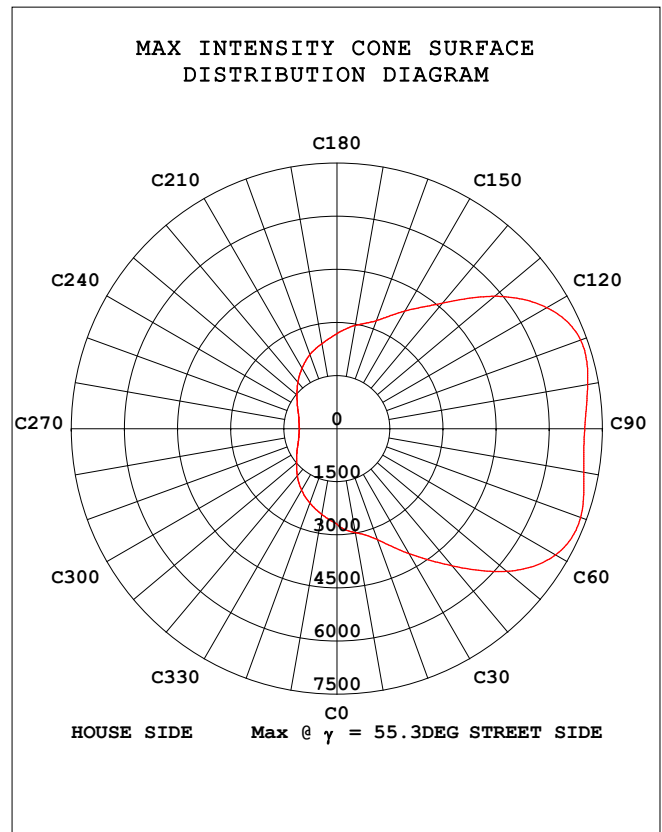
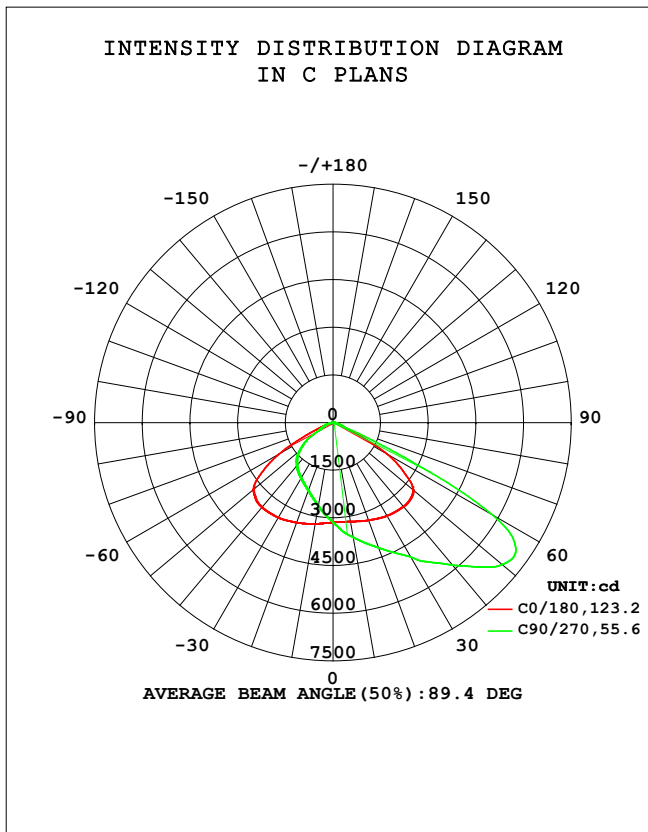


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:229.8V I:0.4441A P:100.7W PF:0.9869 Freq:50.01Hz UTHDi:0.4978% ITHDi:6.288% Lamp Flux:12493.5x1 lm					
NAME: FL23-100-5070-F12801		TYPE:		WEIGHT:	
SPEC.:		DIM.:		SERIAL No.:	
MFR.:		SUR.:		Shielding Angle:	

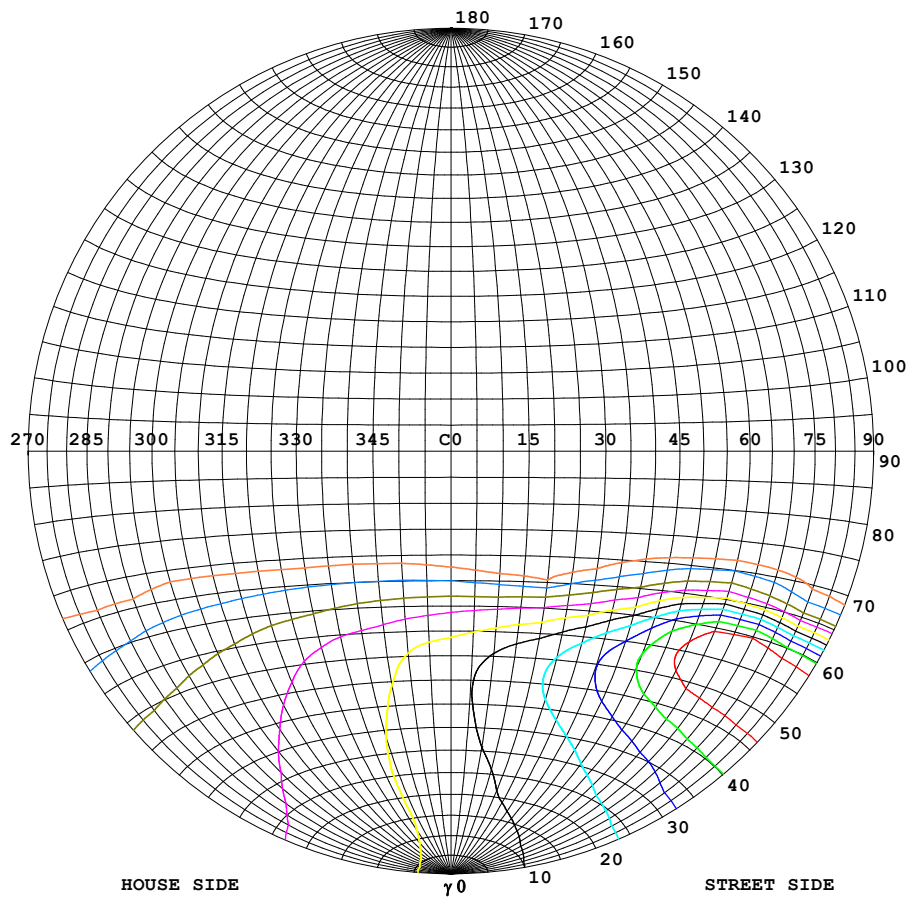
DATA OF LAMP		PHOTOMETRIC DATA Eff: 124.07 lm/W			
MODEL	RF303	Imax (cd)	7327	η street_up (%)	0.0
NOMINAL POWER (W)	100	LOR (%)	100.0	η street_down (%)	68.0
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	12494	η house_up (%)	0.0
NOMINAL FLUX (lm)	12493.5	MAXIMUM @ (C, γ)	110,55.3	η house_down (%)	32.0
LAMPS INSIDE	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: LI
Test Date: 2020-04-23

γ Range: 0 - 90DEG
 γ Interval: 0.1DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.426
Humidity: 65.0%
Test Distance: 26.000m [K=0.4589]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM



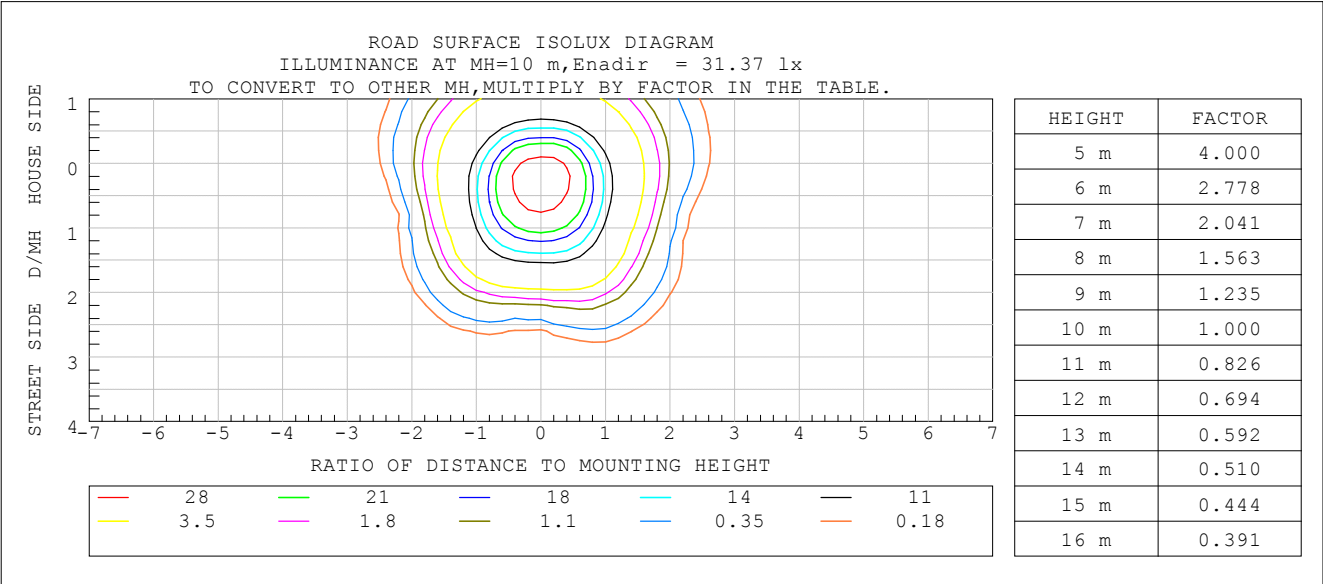
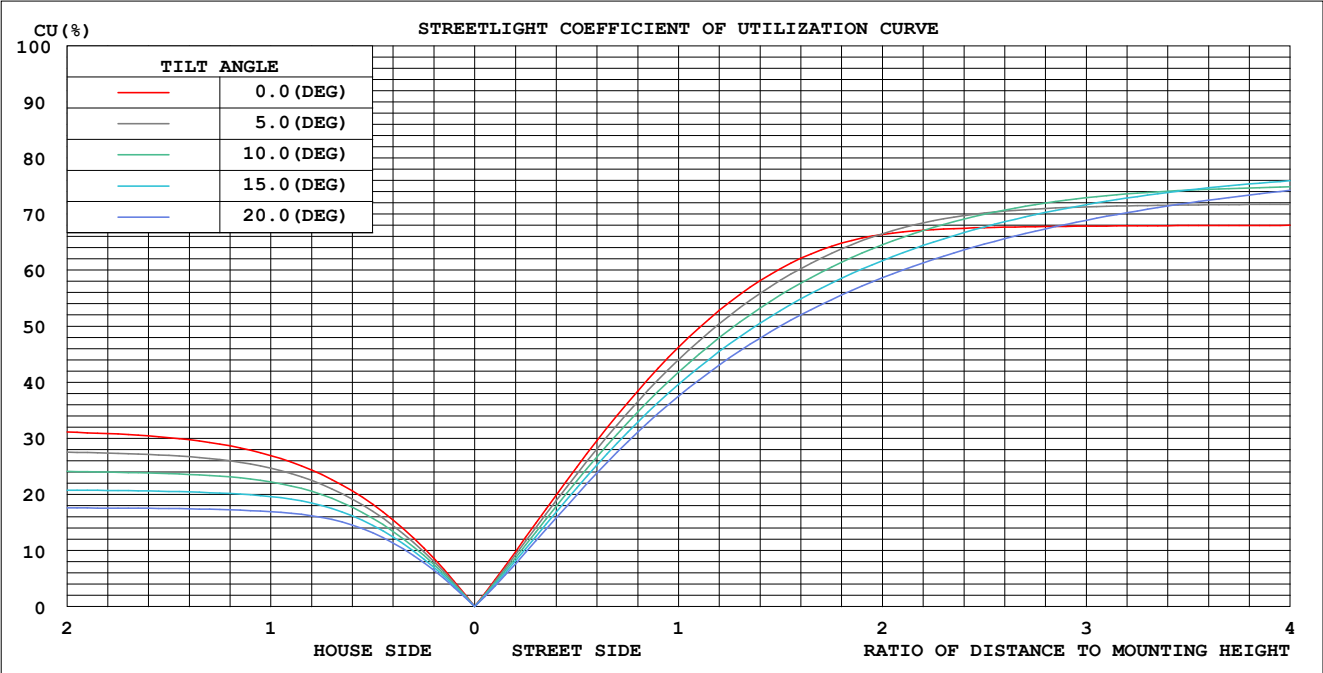
Classification:
IES:Type III - Very Short
CIE:Broad - Short
IES:Full cut-off
CIE:Full cut-off
Max.At80:6.464cd/klm
Max.At90:0cd/klm
Max.80-90:6.464cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	7327
90%	6594
80%	5862
70%	5129
60%	4396
50%	3663
40%	2931
30%	2198
20%	1465
10%	733
5%	366

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LI
Test Date:2020-04-23

γ Range: 0 - 90DEG
γ Interval: 0.1DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.426
Humidity:65.0%
Test Distance:26.000m [K=0.4589]
Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LI
Test Date: 2020-04-23

γ Range: 0 - 90DEG
 γ Interval: 0.1DEG
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

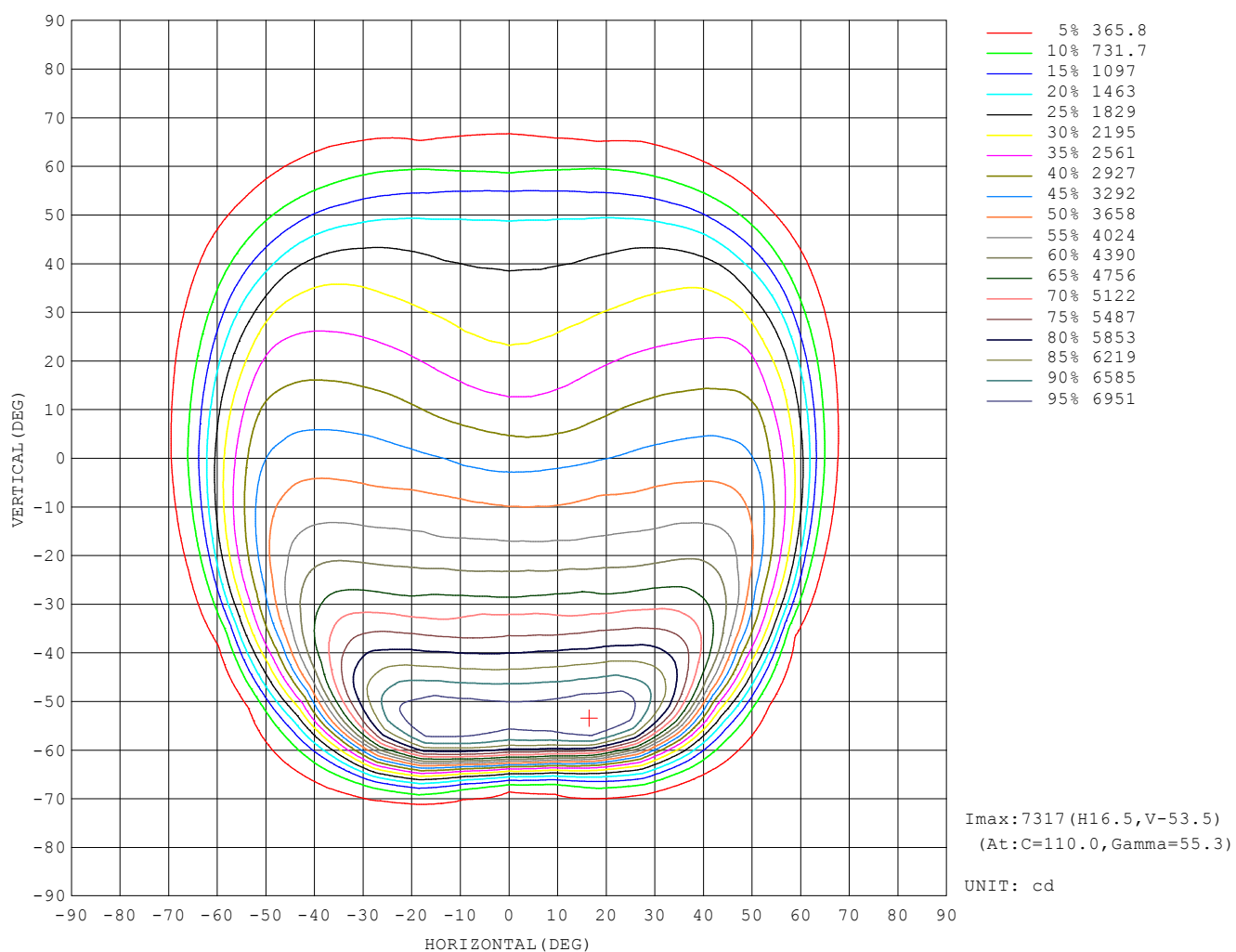
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	3166	3523	3666	3581	3234	2875	2679	2819	0- 10	303.0	303.0	2.42,2.42
20	3270	3897	4192	3957	3353	2682	2290	2623	10- 20	918.6	1222	9.78,9.78
30	3389	4364	4880	4389	3458	2525	2027	2474	20- 30	1558	2780	22.2,22.2
40	3449	5064	5853	5032	3486	2317	1786	2272	30- 40	2229	5009	40.1,40.1
50	3288	5832	6952	5616	3274	1992	1390	1989	40- 50	2911	7919	63.4,63.4
60	1928	4417	5756	3973	1918	1125	575.5	1131	50- 60	3068	10987	87.9,87.9
70	240.7	482.1	299.7	585.3	335.5	349.9	301.9	296.5	60- 70	1300	12287	98.3,98.3
80	43.93	43.68	60.86	60.98	71.71	74.23	72.79	54.04	70- 80	188.2	12476	99.9,99.9
90	0	0	0	0	0	0	0	0	80- 90	18.04	12494	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:LI
 Test Date:2020-04-23

γ Range: 0 - 90DEG
 γ Interval: 0.1DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:26.000m [K=0.4589]
 Remarks:

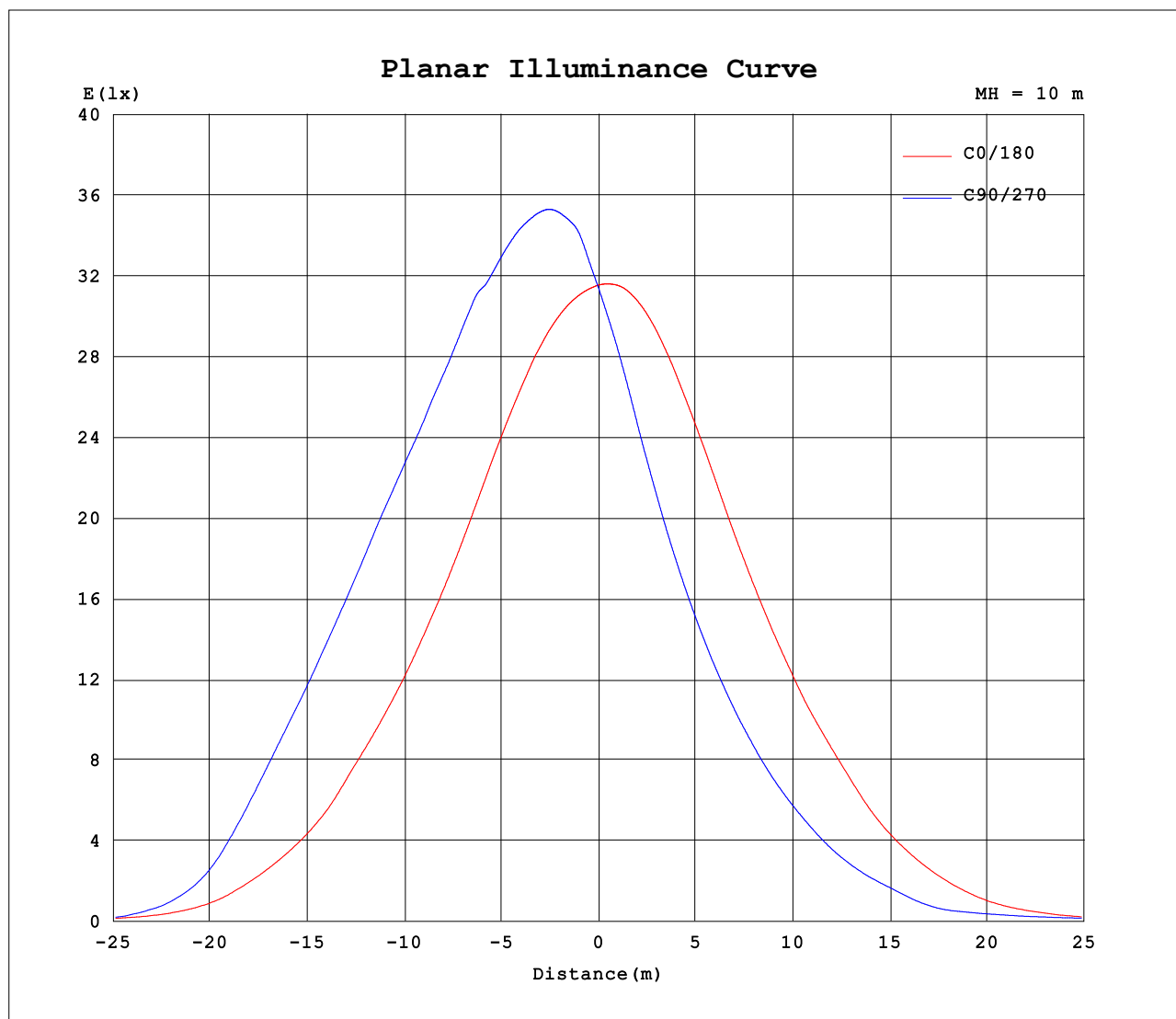
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LI
Test Date: 2020-04-23

γ Range: 0 - 90DEG
 γ Interval: 0.1DEG
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: LI
Test Date: 2020-04-23

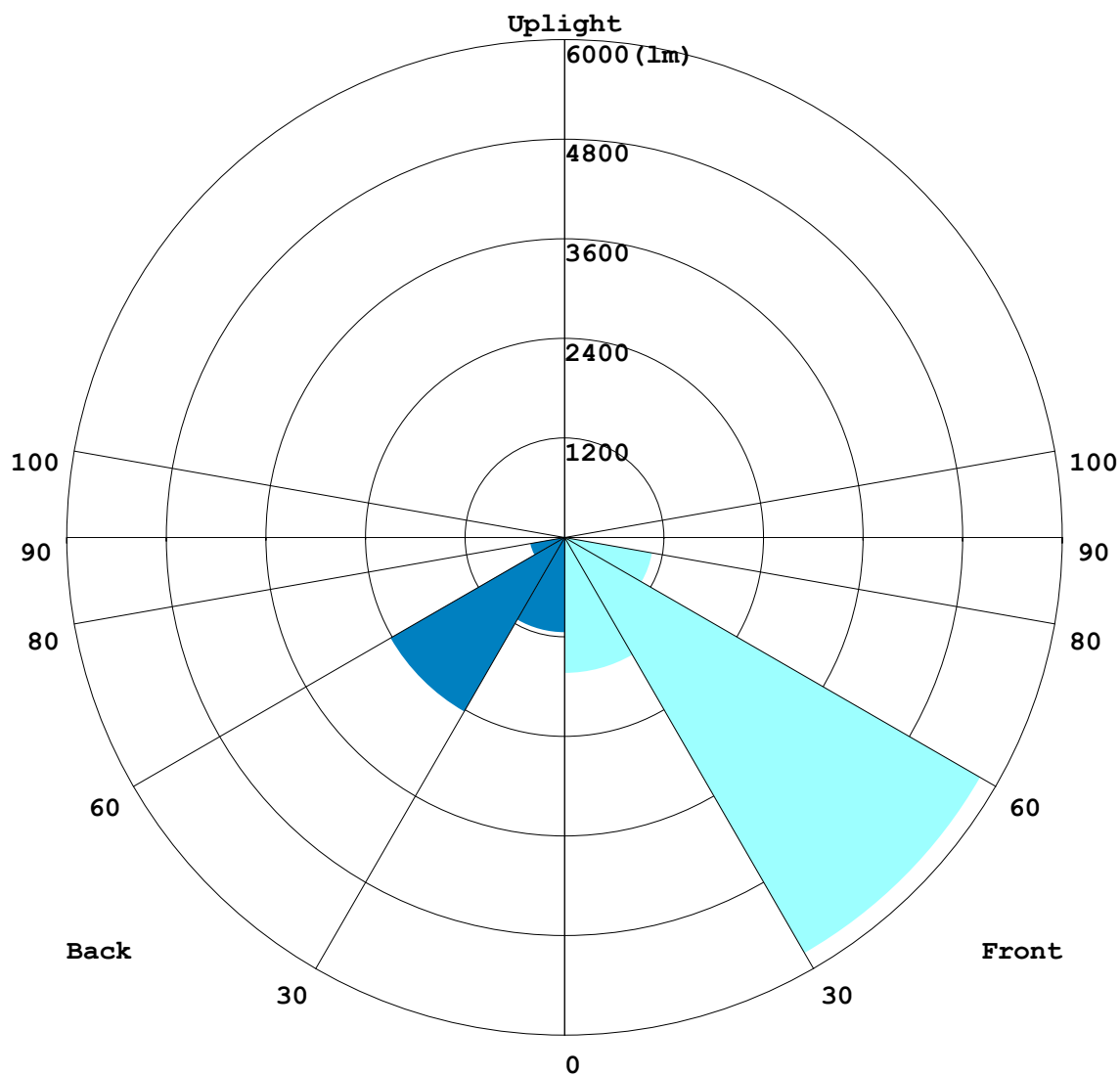
γ Range: 0 - 90DEG
 γ Interval: 0.1DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.426
Humidity: 65.0%
Test Distance: 26.000m [K=0.4589]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:229.8V I:0.4441A P:100.7W PF:0.9869 Freq:50.01Hz UTHDi:0.4978% ITHDi:6.288% Lamp Flux:12493.5x1 lm		
NAME: FL23-100-5070-F12801	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:LI
 Test Date:2020-04-23

γ Range: 0 - 90DEG
 γ Interval: 0.1DEG
 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:0.4441A P:100.7W PF:0.9869 Freq:50.01Hz UTHDi:0.4978% ITHDi:6.288% Lamp Flux:12493.5x1 lm		
NAME: FL23-100-5070-F12801	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1635.8	13.1
FM - Front-Medium(30-60)	5786.7	46.3
FH - Front-High(60-80)	1070.3	8.6
FVH - Front-Very High(80-90)	7.921	0.1
Total Forward Light	8500.7	68.0

BL - Back-Low(0-30)	1144	9.2
BM - Back-Medium(30-60)	2420.8	19.4
BH - Back-High(60-80)	417.98	3.3
BVH - Back-Very High(80-90)	10.116	0.1
Total Back Light	3992.9	32.0

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	3992.9	0	3992.9
Street Side	8500.7	0	8500.7

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LI
Test Date:2020-04-23

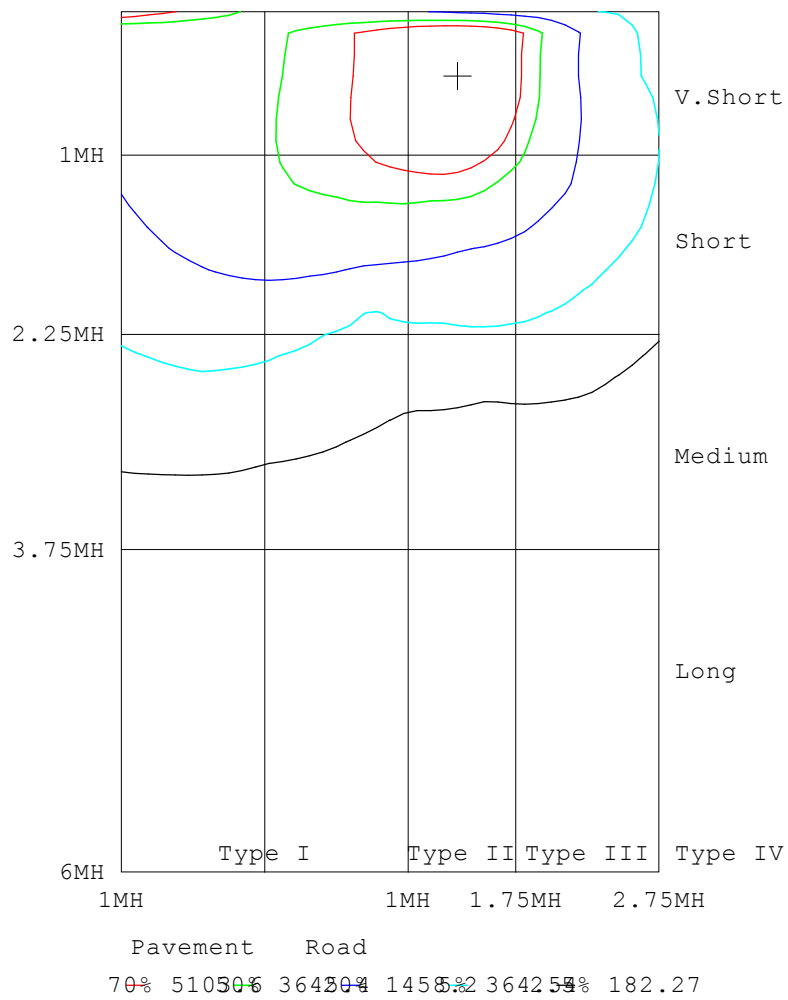
γ Range: 0 - 90DEG
γ Interval: 0.1DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.426
Humidity:65.0%
Test Distance:26.000m [K=0.4589]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:229.8V I:0.4441A P:100.7W PF:0.9869 Freq:50.01Hz UTHDi:0.4978% ITHDi:6.288% Lamp Flux:12493.5x1 lm		
NAME: FL23-100-5070-F12801	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:LI
Test Date:2020-04-23

γ Range: 0 - 90DEG
γ Interval: 0.1DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.426
Humidity:65.0%
Test Distance:26.000m [K=0.4589]
Remarks: