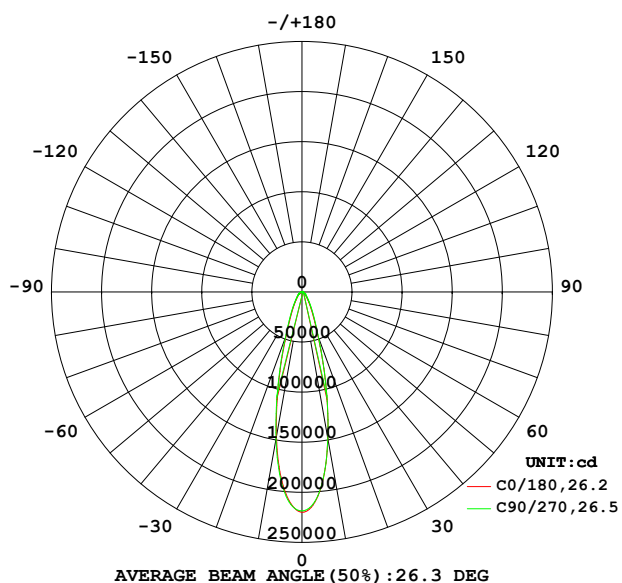
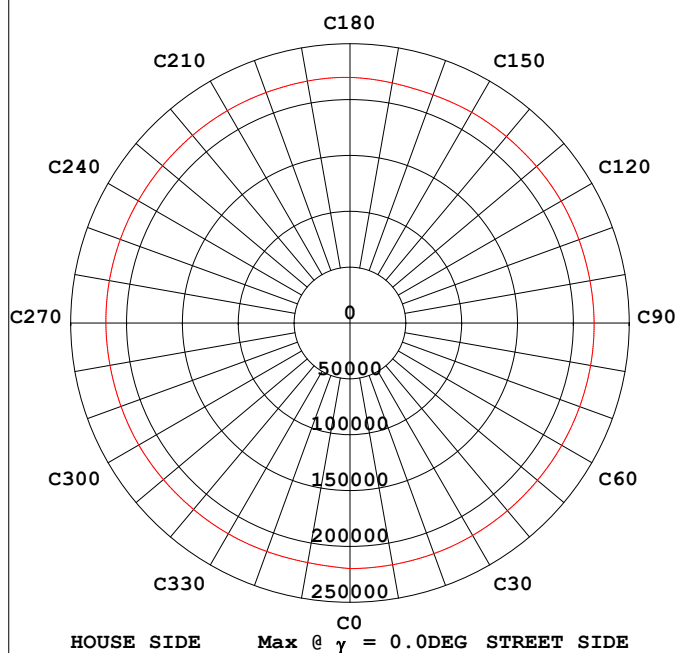


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:229.2V I:2.2067A P:496.27W PF:0.9812 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:76050x1 lm		
NAME: FL23-500-5070-F12204	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

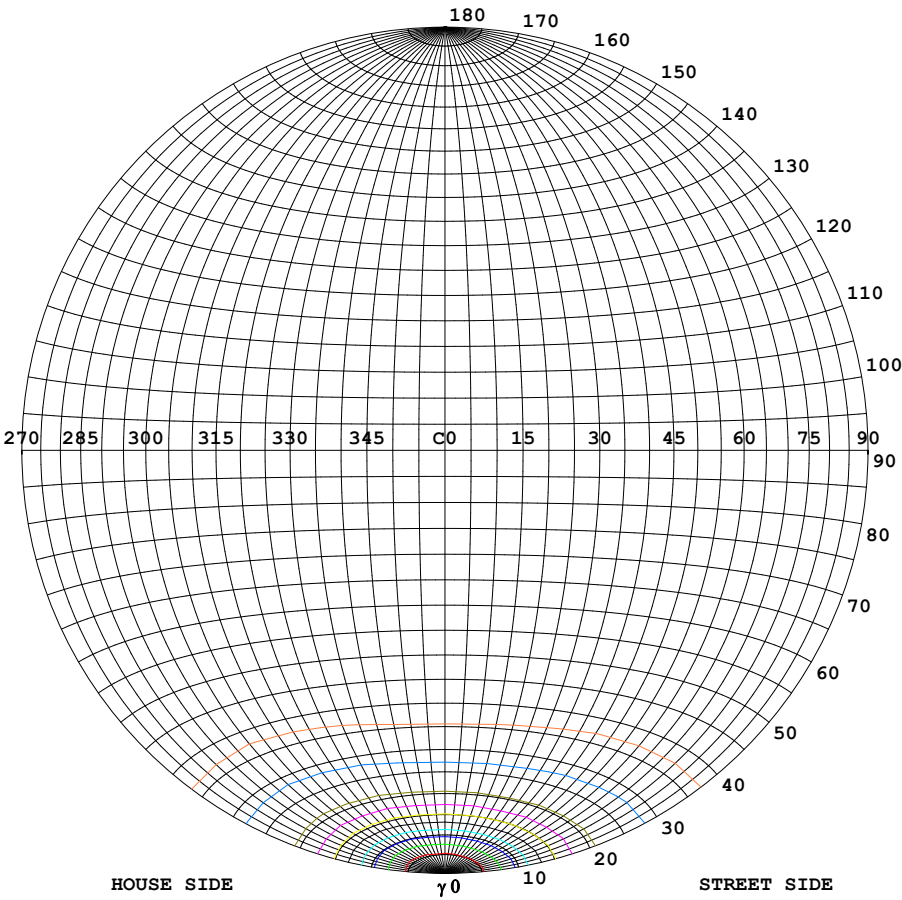
DATA OF LAMP		PHOTOMETRIC DATA Eff: 153.24 lm/W			
MODEL	/	Imax(cd)	219865	η street_up(%)	0.0
NOMINAL POWER(W)	/	LOR(%)	100.0	η street_down(%)	50.3
RATED VOLTAGE(V)	/	TOTAL FLUX(lm)	76050	η house_up(%)	0.0
NOMINAL FLUX(lm)	76050	MAXIMUM @ (C, γ)	0,0.0	η house_down(%)	49.7
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	/	η down(%)	100.0	SLI	

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:LYJ
Test Date:2022-10-17

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4548]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

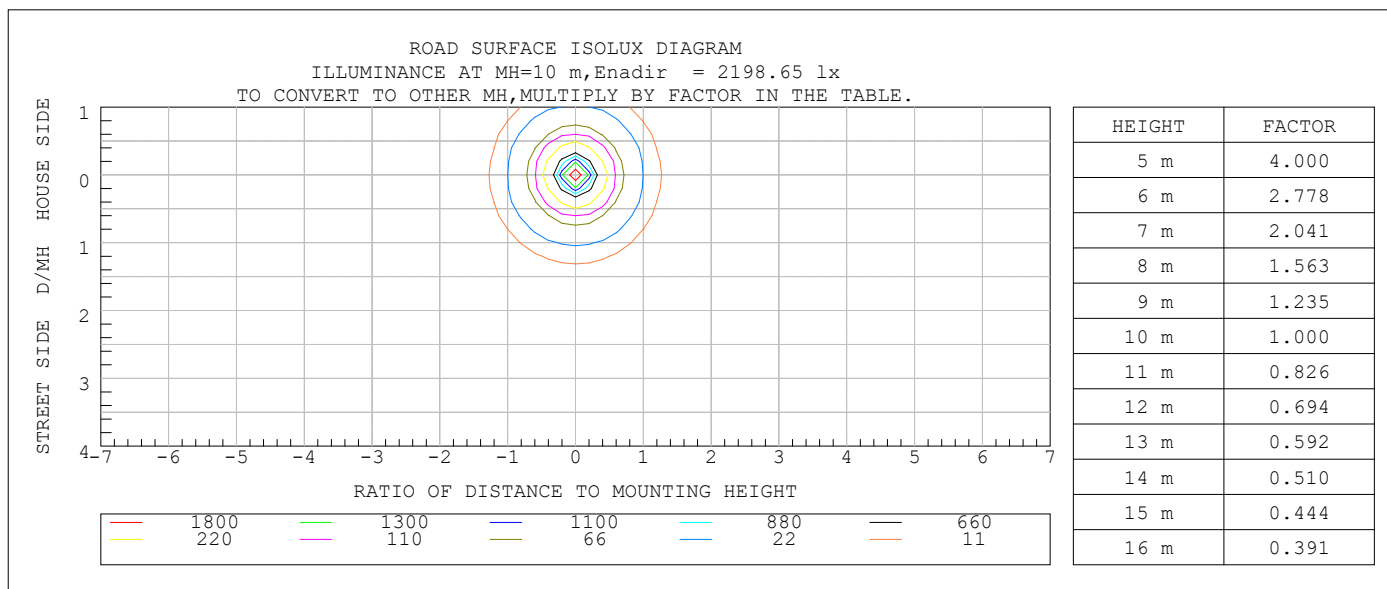
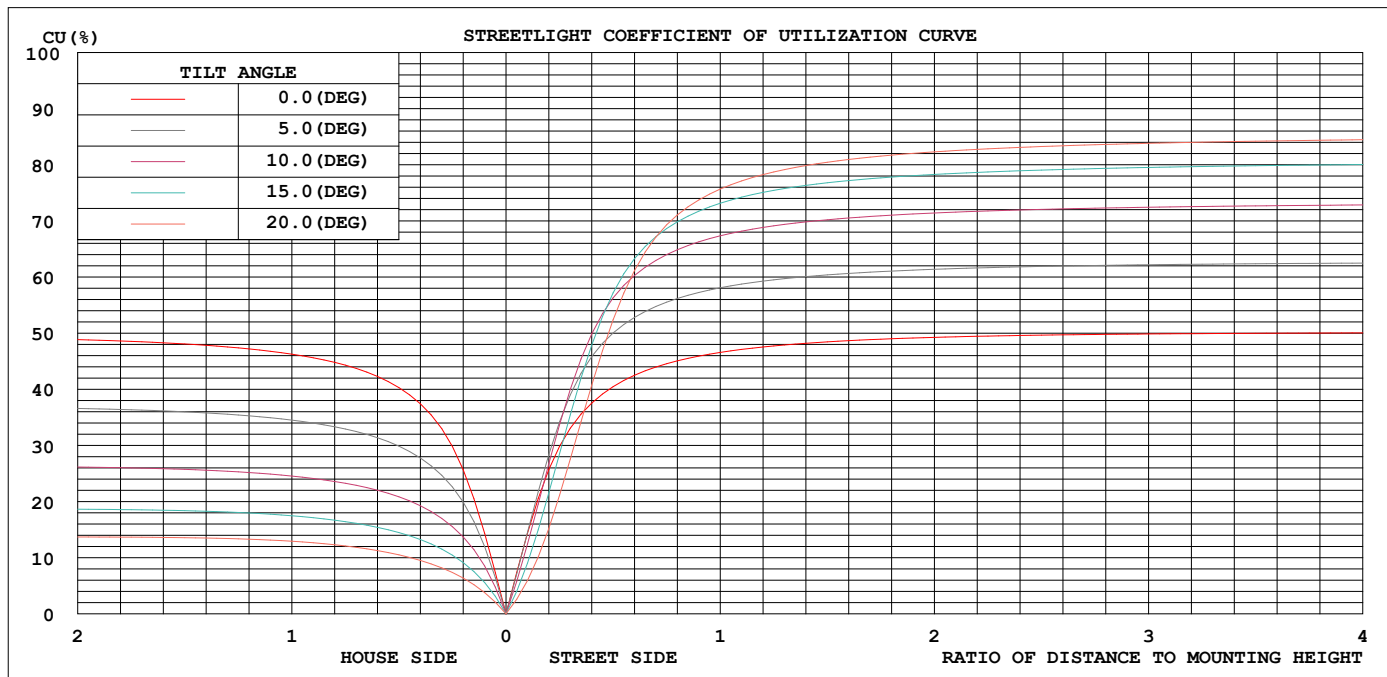


Classification:
IES:Type V - Very Short
CIE:Narrow - Short
IES:Cut-off
CIE:Full cut-off
Max.At80:7.885cd/klm
Max.At90:0.0437cd/klm
Max.80-90:7.885cd/klm

ISOCANDELA DIAGRAM		
UNIT		cd
Imax=100%		219865
	90%	197878
	80%	175892
	70%	153905
	60%	131919
	50%	109932
	40%	87946
	30%	65959
	20%	43973
	10%	21986
	5%	10993

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LYJ
Test Date:2022-10-17

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4548]
Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LYJ
Test Date: 2022-10-17

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity: 65.0%
Test Distance: 26.000m [K=0.4548]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

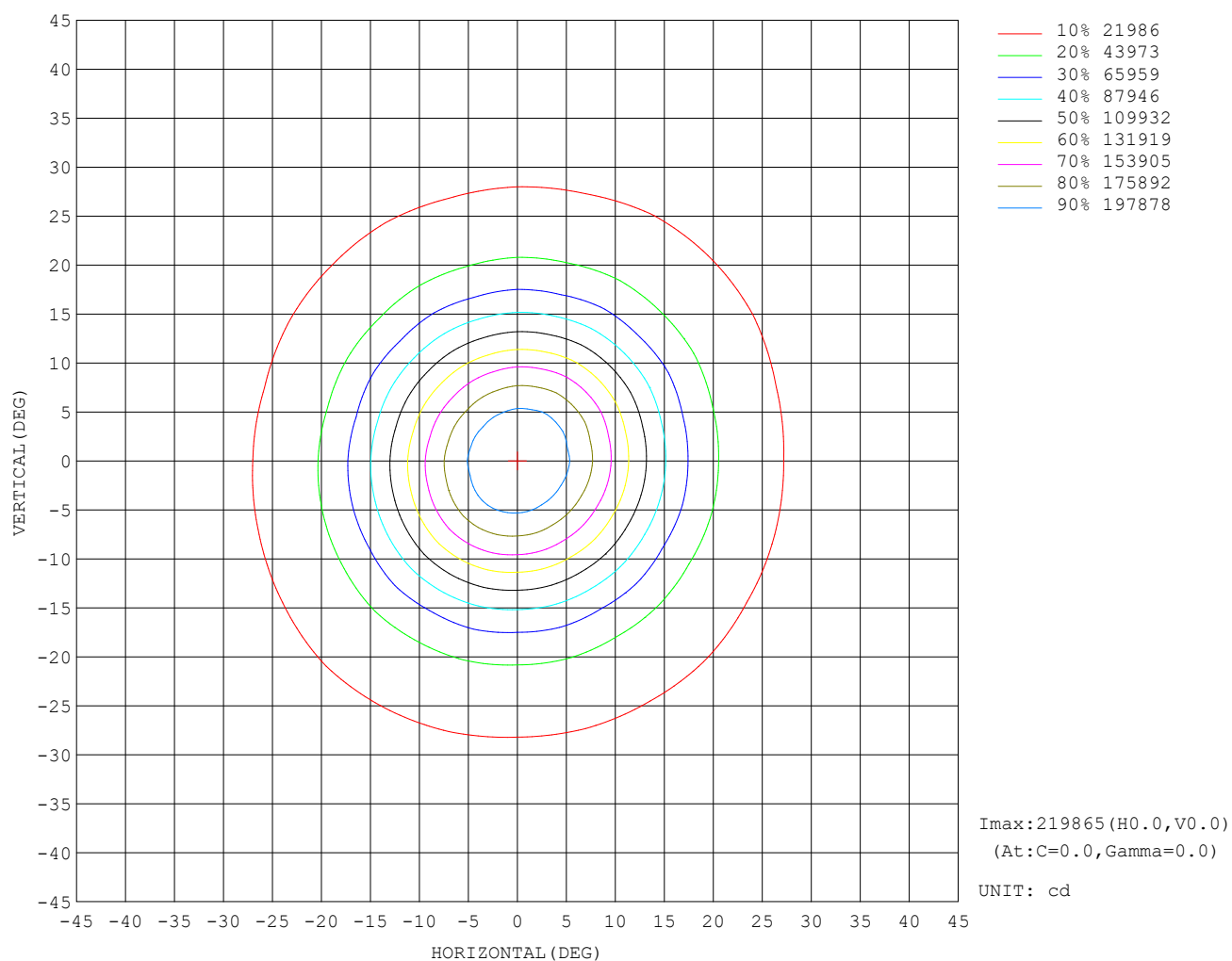
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1487	1466	1487	1518	1468	1449	1490	1530	0- 10	17402	17402	22.9,22.9
20	470.3	466.9	483.4	494.3	458.5	448.2	481.7	493.6	10- 20	24603	42005	55.2,55.2
30	171.4	182.7	189.8	191.8	169.5	176.5	185.6	191.0	20- 30	13280	55285	72.7,72.7
40	81.78	90.66	91.91	92.29	81.09	87.24	88.78	91.89	30- 40	7880	63165	83.1,83.1
50	49.13	52.67	53.83	52.93	48.67	50.78	51.99	52.40	40- 50	5163	68328	89.8,89.8
60	32.60	33.82	34.60	33.64	32.00	32.52	33.36	32.96	50- 60	3713	72040	94.7,94.7
70	18.68	19.31	19.52	18.87	18.20	17.98	18.81	18.53	60- 70	2552	74593	98.1,98.1
80	5.848	5.927	5.997	5.662	5.540	5.242	5.726	5.520	70- 80	1249	75841	99.7,99.7
90	0.0272	0.0300	0.0331	0.0253	0.0235	0.0234	0.0280	0.0315	80- 90	208.7	76050	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:X100cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:LYJ
 Test Date:2022-10-17

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
 Humidity:65.0%
 Test Distance:26.000m [K=0.4548]
 Remarks:

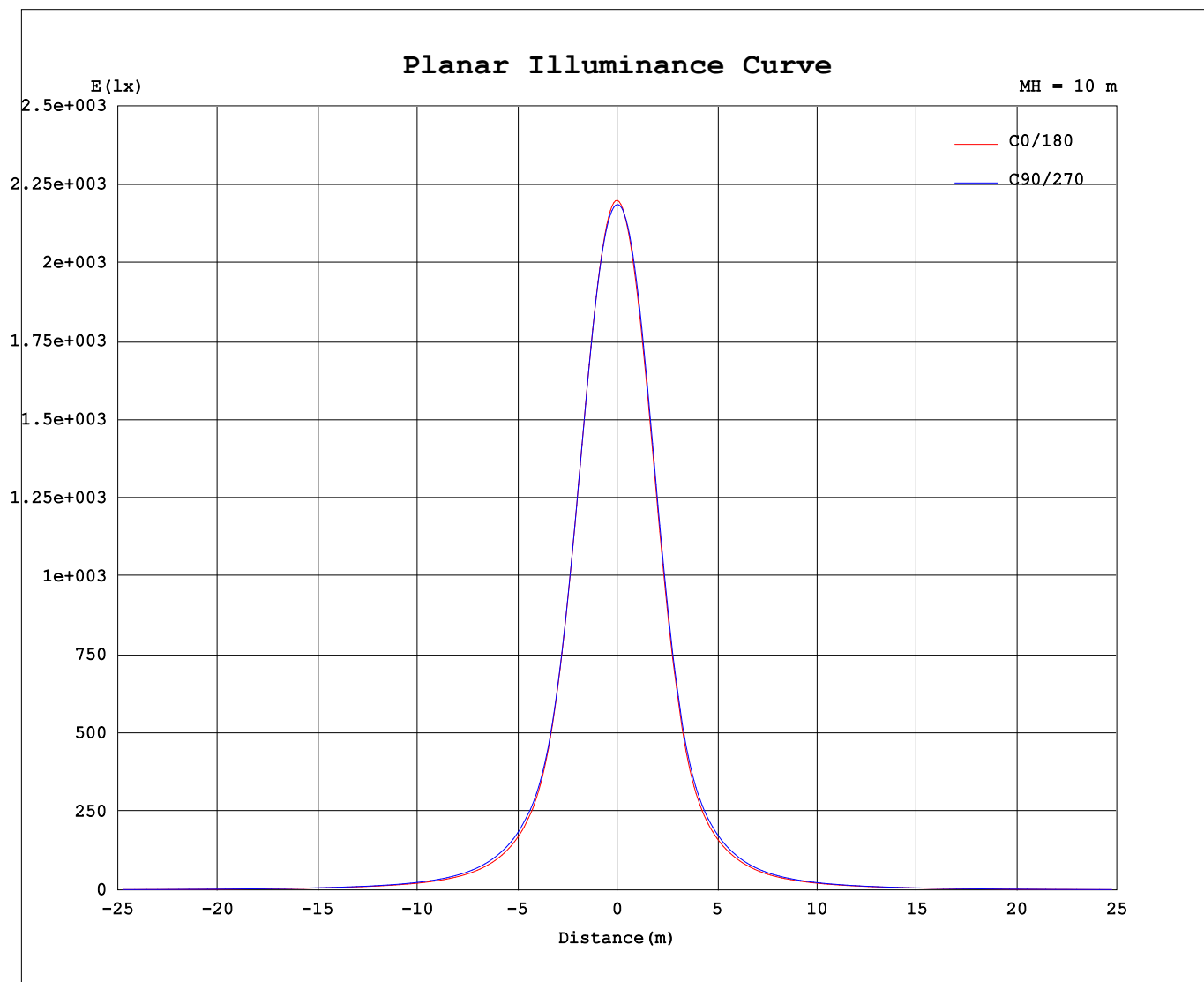
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:LYJ
Test Date:2022-10-17

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4548]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LYJ
Test Date: 2022-10-17

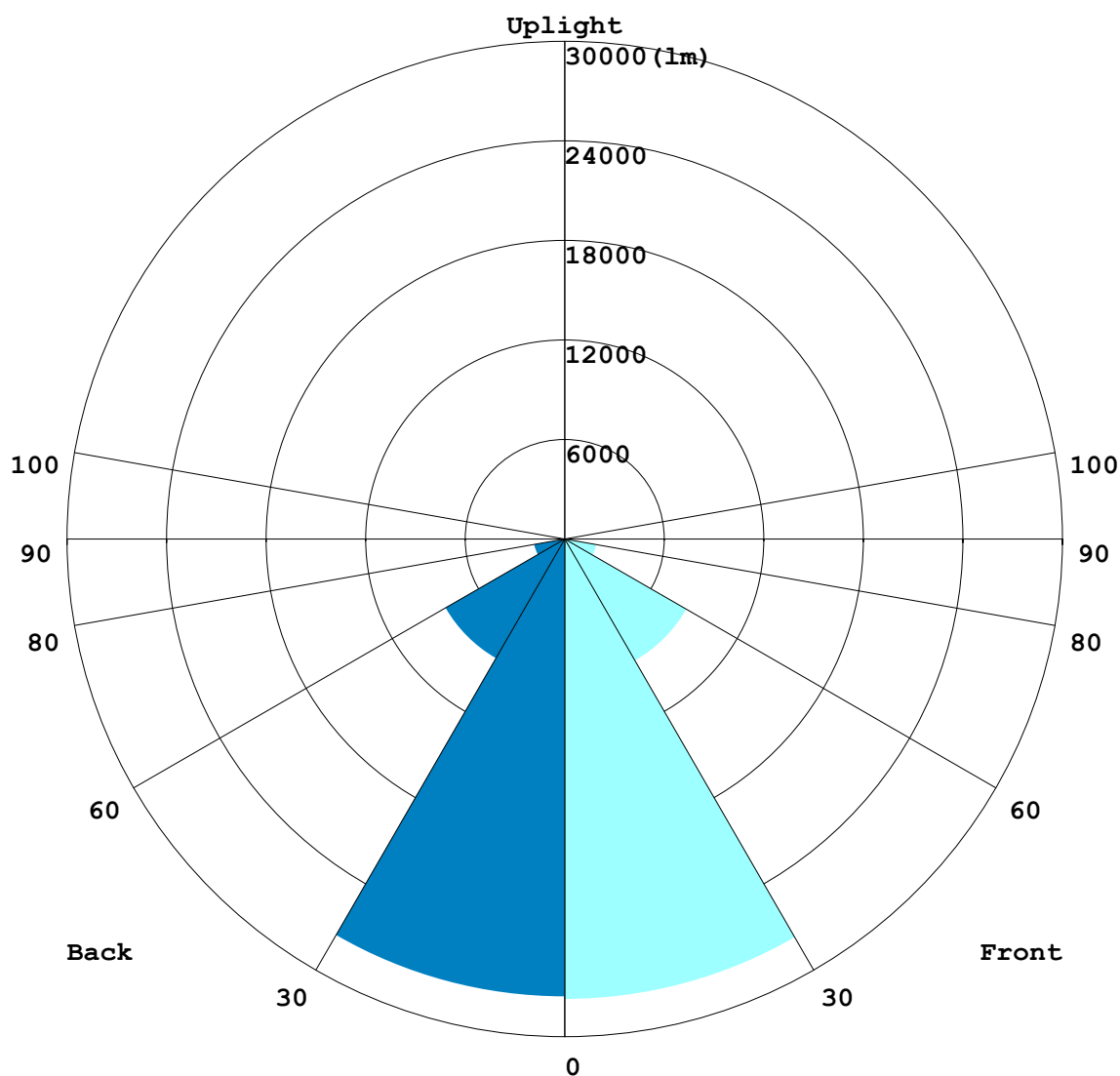
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity: 65.0%
Test Distance: 26.000m [K=0.4548]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:229.2V I:2.2067A P:496.27W PF:0.9812 Freq:50.01Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:76050x1 lm		
NAME: FL23-500-5070-F12204	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:LYJ
Test Date:2022-10-17

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4548]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

BUG REPORT

Test:U:229.2V I:2.2067A P:496.27W PF:0.9812 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:76050x1 lm		
NAME: FL23-500-5070-F12204	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	27719	36.4
FM - Front-Medium(30-60)	8460.9	11.1
FH - Front-High(60-80)	1931.7	2.5
FVH - Front-Very High(80-90)	107.85	0.1
Total Forward Light	38220	50.3

BL - Back-Low(0-30)	27566	36.2
BM - Back-Medium(30-60)	8294.6	10.9
BH - Back-High(60-80)	1869.3	2.5
BVH - Back-Very High(80-90)	100.84	0.1
Total Back Light	37831	49.7

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	B5-U0-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	37831	0	37831
Street Side	38220	0	38220

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LYJ
Test Date:2022-10-17

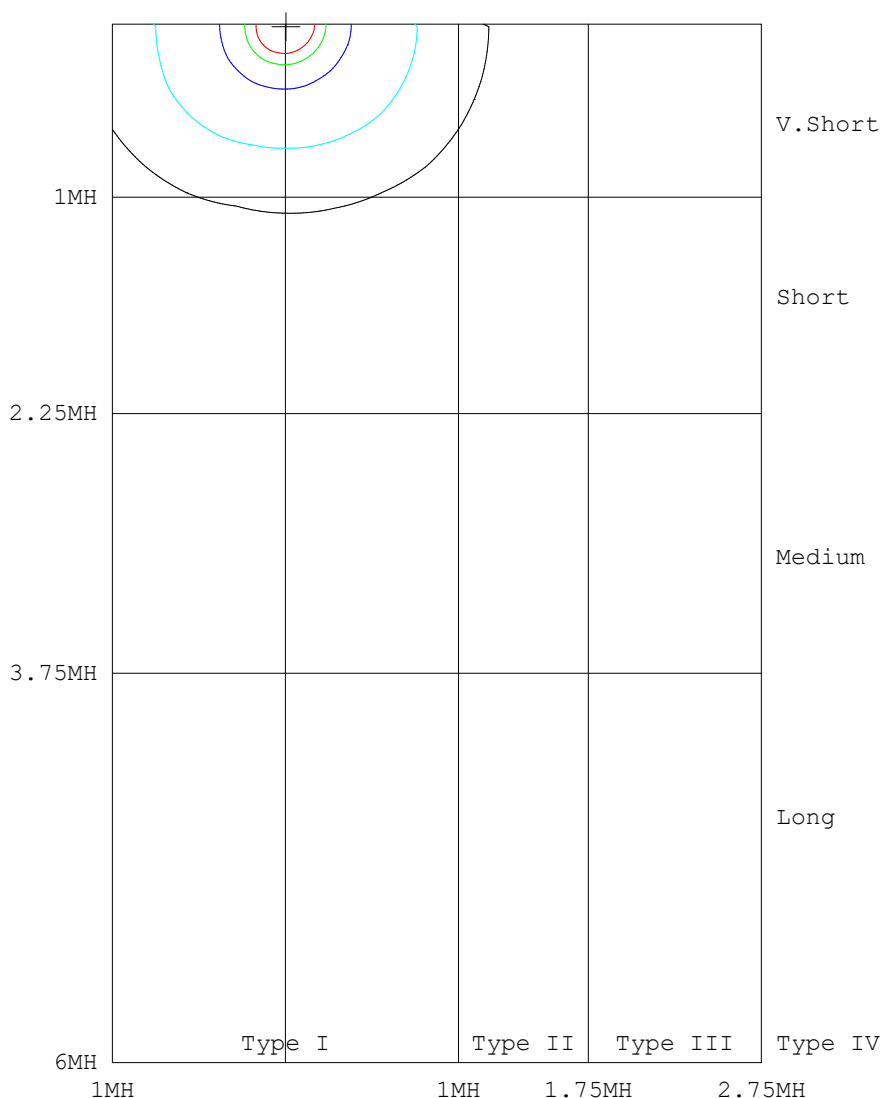
γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4548]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:229.2V I:2.2067A P:496.27W PF:0.9812 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:76050x1 lm		
NAME: FL23-500-5070-F12204	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG C Interval: 15.0DEG Test Speed: HIGH Temperature:25.3°C Operators:LYJ Test Date:2022-10-17

Pavement: 70% 1.5347e+00 Road: 30% 1.0962e+00

γ Range: 43050 - 90DEG γ Interval: 0.5DEG

Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465 Humidity:65.0% Test Distance:26.000m [K=0.4548] Remarks: