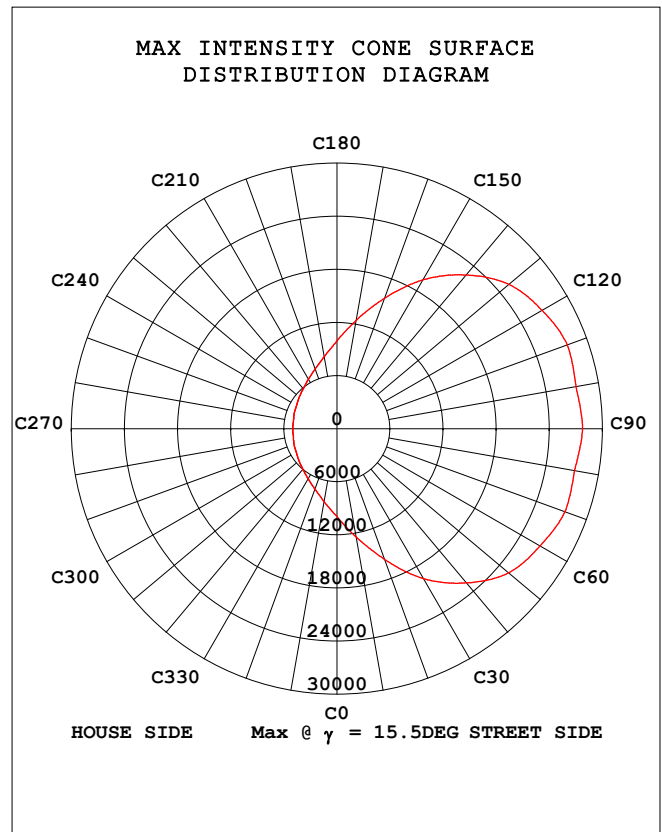
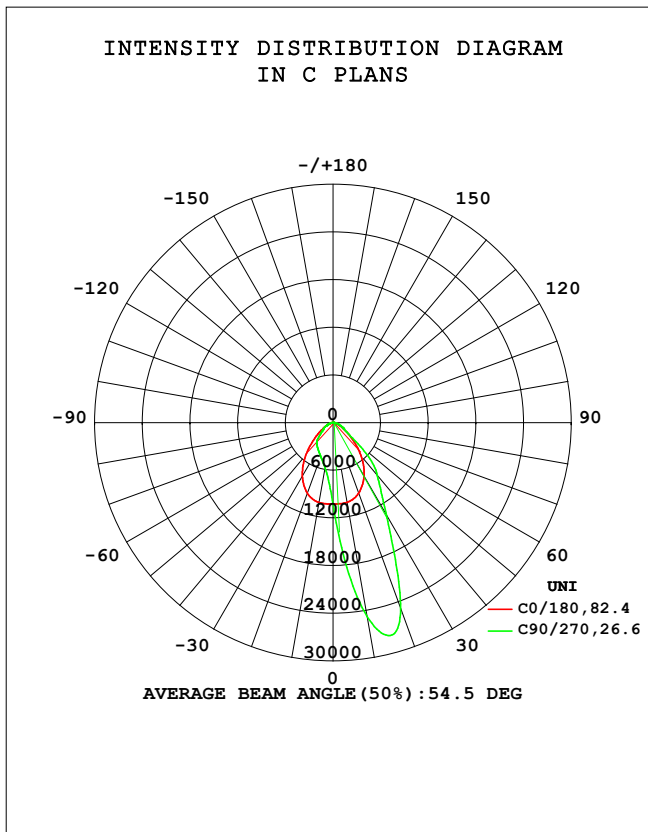


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:229.7V I:0.6653A P:151.1W PF:0.9887 Freq:50.01Hz UTHDi:0% ITHDi:0% Lamp Flux:22478.2x1 lm					
NAME: FL23-150-5070-F19203		TYPE:		WEIGHT:	
SPEC.:		DIM.:		SERIAL No.:	
MFR.:		SUR.:		Shielding Angle:	

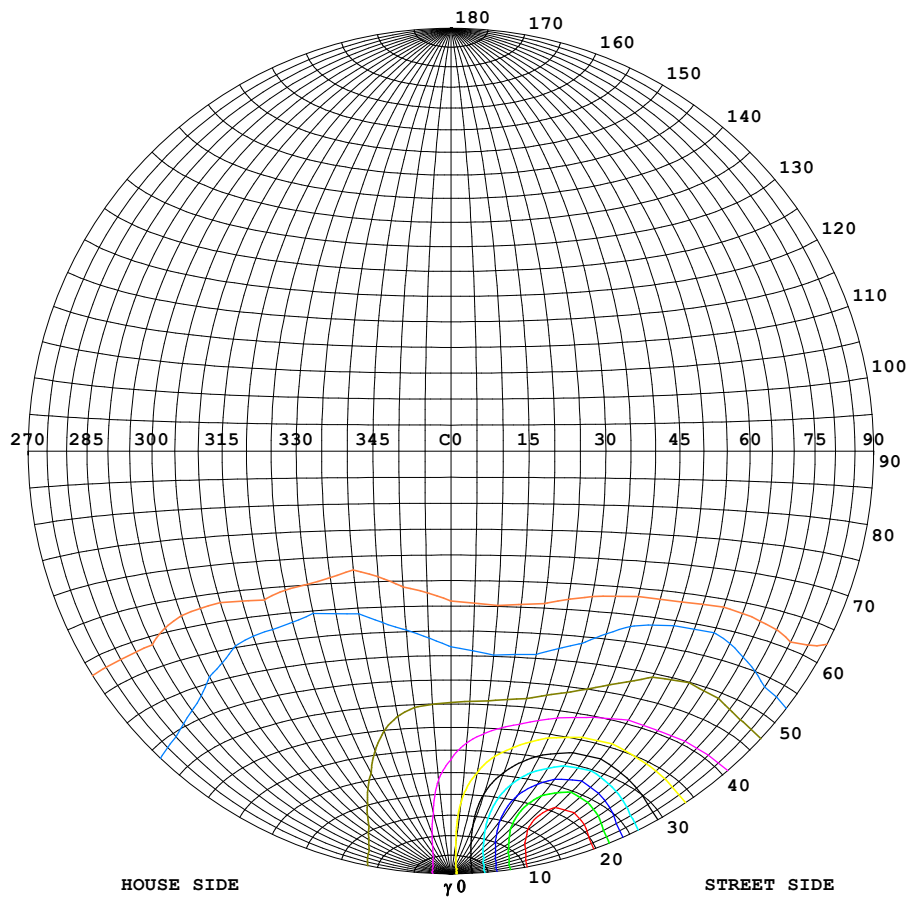
DATA OF LAMP		PHOTOMETRIC DATA Eff: 148.78 lm/W			
MODEL	-	Imax (cd)	27743	η street_up (%)	0.0
NOMINAL POWER (W)	150	LOR (%)	100.0	η street_down (%)	67.7
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	22478	η house_up (%)	0.0
NOMINAL FLUX (lm)	22478.2	MAXIMUM @ (C, γ)	90, 15.5	η house_down (%)	32.3
LAMPS INSIDE	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: LYJ
Test Date: 2020-08-31

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=0.4574]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM



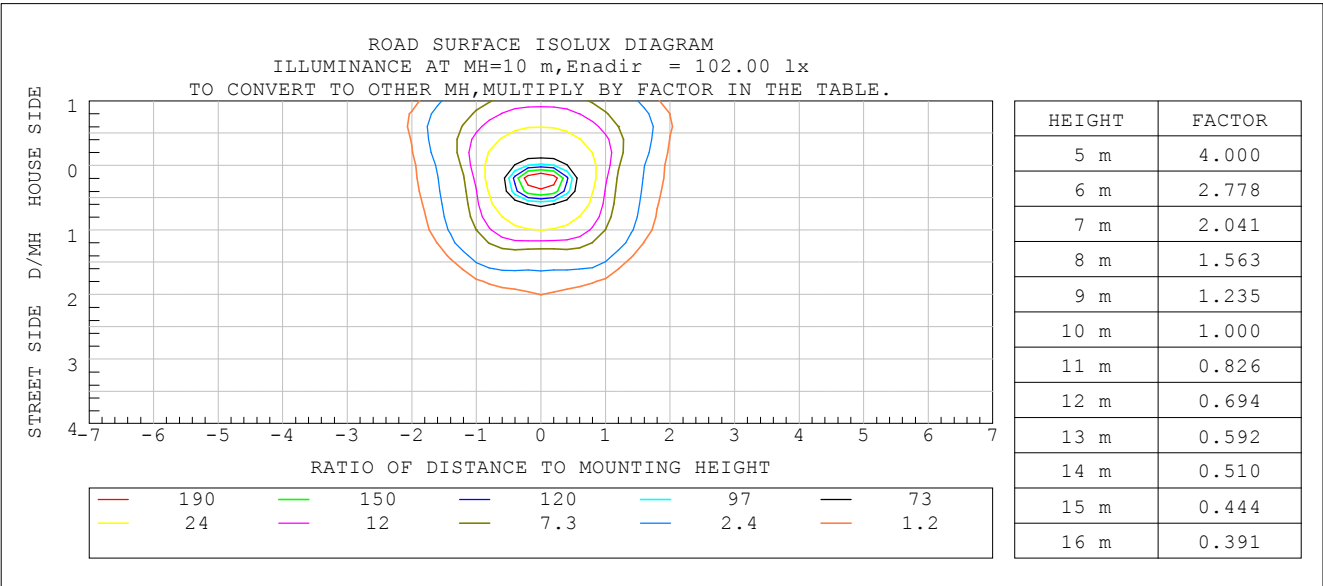
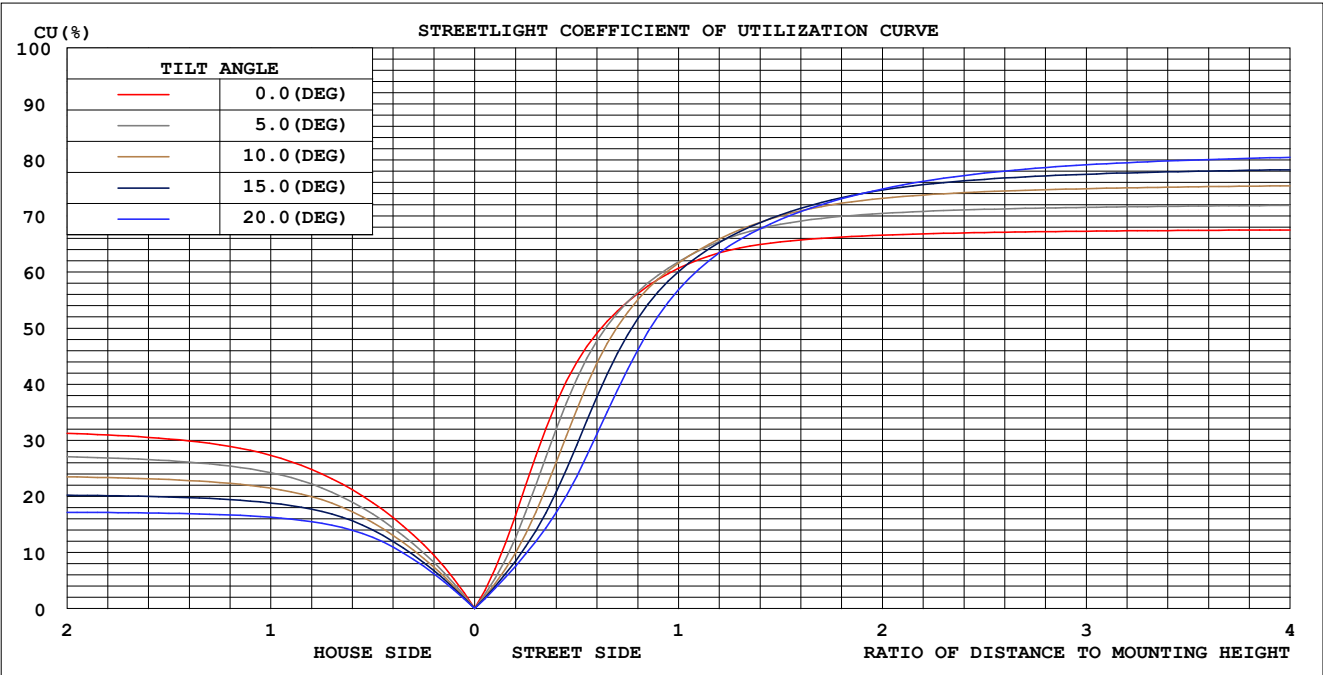
Classification:
IES:Type I - Very Short
CIE:Narrow - Short
IES:Full cut-off
CIE:Full cut-off
Max.At80:12.23cd/klm
Max.At90:0cd/klm
Max.80-90:12.23cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	27743
90%	24969
80%	22194
70%	19420
60%	16646
50%	13872
40%	11097
30%	8323
20%	5549
10%	2774
5%	1387

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYJ
Test Date:2020-08-31

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=0.4574]
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: 2020-08-31

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=0.4574]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

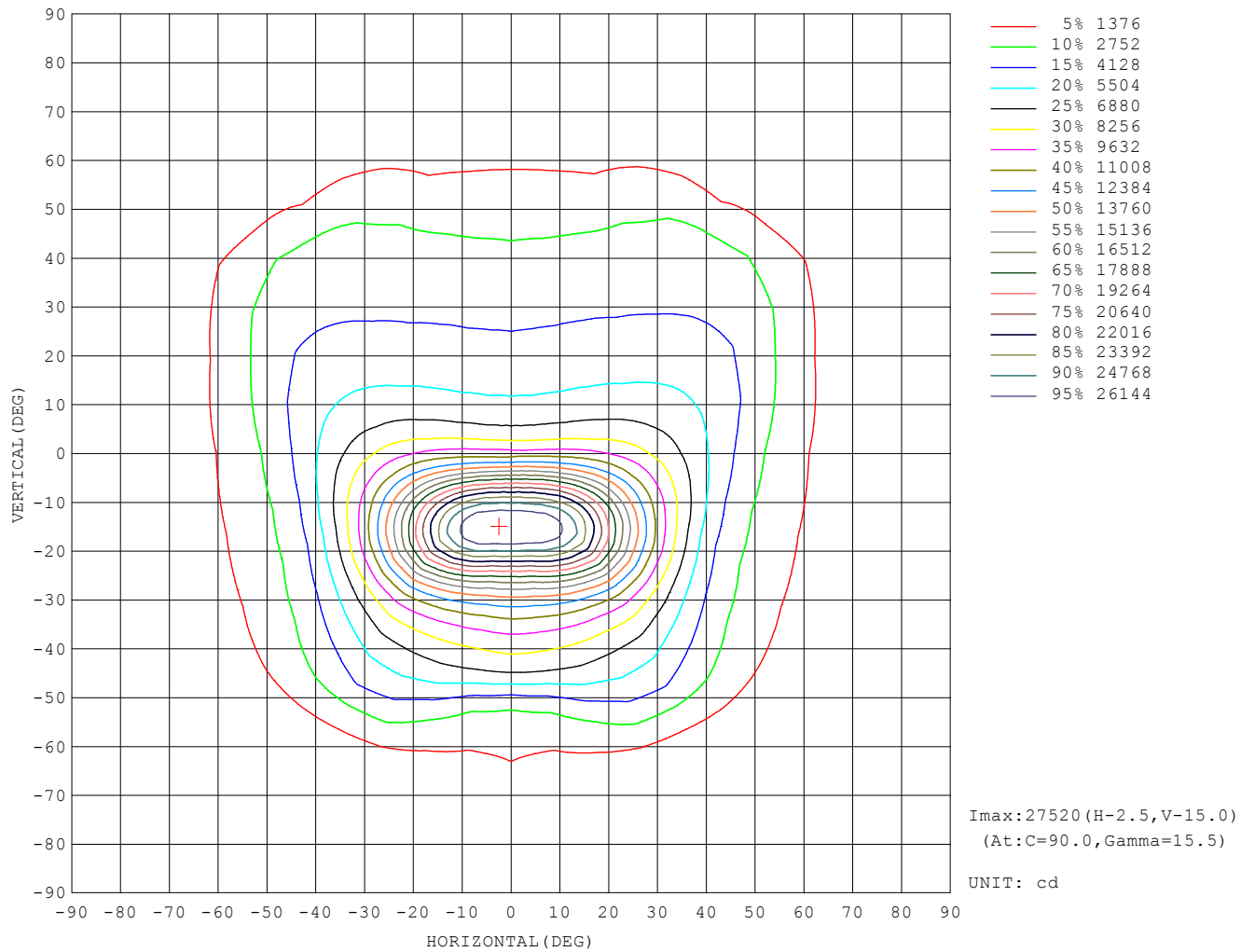
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1020	2031	2475	2030	1021	654.1	582.5	658.2	0- 10	1140	1140	5.07,5.07
20	946.5	2413	2492	2396	947.8	530.4	454.4	538.4	10- 20	3906	5046	22.4,22.4
30	782.2	1611	1346	1589	775.1	449.7	383.6	462.2	20- 30	5211	10257	45.6,45.6
40	555.0	839.7	868.0	829.4	534.7	387.0	318.9	398.9	30- 40	4590	14847	66.1,66.1
50	309.5	492.5	385.6	485.7	293.4	324.3	192.7	335.1	40- 50	3617	18465	82.1,82.1
60	146.4	229.1	154.1	220.5	139.9	188.2	125.7	203.3	50- 60	2392	20857	92.8,92.8
70	66.22	59.95	85.48	57.85	62.62	62.25	69.86	66.59	60- 70	1141	21998	97.9,97.9
80	27.49	17.23	26.02	15.94	25.48	15.84	22.92	17.58	70- 80	420.8	22419	99.7,99.7
90	0	0	0	0	0	0	0	0	80- 90	59.73	22478	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:2020-08-31

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=0.4574]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

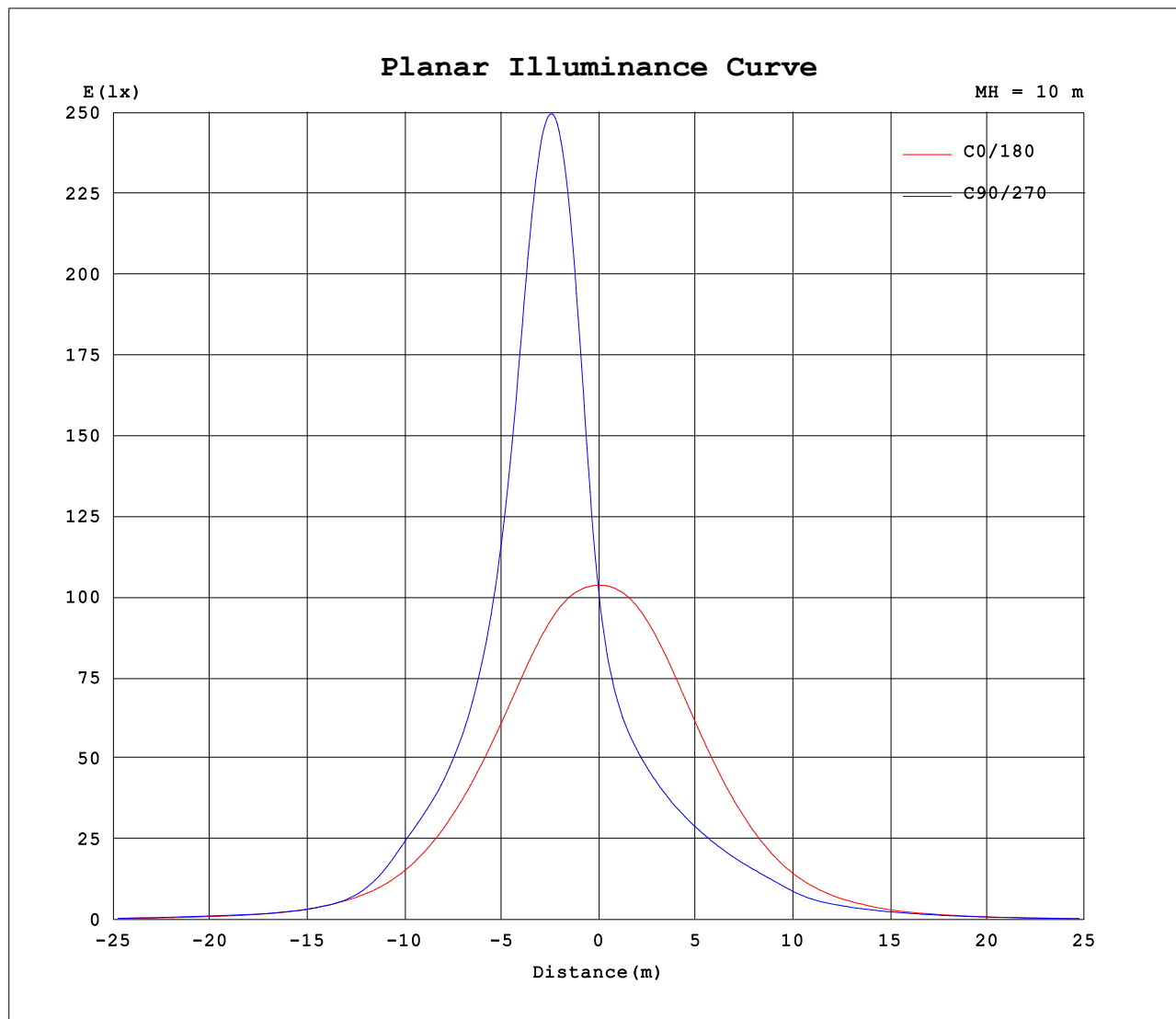
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LYJ
Test Date:2020-08-31

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=0.4574]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LYJ
Test Date: 2020-08-31

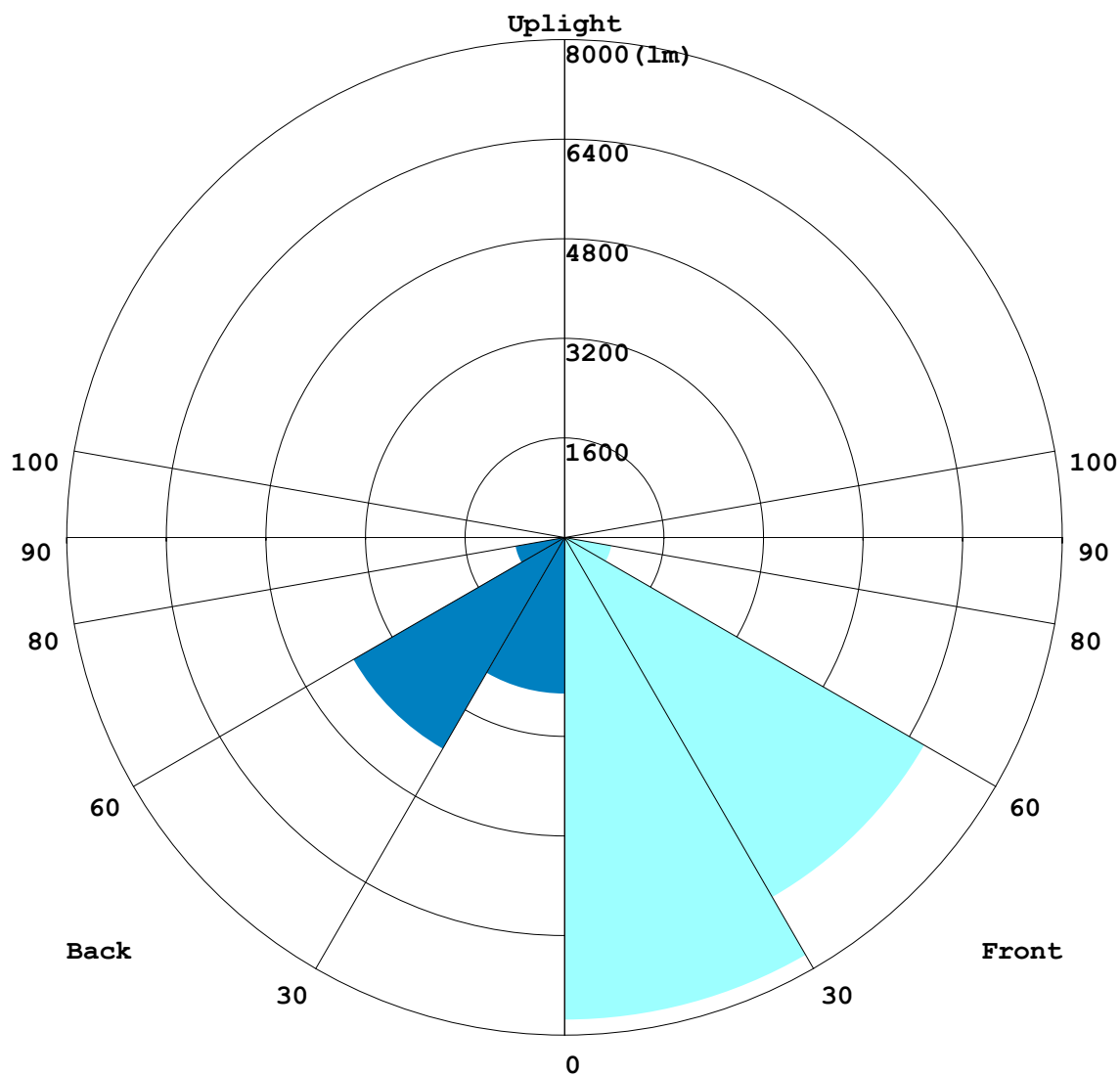
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.426
Humidity: 65.0%
Test Distance: 26.000m [K=0.4574]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:229.7V I:0.6653A P:151.1W PF:0.9887 Freq:50.01Hz UTHDi:0% ITHDi:0% Lamp Flux:22478.2x1 lm		
NAME: FL29-150-5070-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:2020-08-31

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=0.4574]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

BUG REPORT

Test:U:229.7V I:0.6653A P:151.1W PF:0.9887 Freq:50.01Hz UTHDi:0% ITHDi:0% Lamp Flux:22478.2x1 lm		
NAME: FL29-150-5070-F19203	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	7748.5	34.5
FM - Front-Medium(30-60)	6677.7	29.7
FH - Front-High(60-80)	763.76	3.4
FVH - Front-Very High(80-90)	29.465	0.1
Total Forward Light	15220	67.7

BL - Back-Low(0-30)	2508.4	11.2
BM - Back-Medium(30-60)	3921.9	17.4
BH - Back-High(60-80)	798.07	3.6
BVH - Back-Very High(80-90)	30.269	0.1
Total Back Light	7258.7	32.3

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-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	7258.7	0	7258.7
Street Side	15220	0	15220

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LYJ
 Test Date:2020-08-31

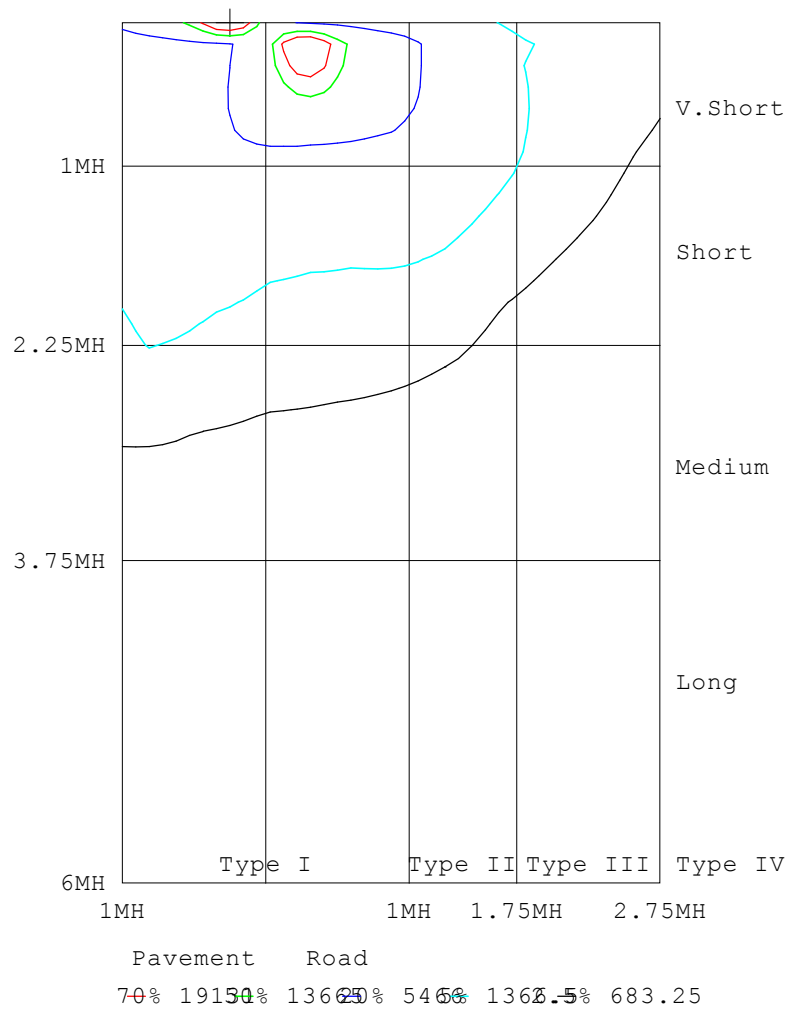
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:26.000m [K=0.4574]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:229.7V I:0.6653A P:151.1W PF:0.9887 Freq:50.01Hz UTHDi:0% ITHDi:0% Lamp Flux:22478.2x1 lm		
NAME: FL29-150-5070-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:2020-08-31

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=0.4574]
Remarks: