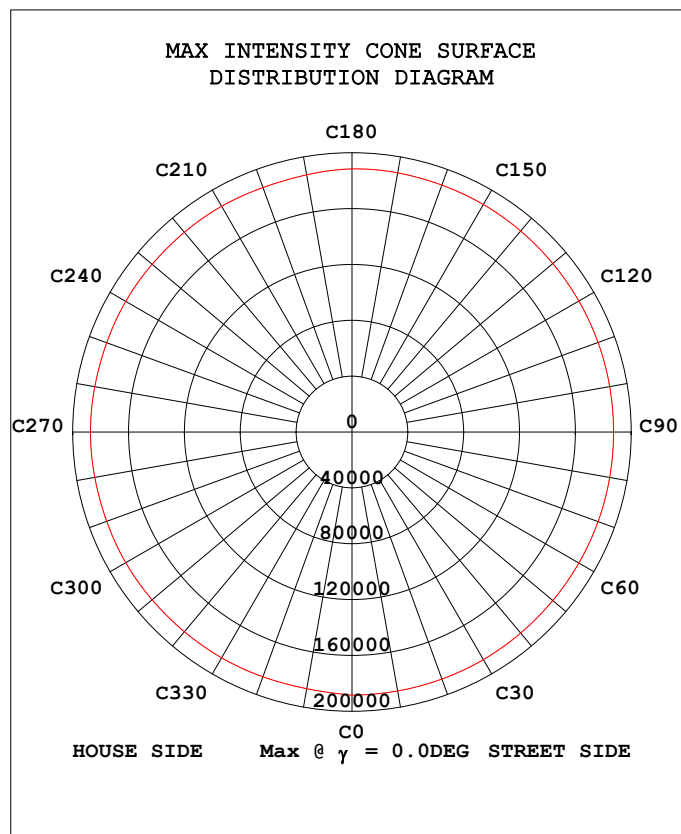
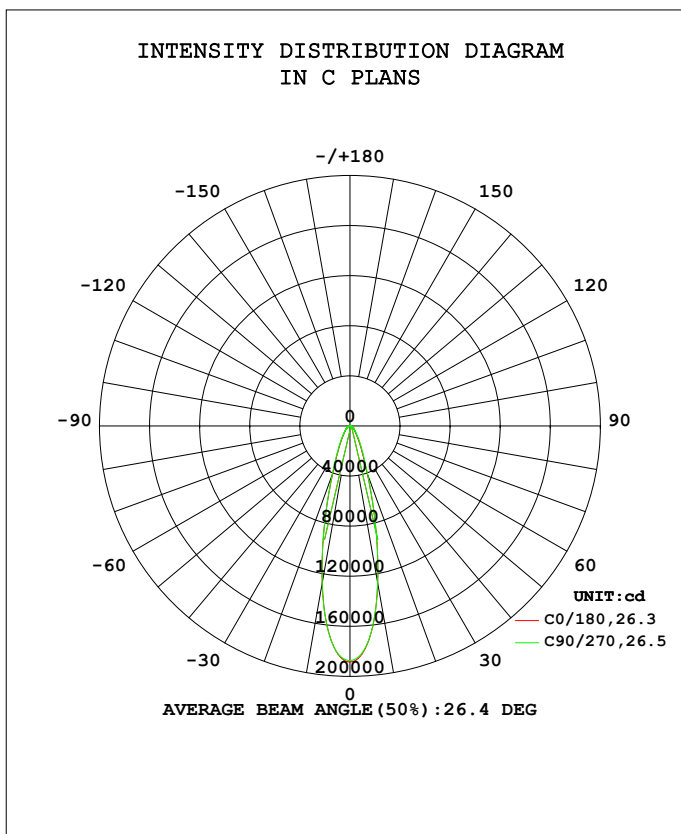


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:229.6V I:1.8126A P:405.36W PF:0.9740 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:65573.4x1 lm		
NAME: FL23-500P-5070-Fl2204	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

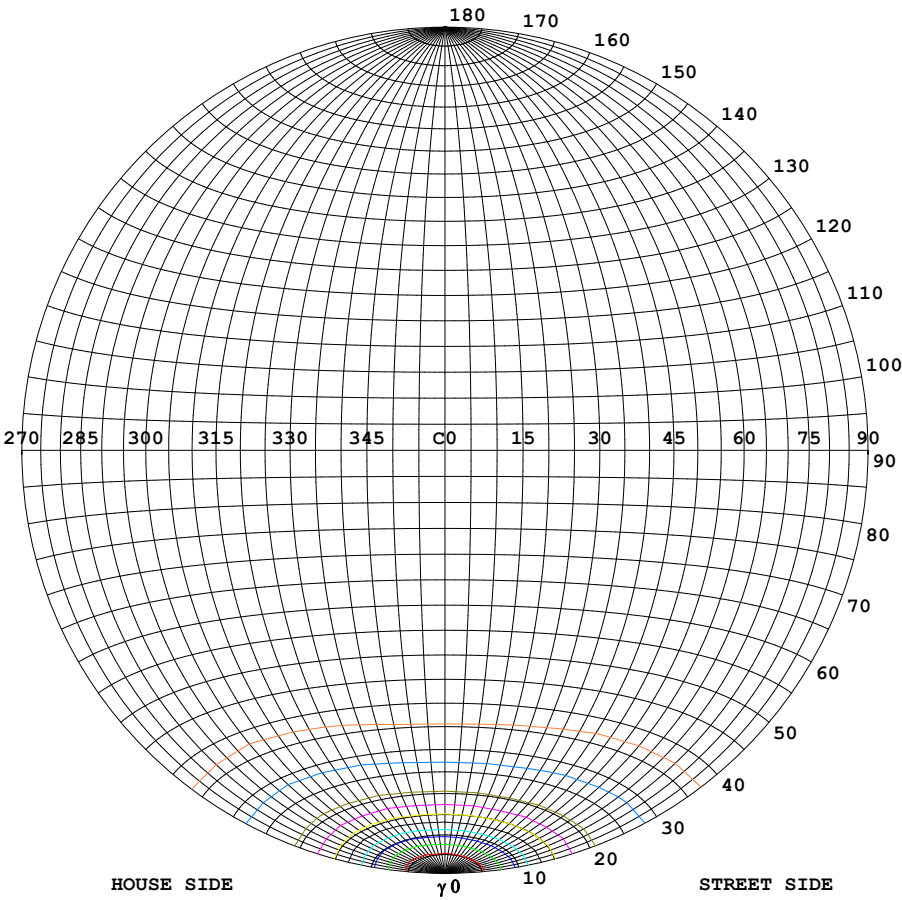
DATA OF LAMP		PHOTOMETRIC DATA Eff: 161.76 lm/W			
MODEL	/	Imax(cd)	188439	η street_up(%)	0.0
NOMINAL POWER(W)	/	LOR(%)	100.0	η street_down(%)	49.6
RATED VOLTAGE(V)	/	TOTAL FLUX(lm)	65573	η house_up(%)	0.0
NOMINAL FLUX(lm)	65573.4	MAXIMUM @ (C, γ)	0,0.0	η house_down(%)	50.4
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	/	η down(%)	100.0	SLI	



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

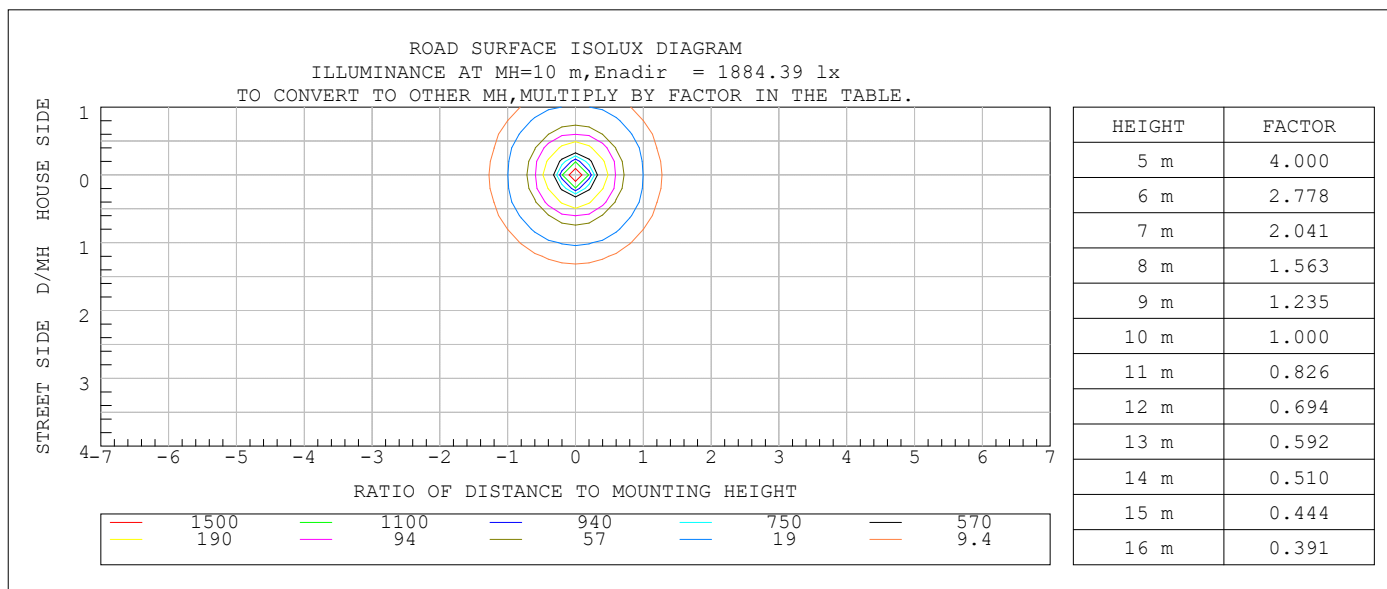
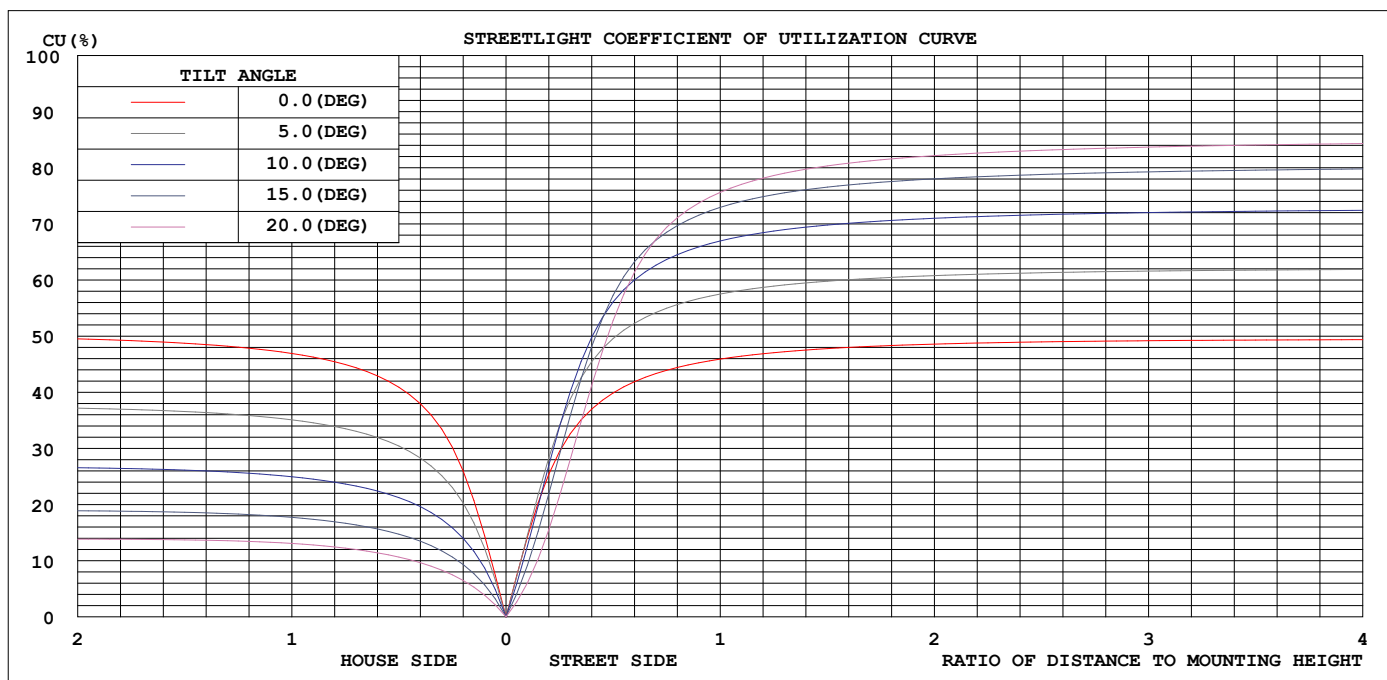


Classification:
IES:Type V - Very Short
CIE:Narrow - Short
IES:Cut-off
CIE:Full cut-off
Max.At80:7.838cd/klm
Max.At90:0.0434cd/klm
Max.80-90:7.838cd/klm

ISOCANDELA DIAGRAM		
UNIT		cd
Imax=100%		188439
	90%	169595
	80%	150751
	70%	131907
	60%	113063
	50%	94219
	40%	75375
	30%	56532
	20%	37688
	10%	18844
	5%	9422

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

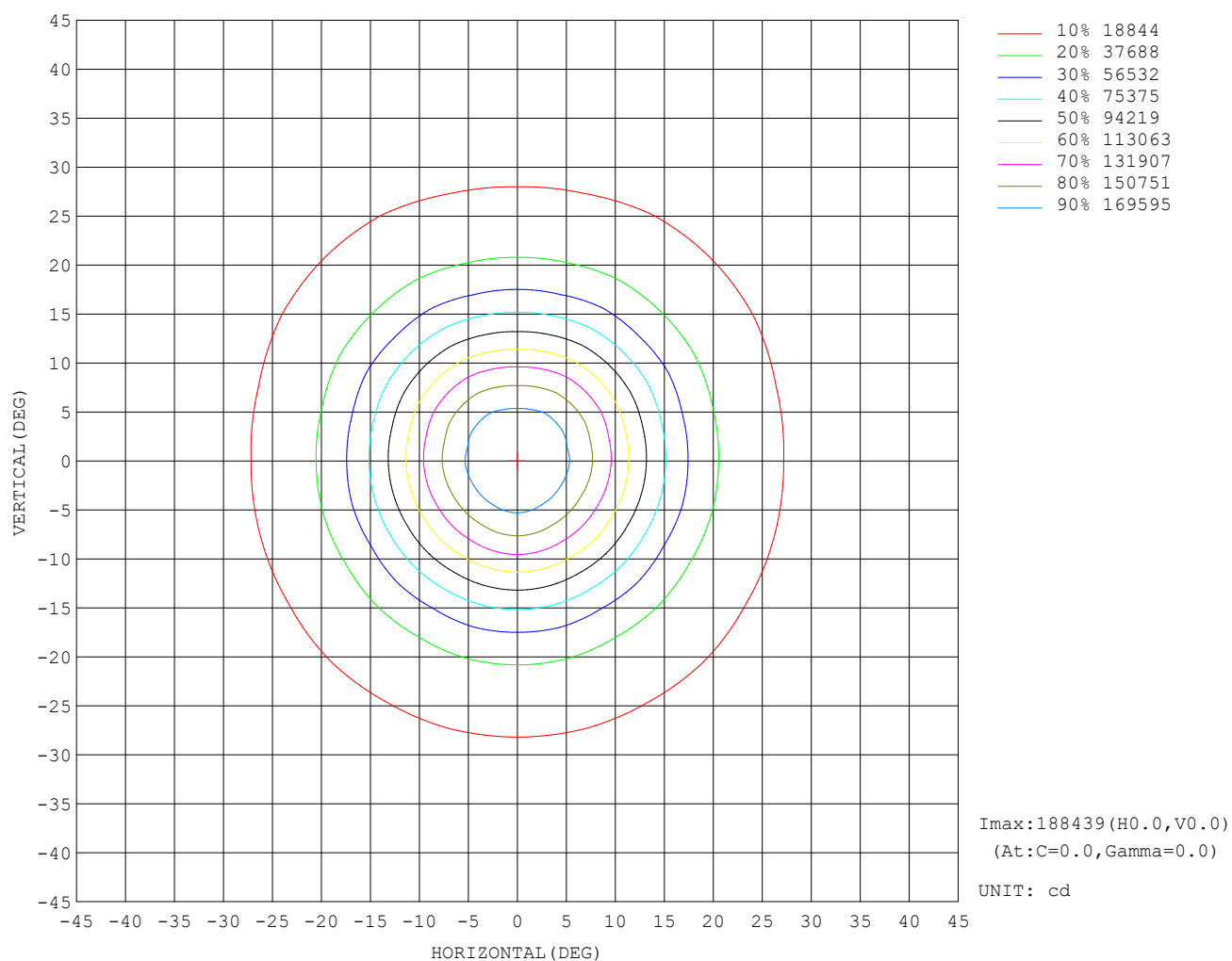
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1275	1256	1275	1256	1275	1311	1277	1311	0- 10	14963	14963	22.8,22.8
20	403.1	400.2	414.3	400.2	403.1	423.0	412.8	423.0	10- 20	21225	36188	55.2,55.2
30	146.9	156.6	162.6	156.6	146.9	163.7	159.0	163.7	20- 30	11470	47659	72.7,72.7
40	70.09	77.70	78.78	77.70	70.09	78.75	76.09	78.75	30- 40	6796	54455	83,83
50	42.11	45.14	46.14	45.14	42.11	44.91	44.56	44.91	40- 50	4449	58904	89.8,89.8
60	27.94	28.99	29.65	28.99	27.94	28.25	28.59	28.25	50- 60	3198	62102	94.7,94.7
70	16.01	16.55	16.73	16.55	16.01	15.88	16.12	15.88	60- 70	2203	64305	98.1,98.1
80	5.012	5.080	5.140	5.080	5.012	4.731	4.908	4.731	70- 80	1084	65390	99.7,99.7
90	0.0233	0.0257	0.0284	0.0257	0.0233	0.0270	0.0240	0.0270	80- 90	183.8	65573	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°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:

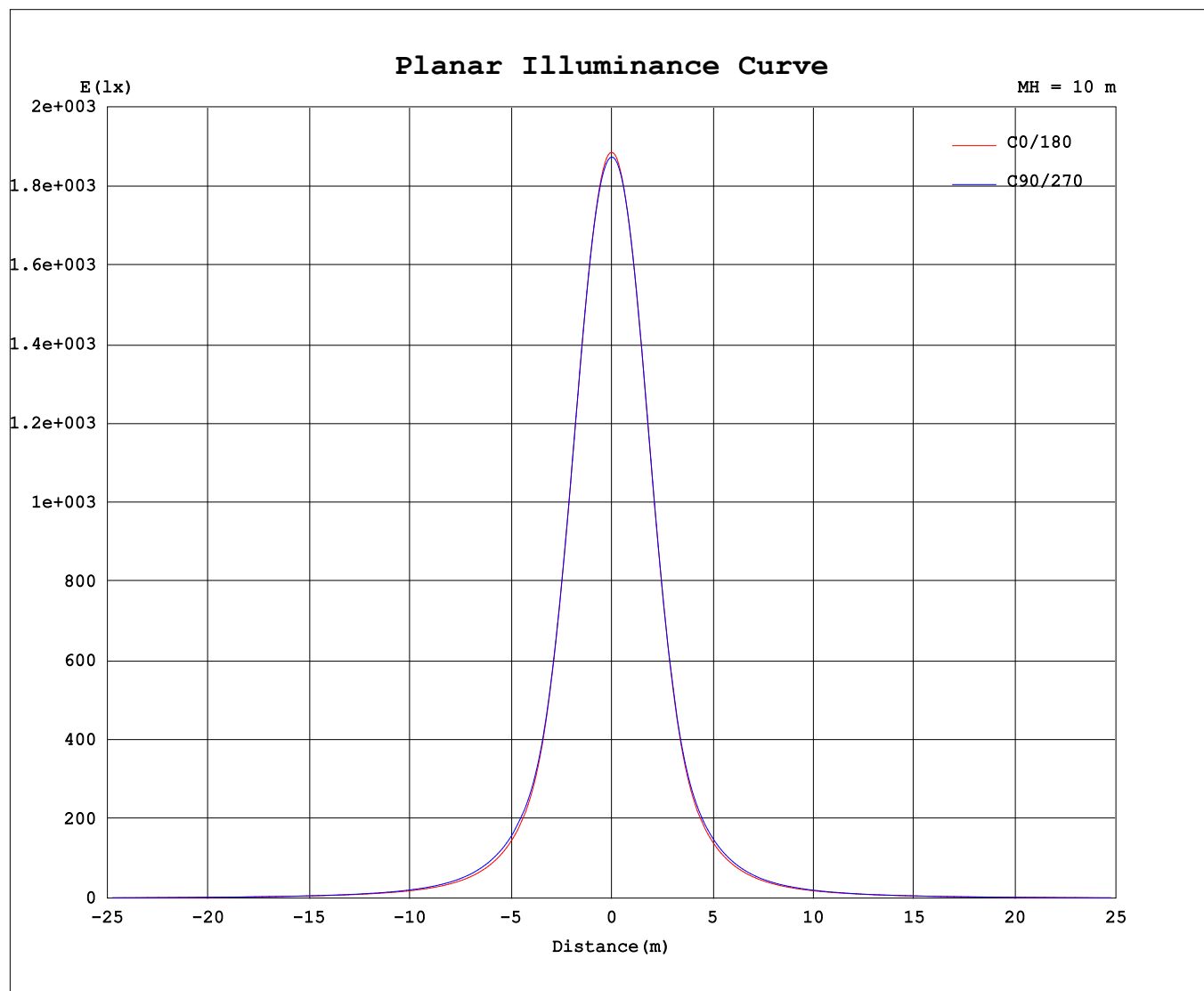
ISOCANDELA DIAGRAM



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

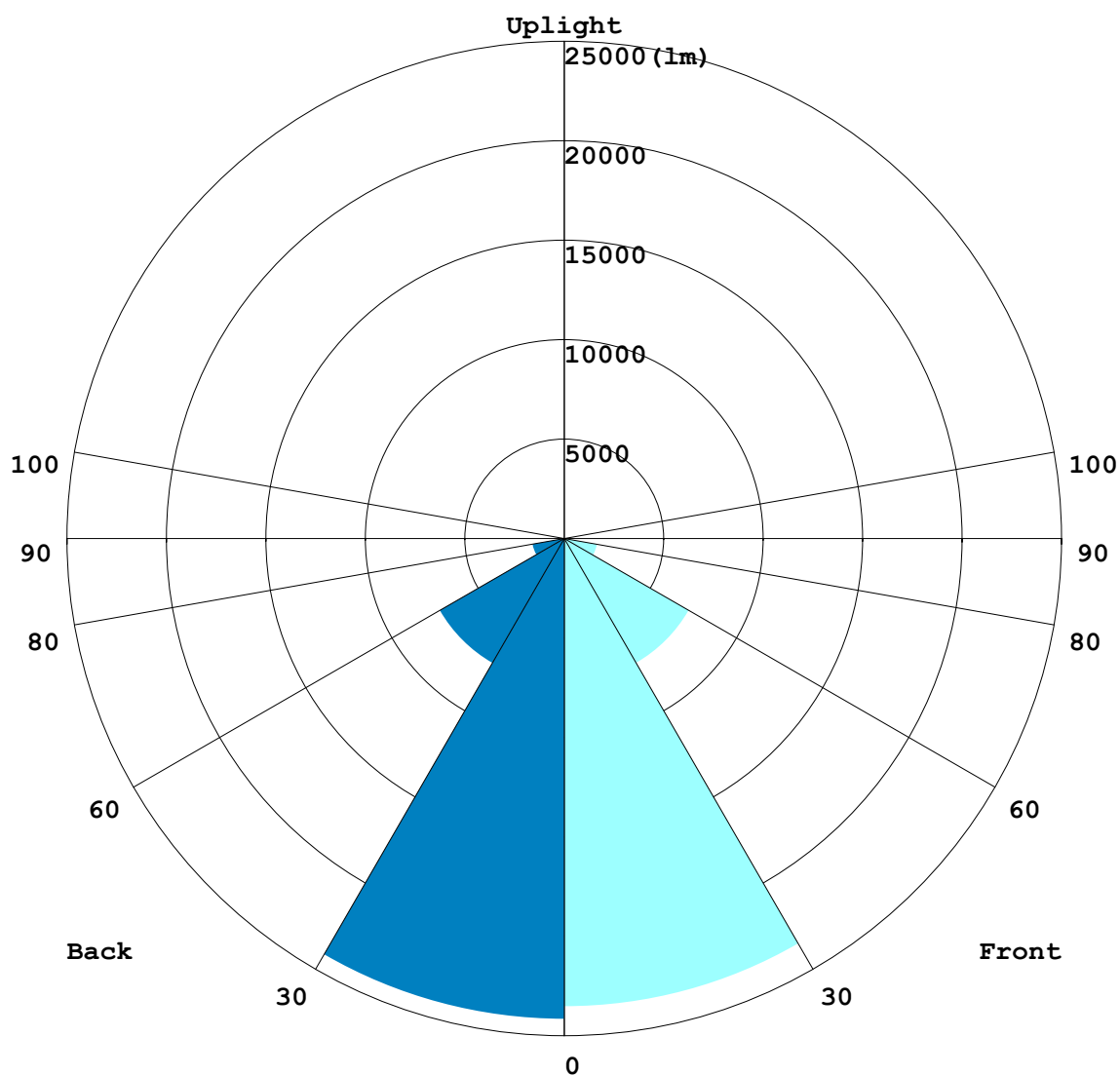
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity: 65.0%
Test Distance: 26.000m [K=0.4548]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:229.6V I:1.8126A P:405.36W PF:0.9740 Freq:50.01Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:65573.4x1 lm		
NAME: FL23-500P-5070-Fl2204	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℃
 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:229.6V I:1.8126A P:405.36W PF:0.9740 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:65573.4x1 lm		
NAME: FL23-500P-5070-Fl2204	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	23513	35.9
FM - Front-Medium(30-60)	7219.4	11.0
FH - Front-High(60-80)	1668.3	2.5
FVH - Front-Very High(80-90)	94.62	0.1
Total Forward Light	32496	49.6

BL - Back-Low(0-30)	24145	36.8
BM - Back-Medium(30-60)	7223.9	11.0
BH - Back-High(60-80)	1619.3	2.5
BVH - Back-Very High(80-90)	89.17	0.1
Total Back Light	33078	50.4

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	B5-U0-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	33078	0	33078
Street Side	32496	0	32496

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:

