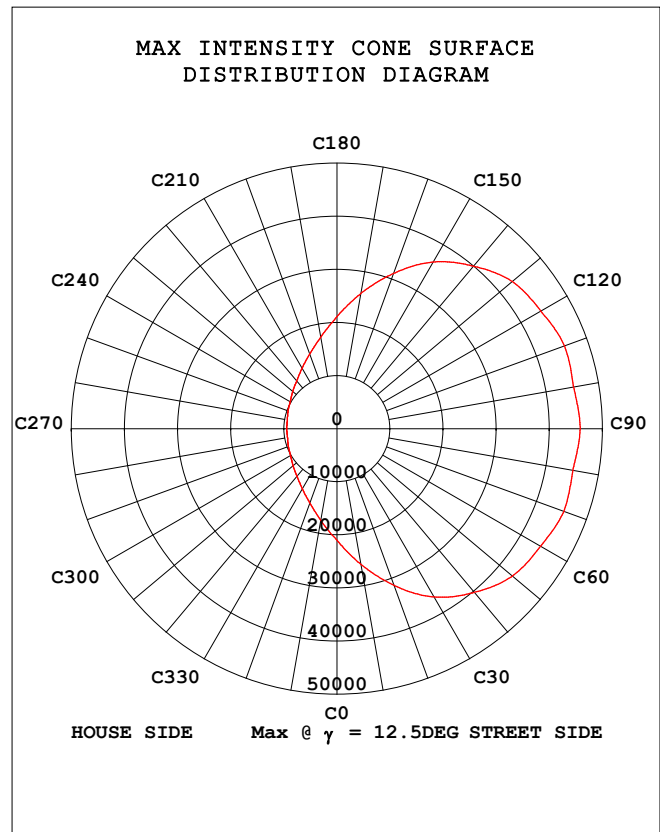
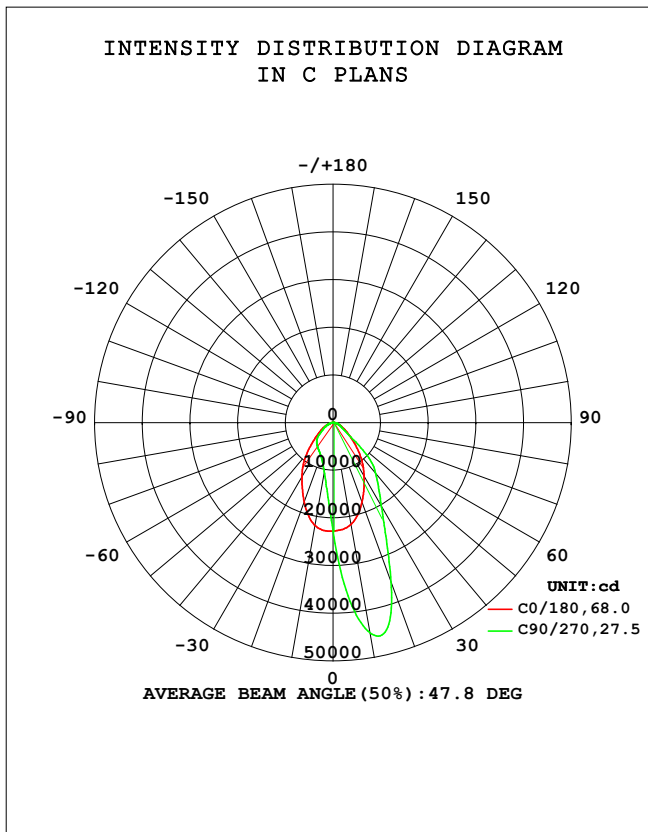


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:229.6V I:1.333A P:300.4W PF:0.9814 Freq:50.01Hz UTHDi:0% ITHDi:0% Lamp Flux:37414.8x1 lm		
NAME: FL23-300-5070-F38403	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

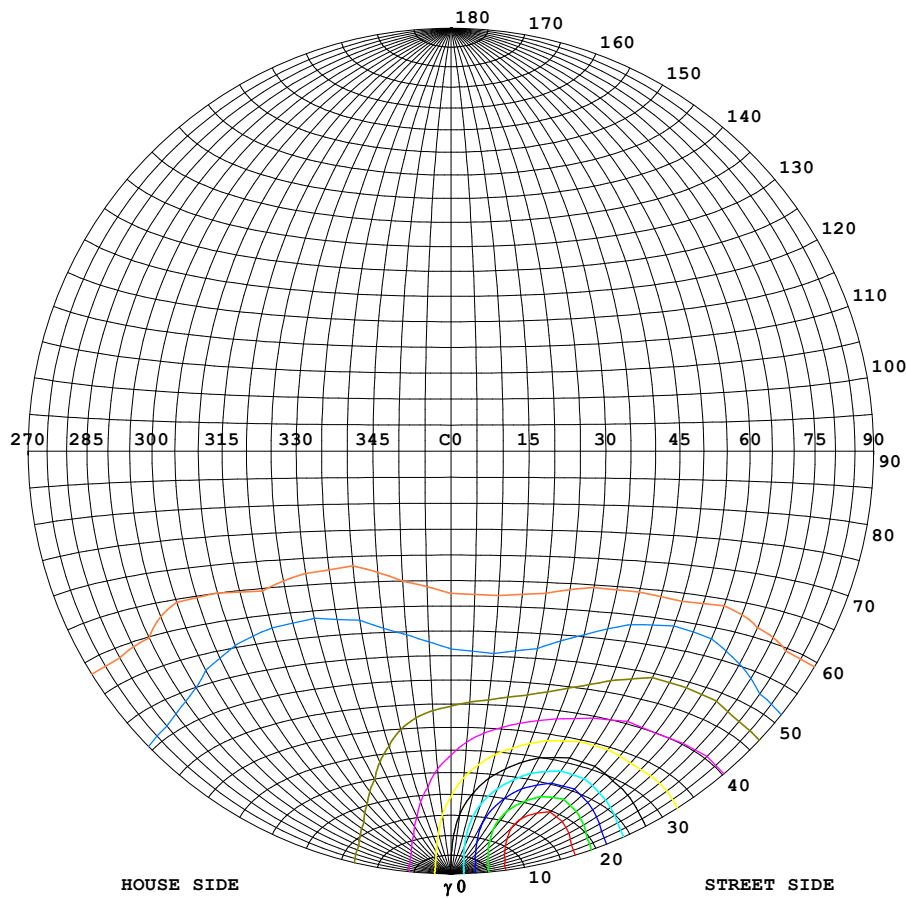
DATA OF LAMP		PHOTOMETRIC DATA Eff: 124.54 lm/W			
MODEL	RF303	Imax(cd)	45805	η street_up(%)	0.0
NOMINAL POWER(W)	300	LOR(%)	100.0	η street_down(%)	66.7
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	37415	η house_up(%)	0.0
NOMINAL FLUX(lm)	37414.8	MAXIMUM @ (C, γ)	90,12.5	η house_down(%)	33.3
LAMPS INSIDE	1	η 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: 2020-06-16

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



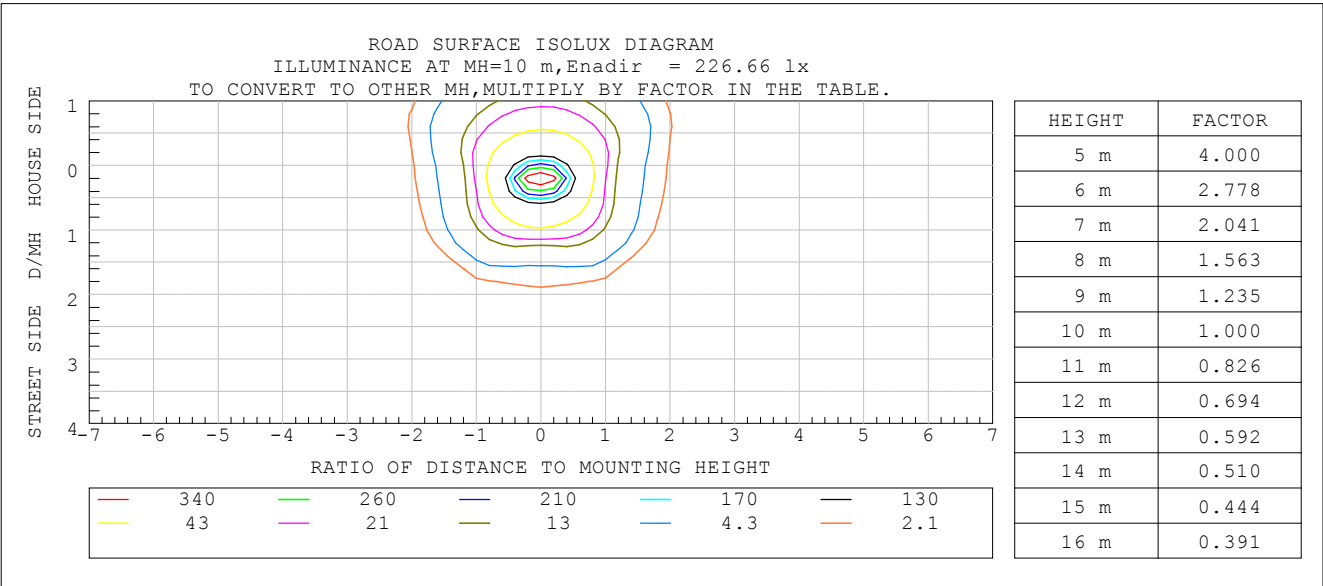
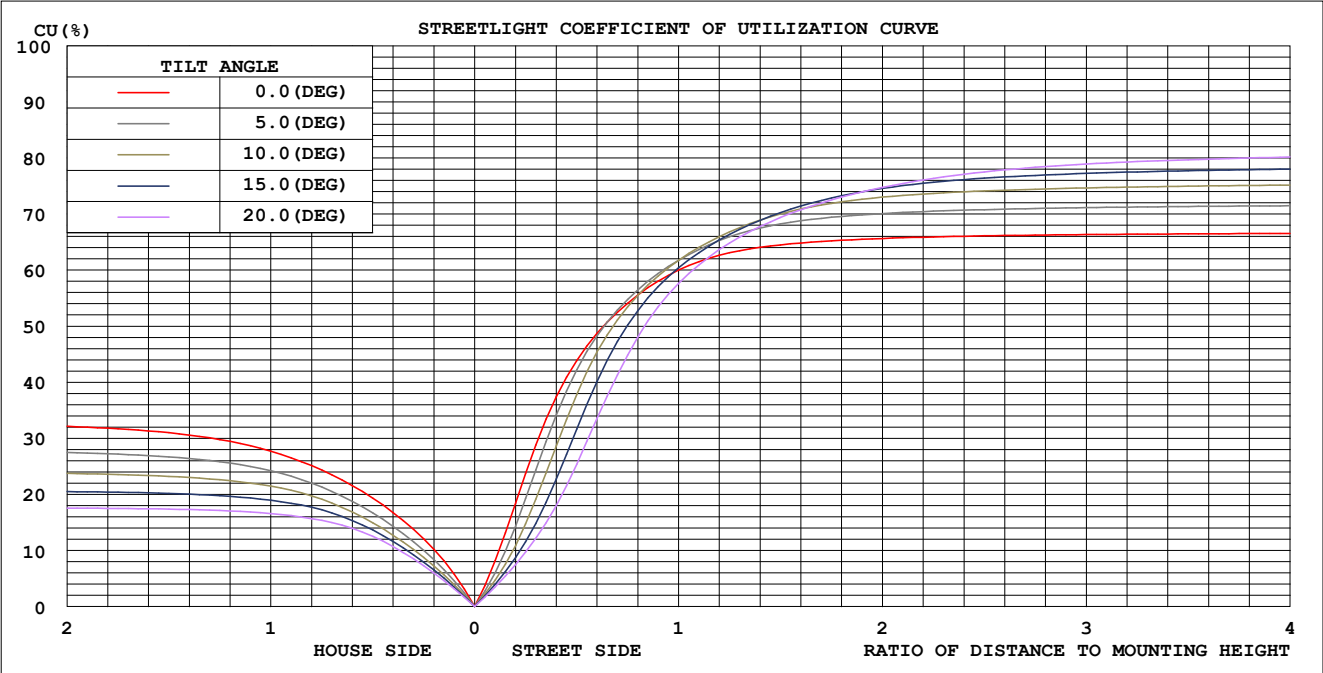
Classification:
IES:Type I - Very Short
CIE:Narrow - Short
IES:Full cut-off
CIE:Full cut-off
Max.At80:12.24cd/klm
Max.At90:0cd/klm
Max.80-90:12.24cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	45805
90%	41224
80%	36644
70%	32063
60%	27483
50%	22902
40%	18322
30%	13741
20%	9161
10%	4580
5%	2290

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LI
Test Date:2020-06-16

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:

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: 2020-06-16

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

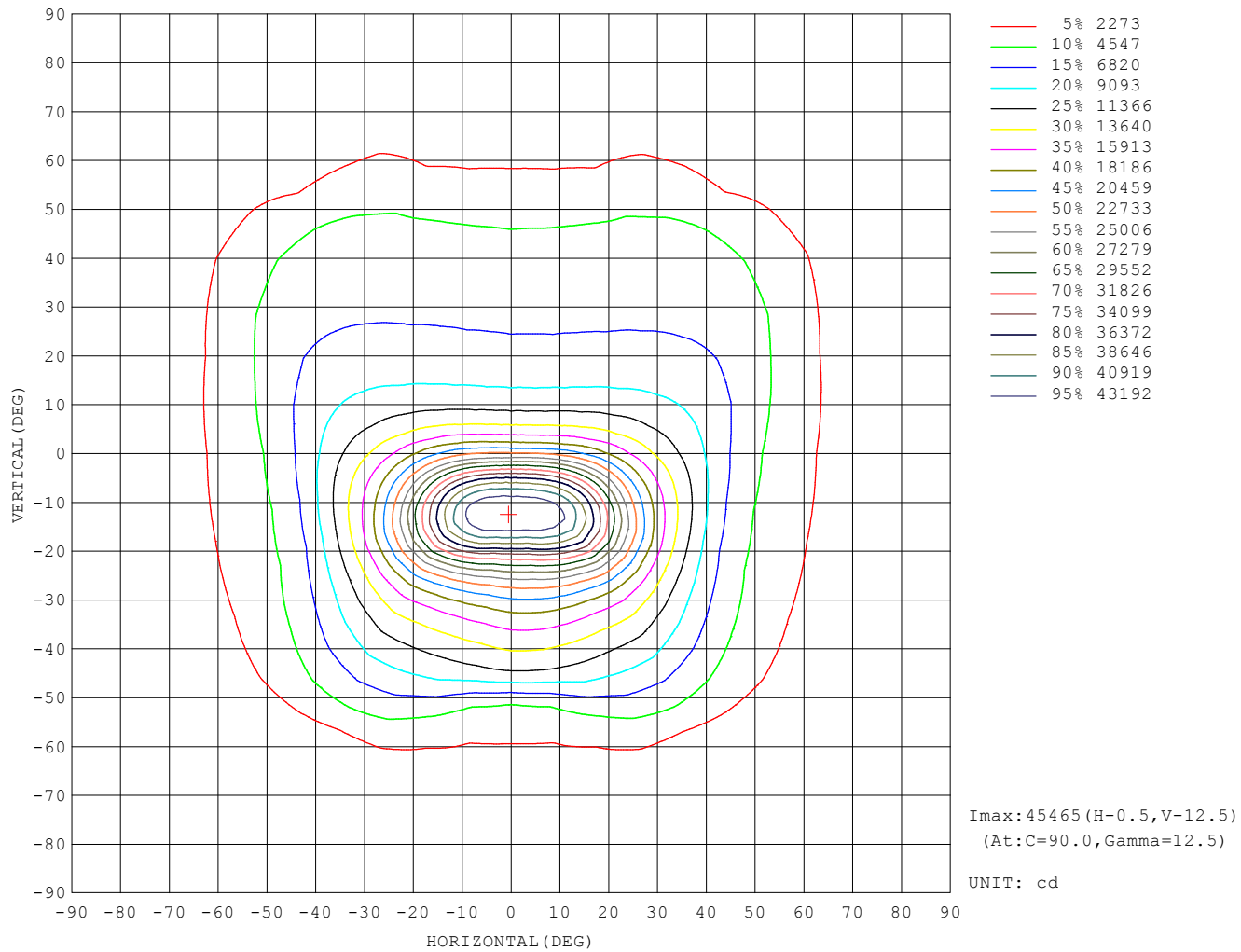
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	2171	3965	4474	3986	2191	1262	1065	1254	0- 10	2354	2354	6.29,6.29
20	1780	3981	3564	3795	1774	898.8	747.3	886.9	10- 20	6868	9222	24.6,24.6
30	1308	2414	2040	2236	1307	737.6	628.9	724.2	20- 30	8132	17353	46.4,46.4
40	883.5	1368	1397	1315	864.7	636.4	538.1	626.3	30- 40	7242	24595	65.7,65.7
50	493.9	830.4	577.5	825.5	469.7	541.5	358.3	536.3	40- 50	5919	30515	81.6,81.6
60	267.7	392.0	222.6	389.8	261.3	382.5	210.8	390.6	50- 60	3960	34475	92.1,92.1
70	125.2	107.1	118.5	106.1	122.7	124.6	113.9	130.9	60- 70	2061	36536	97.7,97.7
80	42.73	28.42	39.62	27.96	45.81	31.78	37.67	33.45	70- 80	766.3	37303	99.7,99.7
90	0	0	0	0	0	0	0	0	80- 90	112.2	37415	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:×10cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LI
 Test Date:2020-06-16

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

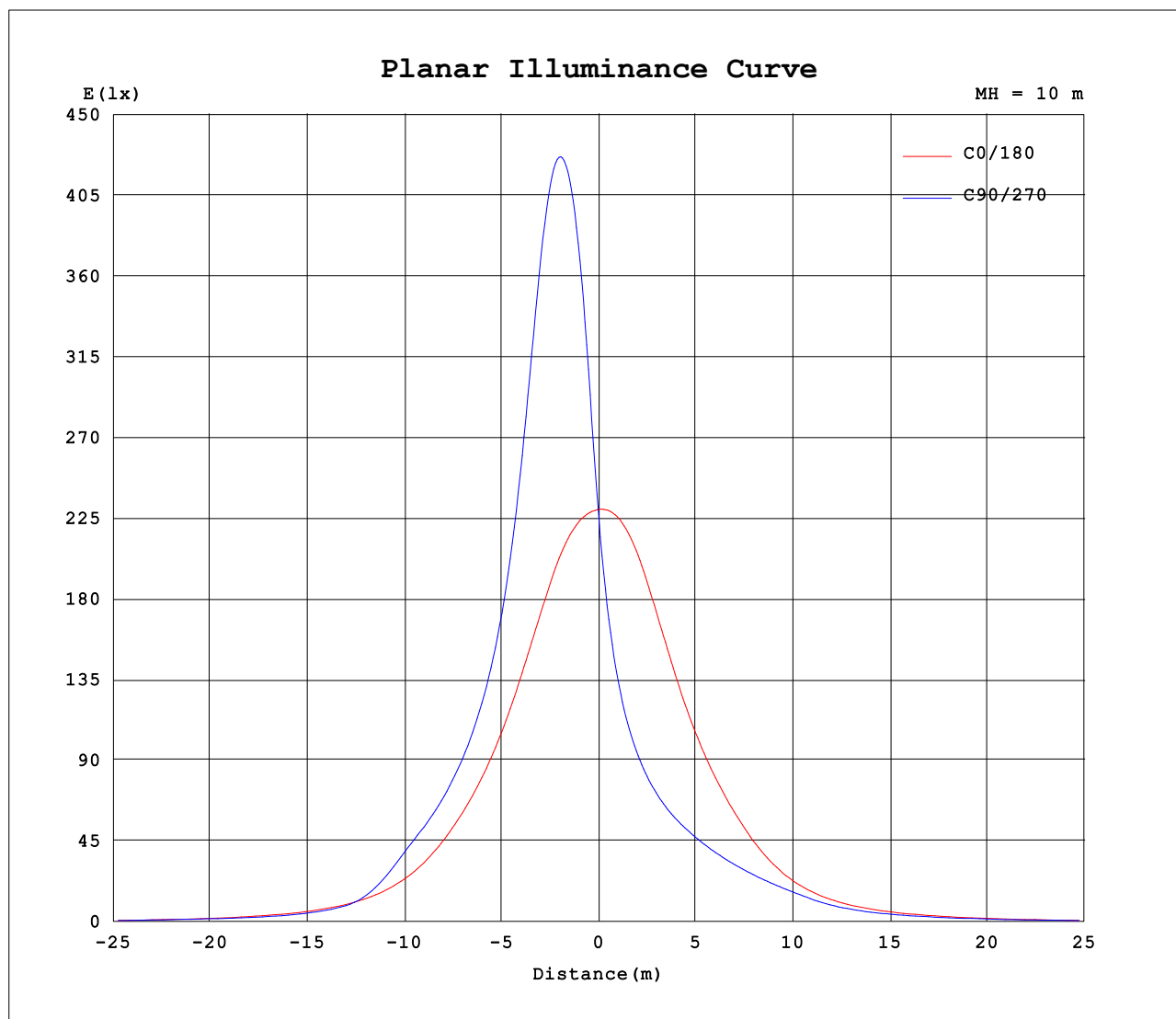
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LI
Test Date:2020-06-16

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: LI
Test Date: 2020-06-16

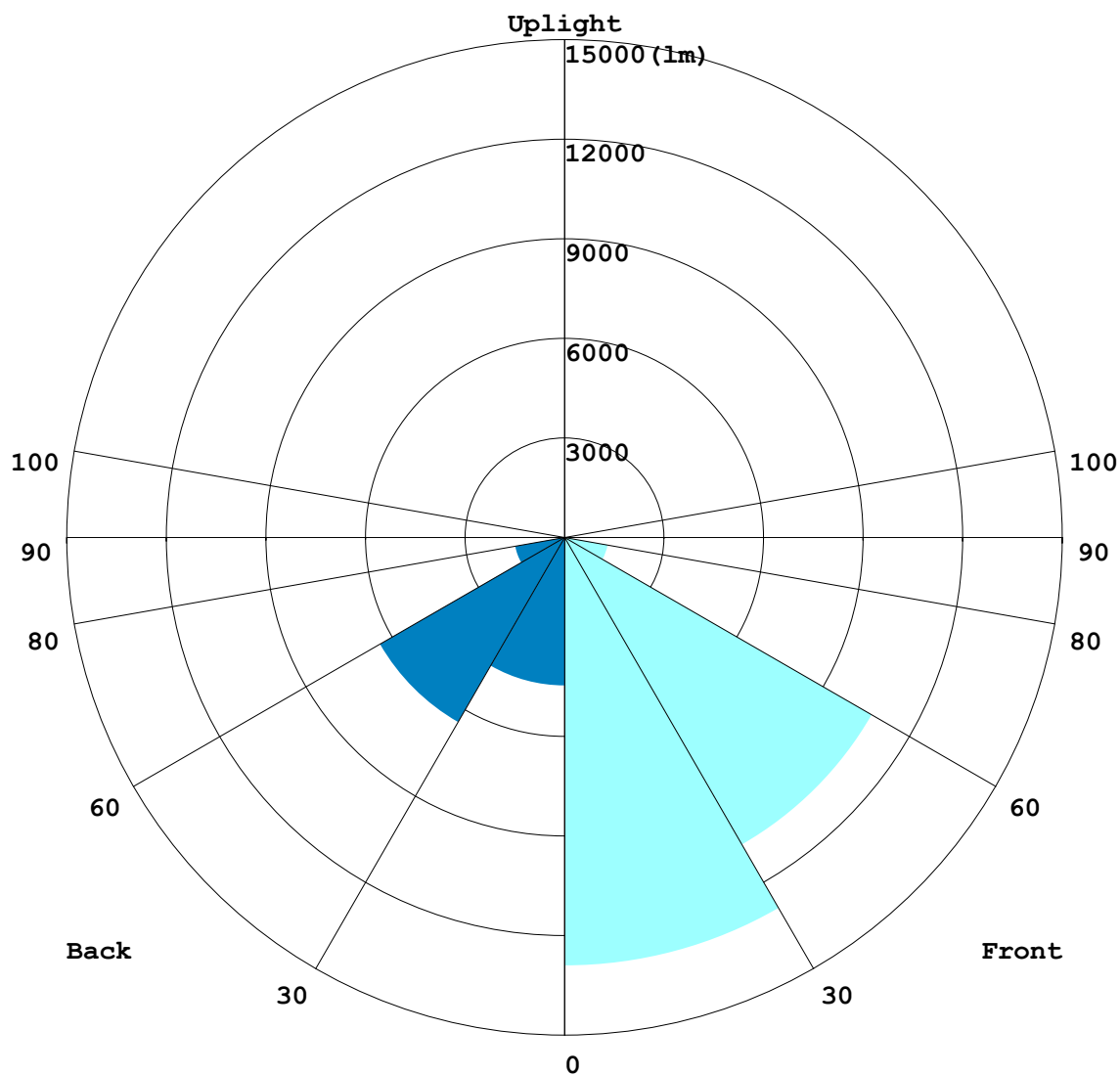
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.426
Humidity: 65.0%
Test Distance: 26.000m [K=0.4589]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:229.6V I:1.333A P:300.4W PF:0.9814 Freq:50.01Hz UTHDi:0% ITHDi:0% Lamp Flux:37414.8x1 lm		
NAME: FL23-300-5070-F38403	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:2020-06-16

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:229.6V I:1.333A P:300.4W PF:0.9814 Freq:50.01Hz UTHDi:0% ITHDi:0% Lamp Flux:37414.8x1 lm		
NAME: FL23-300-5070-F38403	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	12893	34.5
FM - Front-Medium(30-60)	10693	28.6
FH - Front-High(60-80)	1321.2	3.5
FVH - Front-Very High(80-90)	50.018	0.1
Total Forward Light	24957	66.7

BL - Back-Low(0-30)	4460.7	11.9
BM - Back-Medium(30-60)	6428.2	17.2
BH - Back-High(60-80)	1506.3	4.0
BVH - Back-Very High(80-90)	62.194	0.2
Total Back Light	12457	33.3

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	B4-U0-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	12457	0	12457
Street Side	24957	0	24957

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LI
 Test Date:2020-06-16

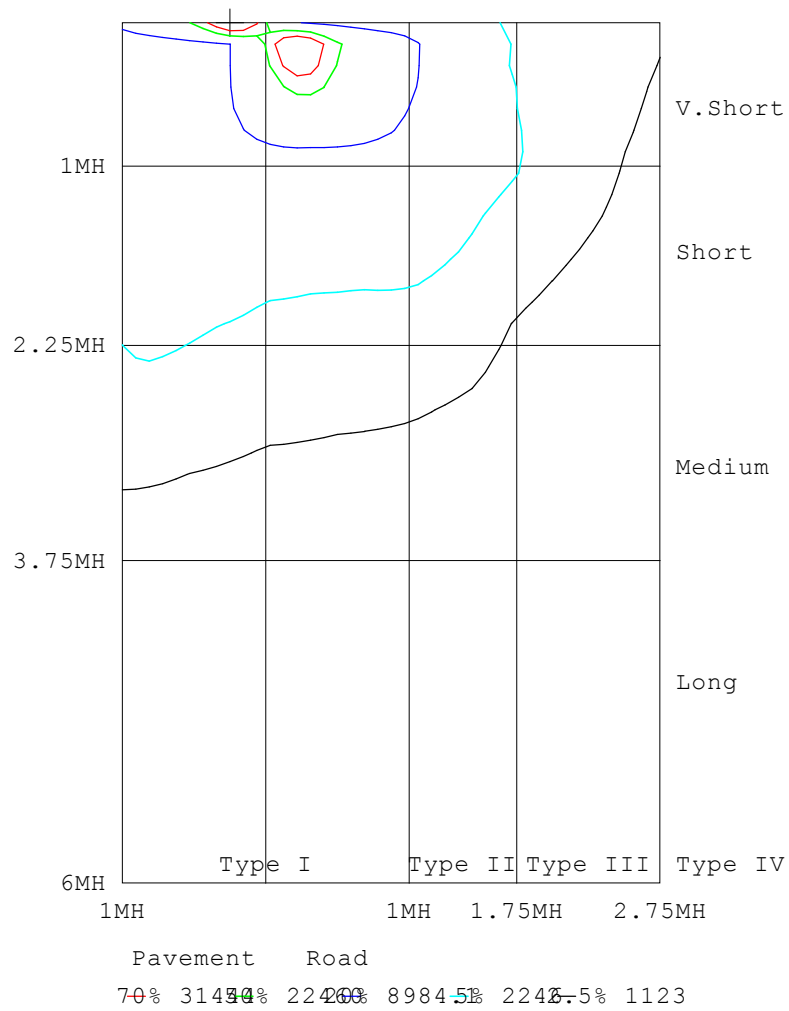
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:26.000m [K=0.4589]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:229.6V I:1.333A P:300.4W PF:0.9814 Freq:50.01Hz UTHDi:0% ITHDi:0% Lamp Flux:37414.8x1 lm		
NAME: FL23-300-5070-F38403	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:2020-06-16

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: