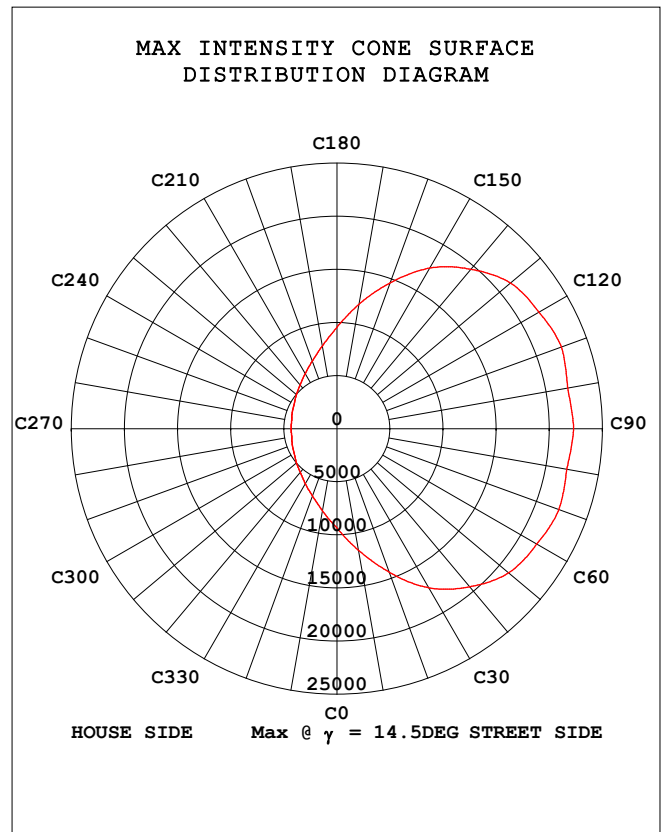
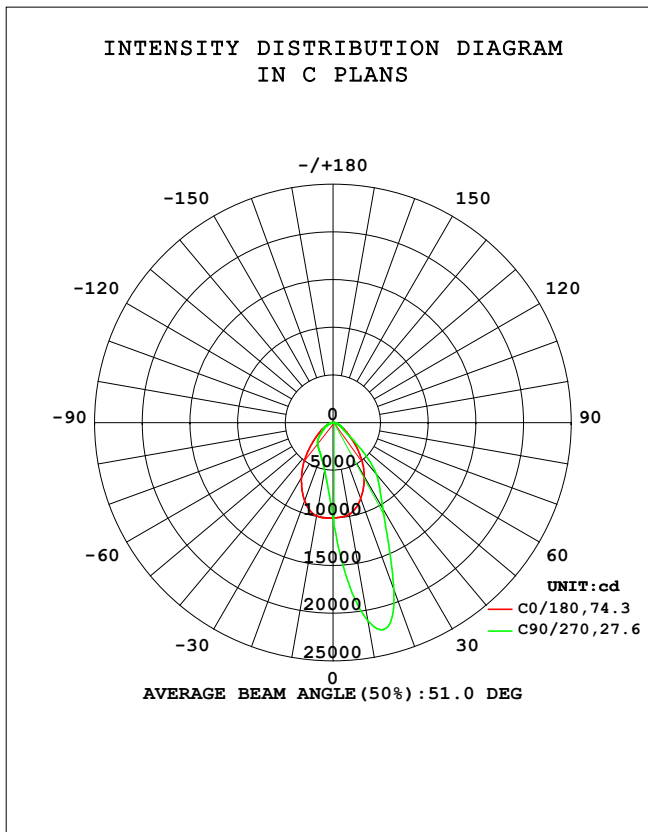


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:229.7V I:0.6658A P:151.2W PF:0.9889 Freq:50.01Hz UTHDi:0% ITHDi:0% Lamp Flux:18259.7x1 lm		
NAME: FL23-150-5070-F19203	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

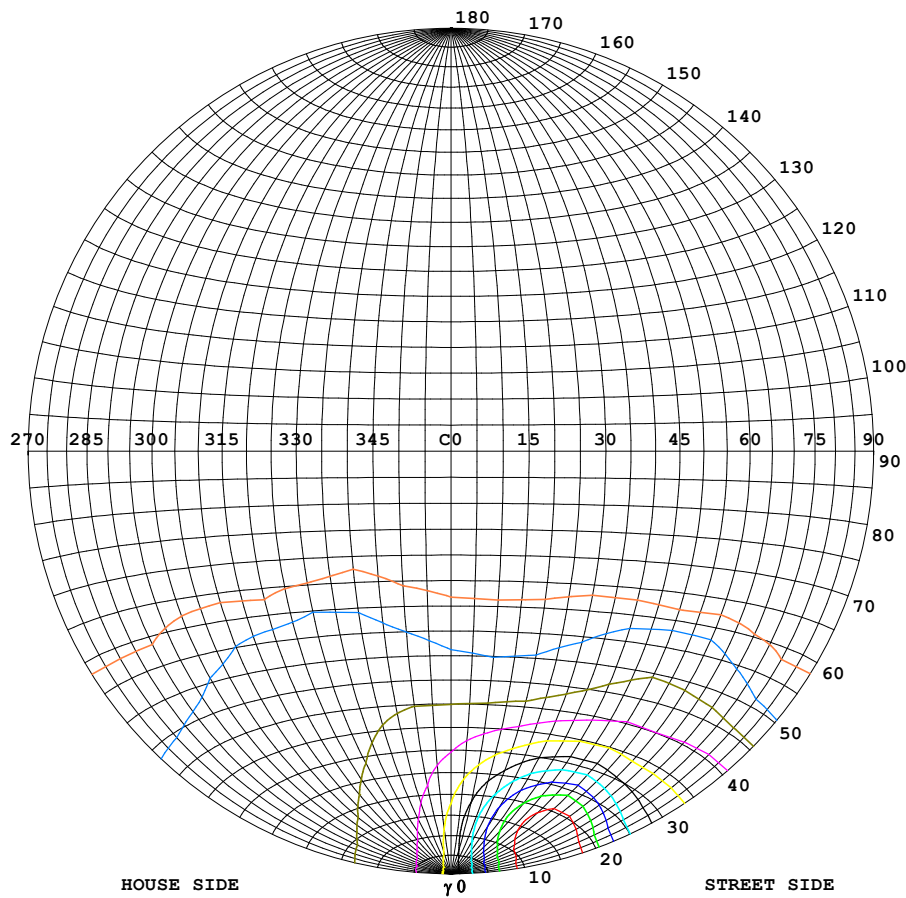
DATA OF LAMP		PHOTOMETRIC DATA Eff: 120.73 lm/W			
MODEL	RF303	Imax (cd)	22487	η street_up (%)	0.0
NOMINAL POWER (W)	150	LOR (%)	100.0	η street_down (%)	66.6
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	18260	η house_up (%)	0.0
NOMINAL FLUX (lm)	18259.7	MAXIMUM @ (C, γ)	110,14.5	η house_down (%)	33.4
LAMPS 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: 2020-06-23

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



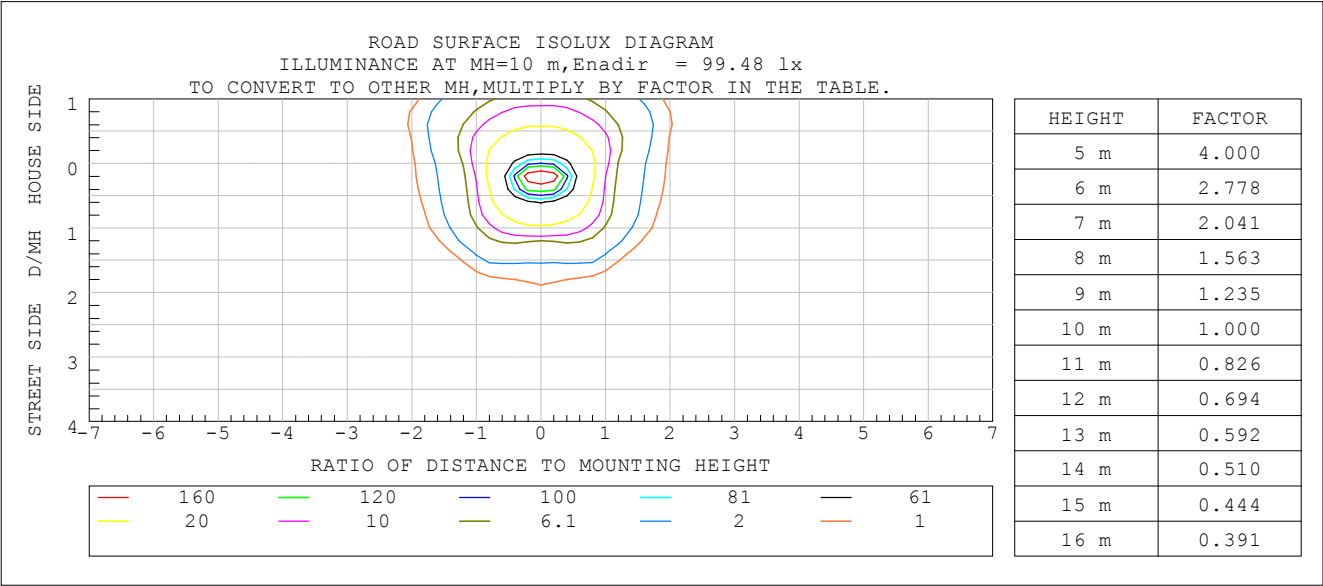
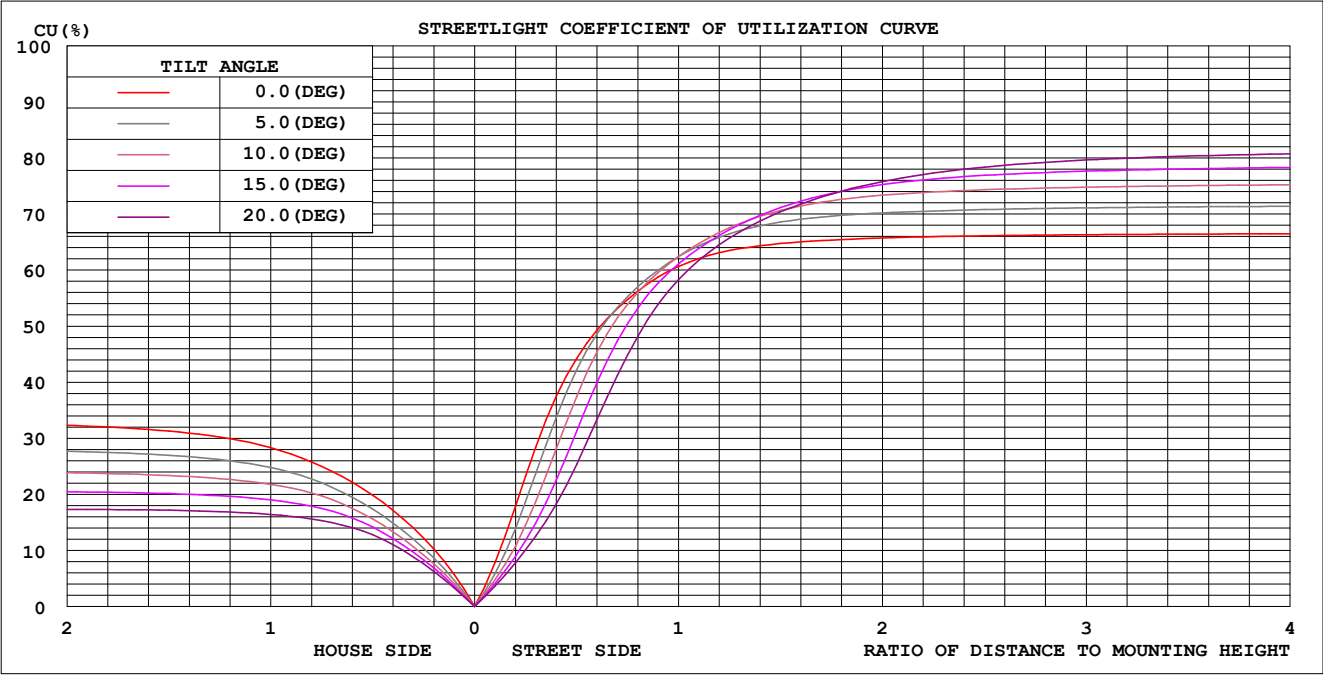
Classification:
IES:Type I - Very Short
CIE:Narrow - Short
IES:Full cut-off
CIE:Full cut-off
Max.At80:15.30cd/klm
Max.At90:0cd/klm
Max.80-90:15.30cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	22487
90%	20238
80%	17989
70%	15741
60%	13492
50%	11243
40%	8995
30%	6746
20%	4497
10%	2249
5%	1124

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYJ
Test Date:2020-06-23

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: LYJ
Test Date: 2020-06-23

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

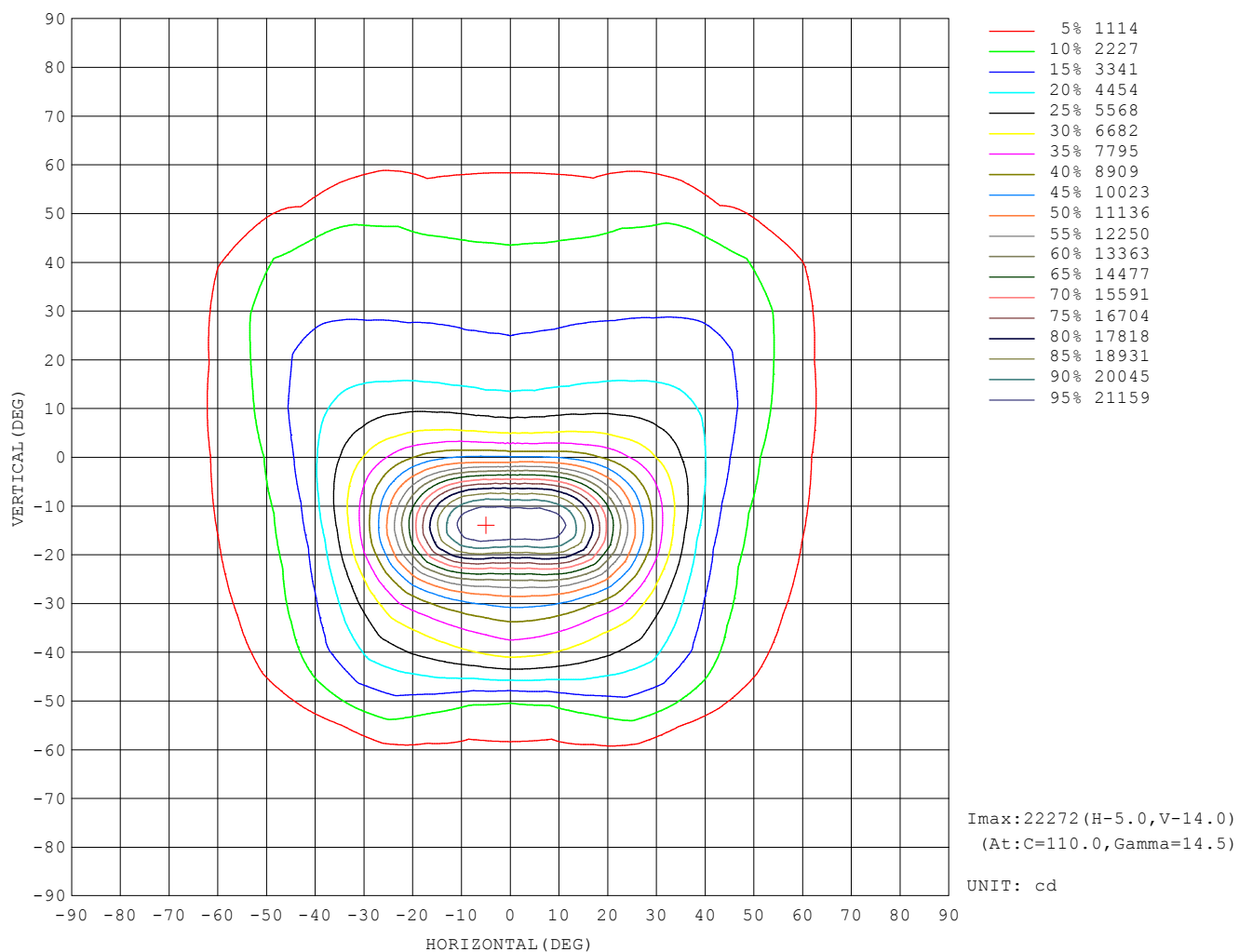
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	978.1	1828	2110	1849	994.4	599.6	512.1	597.5	0- 10	1065	1065	5.83,5.83
20	850.1	1972	1866	1961	872.3	454.4	372.2	456.1	10- 20	3349	4414	24.2,24.2
30	656.4	1228	1050	1198	663.5	373.2	308.5	379.6	20- 30	4177	8591	47.1,47.1
40	441.6	663.1	715.1	655.6	430.7	317.6	255.1	323.3	30- 40	3658	12250	67.1,67.1
50	240.8	400.5	242.6	398.7	228.0	266.0	157.4	271.0	40- 50	2864	15114	82.8,82.8
60	125.3	162.0	104.2	157.9	121.7	156.9	103.4	164.5	50- 60	1867	16981	93,93
70	57.30	43.03	55.34	42.32	56.14	55.24	57.60	56.98	60- 70	900.4	17882	97.9,97.9
80	27.07	10.82	12.52	10.41	27.93	14.62	19.07	15.49	70- 80	332.7	18214	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	45.24	18260	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:LYJ
 Test Date:2020-06-23

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

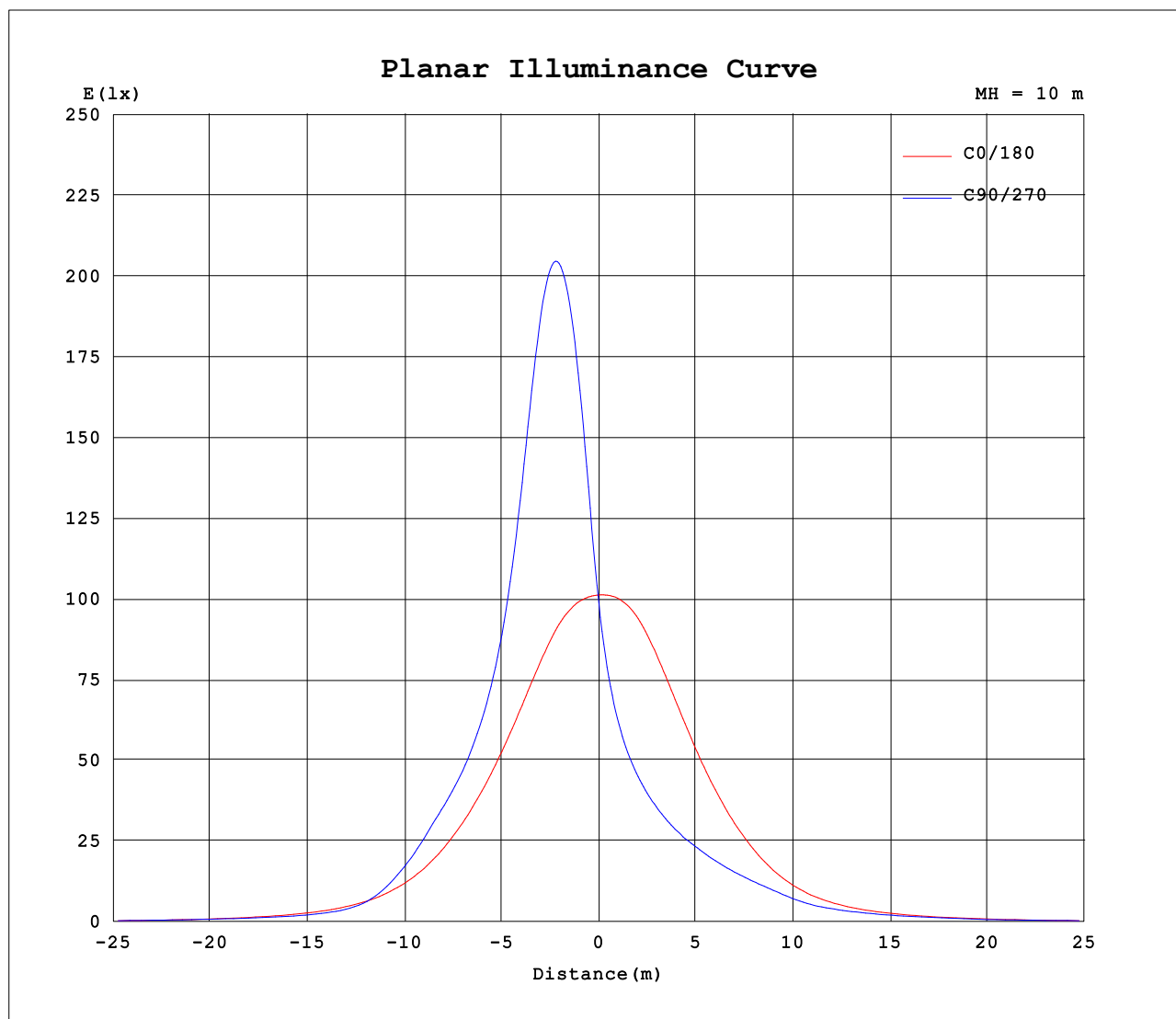
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYJ
Test Date:2020-06-23

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: 2020-06-23

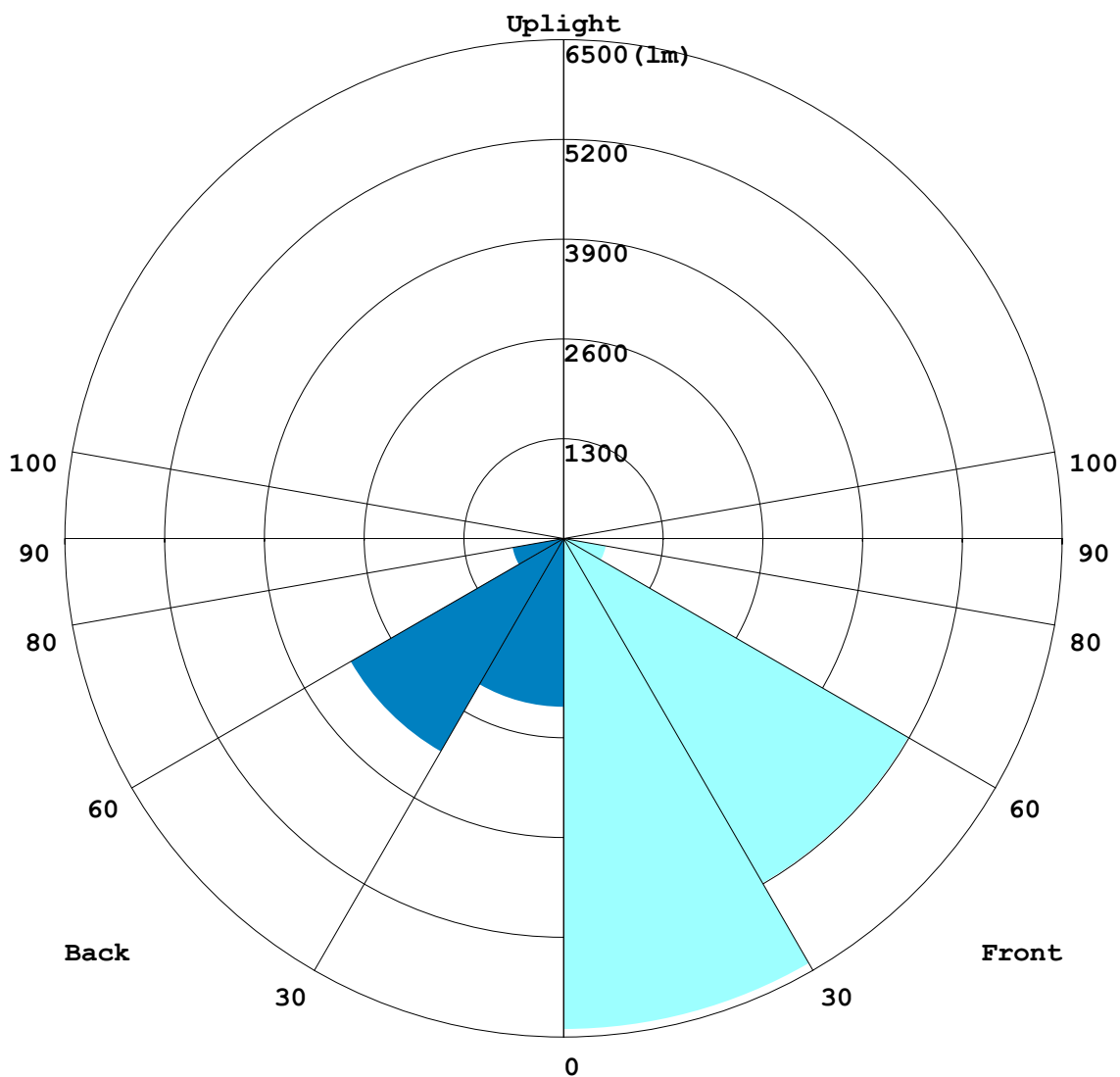
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.426
Humidity: 65.0%
Test Distance: 26.000m [K=0.4589]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:229.7V I:0.6658A P:151.2W PF:0.9889 Freq:50.01Hz UTHDi:0% ITHDi:0% Lamp Flux:18259.7x1 lm		
NAME: FL23-150-5070-F19203	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:2020-06-23

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:229.7V I:0.6658A P:151.2W PF:0.9889 Freq:50.01Hz UTHDi:0% ITHDi:0% Lamp Flux:18259.7x1 lm		
NAME: FL23-150-5070-F19203	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	6394.5	35.0
FM - Front-Medium(30-60)	5186	28.4
FH - Front-High(60-80)	559.76	3.1
FVH - Front-Very High(80-90)	17.285	0.1
Total Forward Light	12158	66.6

BL - Back-Low(0-30)	2197	12.0
BM - Back-Medium(30-60)	3203.8	17.5
BH - Back-High(60-80)	673.36	3.7
BVH - Back-Very High(80-90)	27.951	0.2
Total Back Light	6102.1	33.4

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-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	6102.1	0	6102.1
Street Side	12158	0	12158

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LYJ
 Test Date:2020-06-23

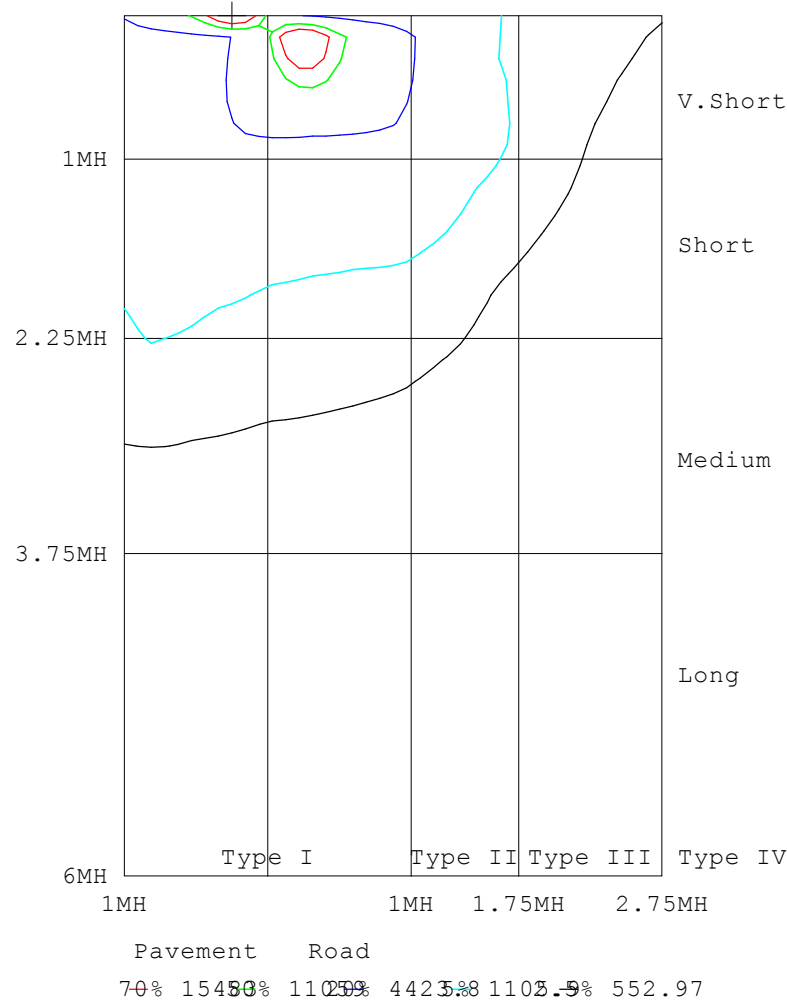
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:26.000m [K=0.4589]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:229.7V I:0.6658A P:151.2W PF:0.9889 Freq:50.01Hz UTHDi:0% ITHDi:0% Lamp Flux:18259.7x1 lm		
NAME: FL23-150-5070-F19203	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:2020-06-23

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: