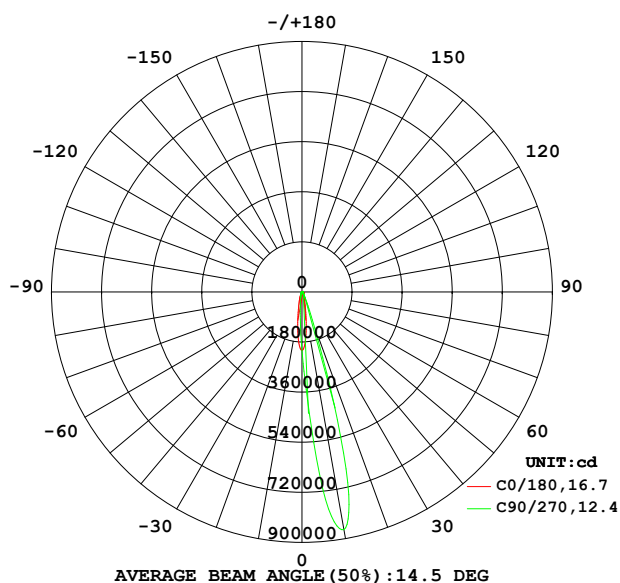
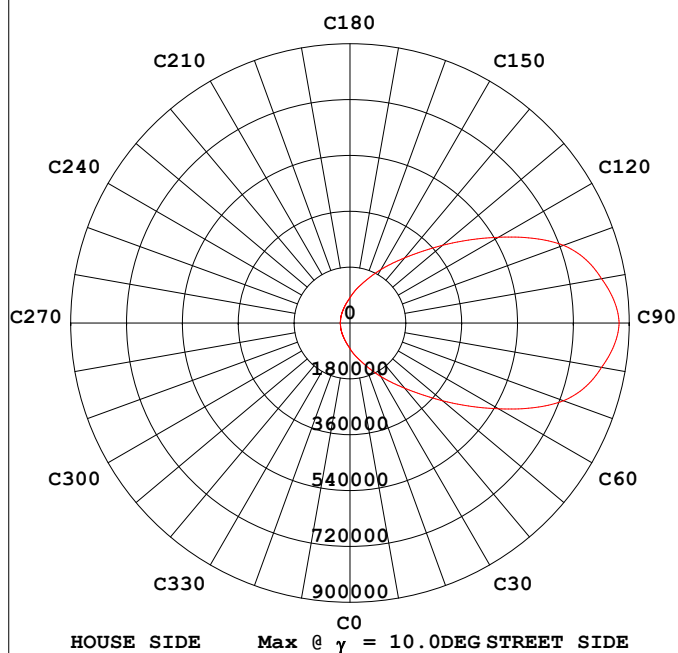


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.0V I:2.665A P:600.0W PF:0.979 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:76386.4x1 lm		
NAME: SP04-600-5770-F04002X+L130	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

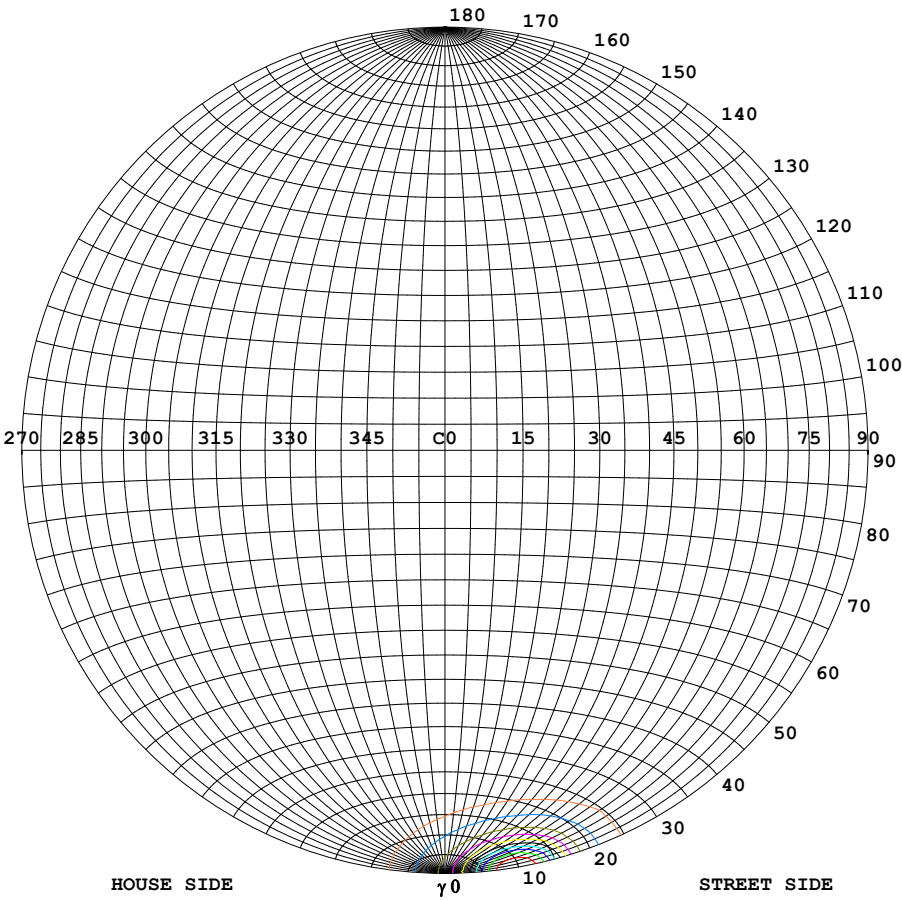
DATA OF LAMP		PHOTOMETRIC DATA Eff: 127.31 lm/W			
MODEL	/	I _{max} (cd)	867350	η street_up (%)	0.0
NOMINAL POWER (W)	/	LOR (%)	100.0	η street_down (%)	78.9
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	76386	η house_up (%)	0.0
NOMINAL FLUX (lm)	76386.4	MAXIMUM @ (C, γ)	90,10.0	η house_down (%)	21.1
LAMPS INSIDE	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: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LYJ
Test Date:2023-02-28

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4556]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM



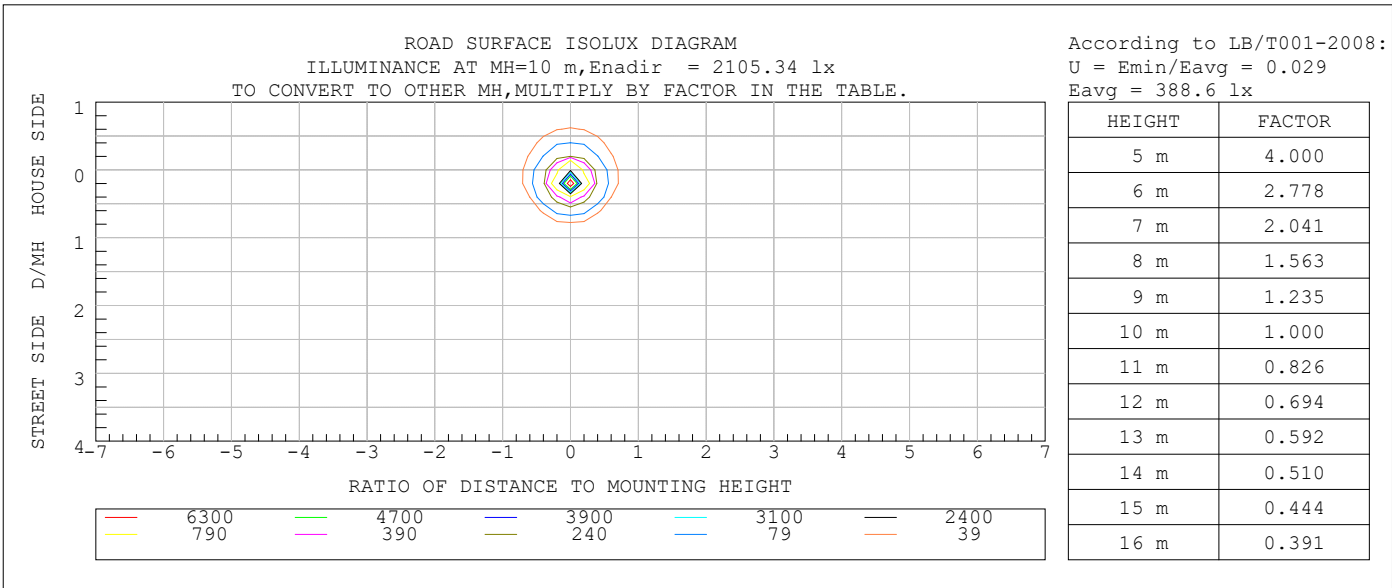
Classification:
IES:Type I - Very Short
CIE:Narrow - Short
IES:Full cut-off
CIE:Full cut-off
Max.At80:6.230cd/klm
Max.At90:0cd/klm
Max.80-90:6.230cd/klm
NRB 5101:Limited[1.0%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	867350
90%	780615
80%	693880
70%	607145
60%	520410
50%	433675
40%	346940
30%	260205
20%	173470
10%	86735
5%	43367

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LYJ
Test Date:2023-02-28

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4556]
Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LYJ
Test Date: 2023-02-28

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity: 65.0%
Test Distance: 26.000m [K=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

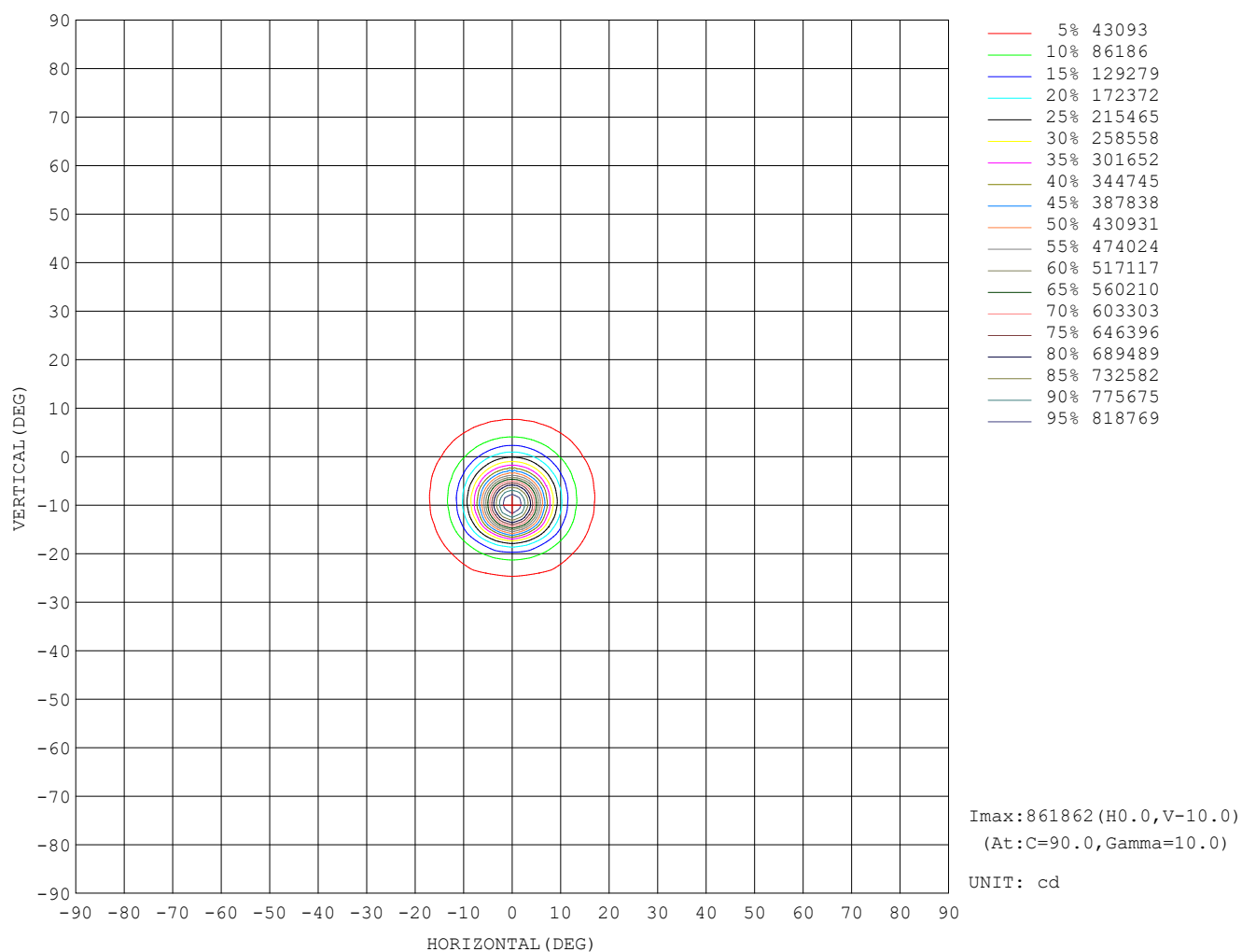
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	818.9	3319	8673	3319	818.9	390.5	309.5	390.5	0- 10	22679	22679	29.7,29.7
20	221.3	603.8	1201	603.8	221.3	126.8	111.5	126.8	10- 20	32178	54857	71.8,71.8
30	86.28	161.5	193.2	161.5	86.28	69.91	67.71	69.91	20- 30	9364	64221	84.1,84.1
40	52.47	53.92	53.82	53.92	52.47	49.57	49.11	49.57	30- 40	4717	68938	90.2,90.2
50	37.30	24.33	14.28	24.33	37.30	39.54	39.23	39.54	40- 50	3153	72091	94.4,94.4
60	24.49	8.785	0.0877	8.785	24.49	29.86	26.90	29.86	50- 60	2273	74363	97.4,97.4
70	12.51	0.9462	0.0072	0.9462	12.51	16.10	14.63	16.10	60- 70	1365	75729	99.1,99.1
80	3.110	0.0990	0.0127	0.0990	3.110	4.436	3.929	4.436	70- 80	569.1	76298	99.9,99.9
90	0	0	0	0	0	0	0	0	80- 90	88.45	76386	100,100
100	0	0	0	0	0	0	0	0	90-100	0	76386	100,100
110	0	0	0	0	0	0	0	0	100-110	0	76386	100,100
120	0	0	0	0	0	0	0	0	110-120	0	76386	100,100
130	0	0	0	0	0	0	0	0	120-130	0	76386	100,100
140	0	0	0	0	0	0	0	0	130-140	0	76386	100,100
150	0	0	0	0	0	0	0	0	140-150	0	76386	100,100
160	0	0	0	0	0	0	0	0	150-160	0	76386	100,100
170	0	0	0	0	0	0	0	0	160-170	0	76386	100,100
180	0	0	0	0	0	0	0	0	170-180	0	76386	100,100
DEG	LUMINOUS INTENSITY:X100cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LYJ
 Test Date:2023-02-28

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
 Humidity:65.0%
 Test Distance:26.000m [K=0.4556]
 Remarks:

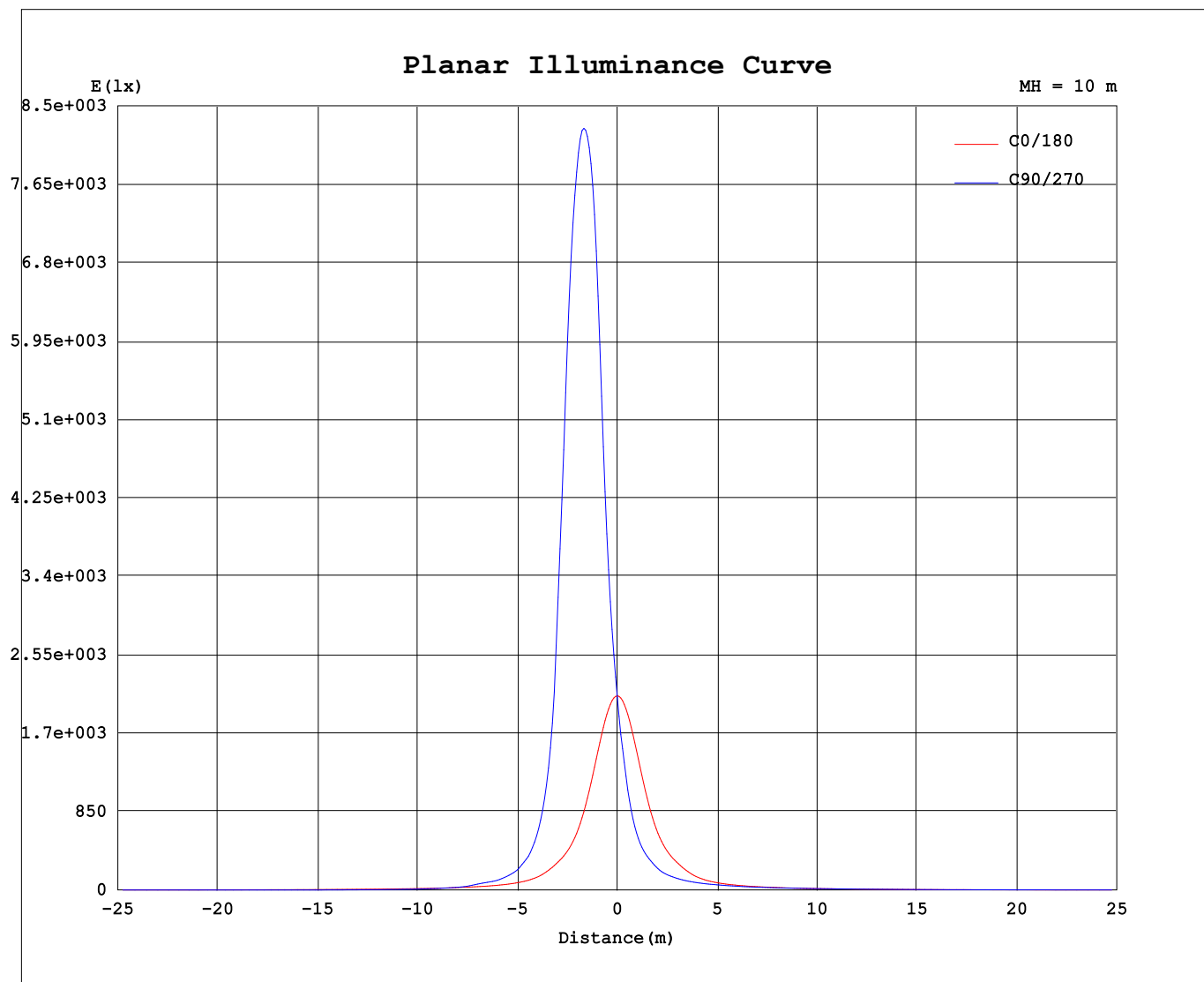
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:LYJ
Test Date:2023-02-28

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4556]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LYJ
Test Date: 2023-02-28

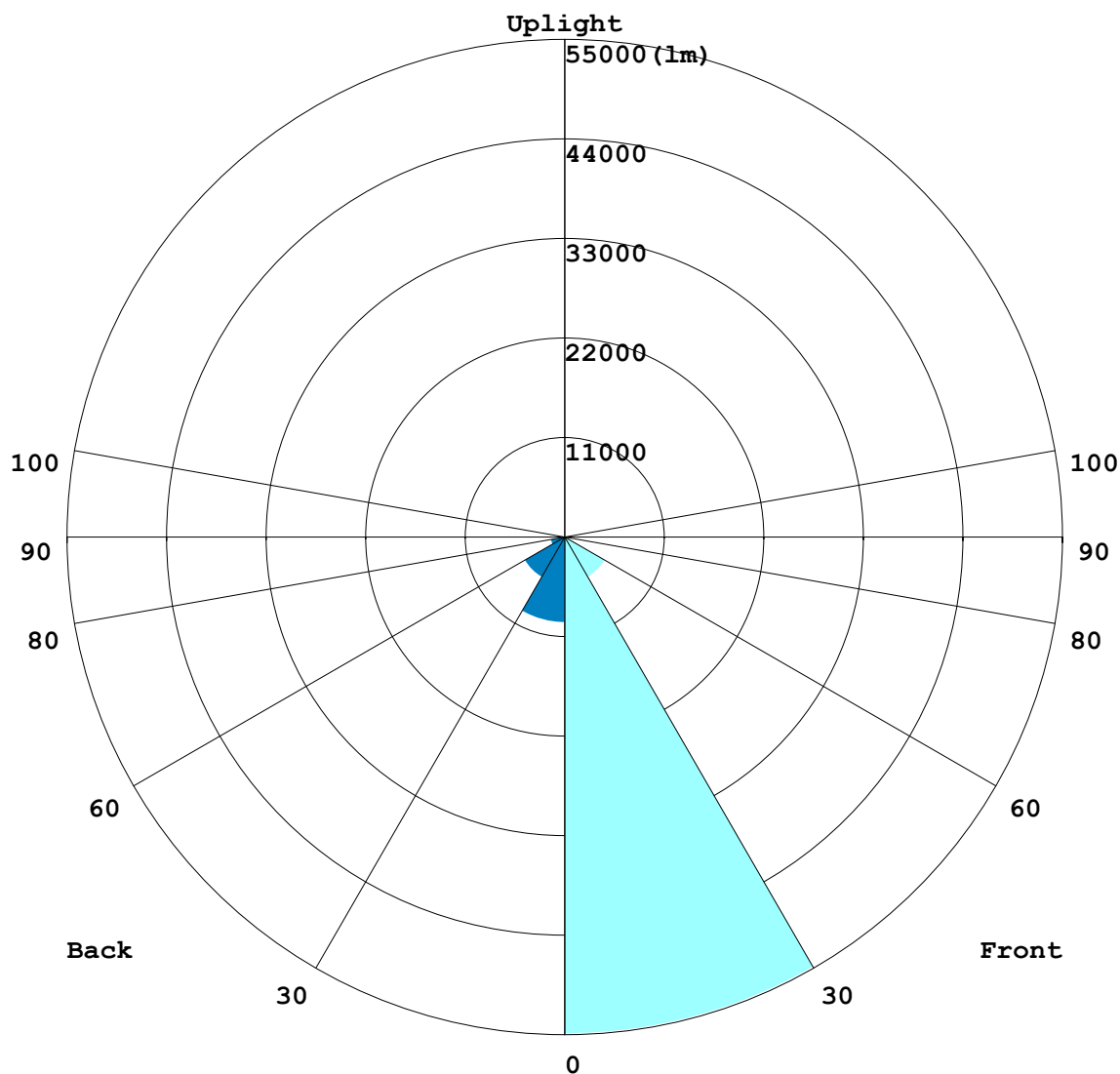
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity: 65.0%
Test Distance: 26.000m [K=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:230.0V I:2.665A P:600.0W PF:0.979 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:76386.4x1 lm		
NAME: SP04-600-5770-F04002X+L130	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:25.3°C
 Operators:LYJ
 Test Date:2023-02-28

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
 Humidity:65.0%
 Test Distance:26.000m [K=0.4556]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

BUG REPORT

Test:U:230.0V I:2.665A P:600.0W PF:0.979 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:76386.4x1 lm		
NAME: SP04-600-5770-F04002X+L130	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	54823	71.8
FM - Front-Medium(30-60)	5068.1	6.6
FH - Front-High(60-80)	392.63	0.5
FVH - Front-Very High(80-90)	9.1383	0.0
Total Forward Light	60293	78.9

BL - Back-Low(0-30)	9397.7	12.3
BM - Back-Medium(30-60)	5074.4	6.6
BH - Back-High(60-80)	1542	2.0
BVH - Back-Very High(80-90)	79.312	0.1
Total Back Light	16093	21.1

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-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	16093	0	16093
Street Side	60293	0	60293

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:LYJ
 Test Date:2023-02-28

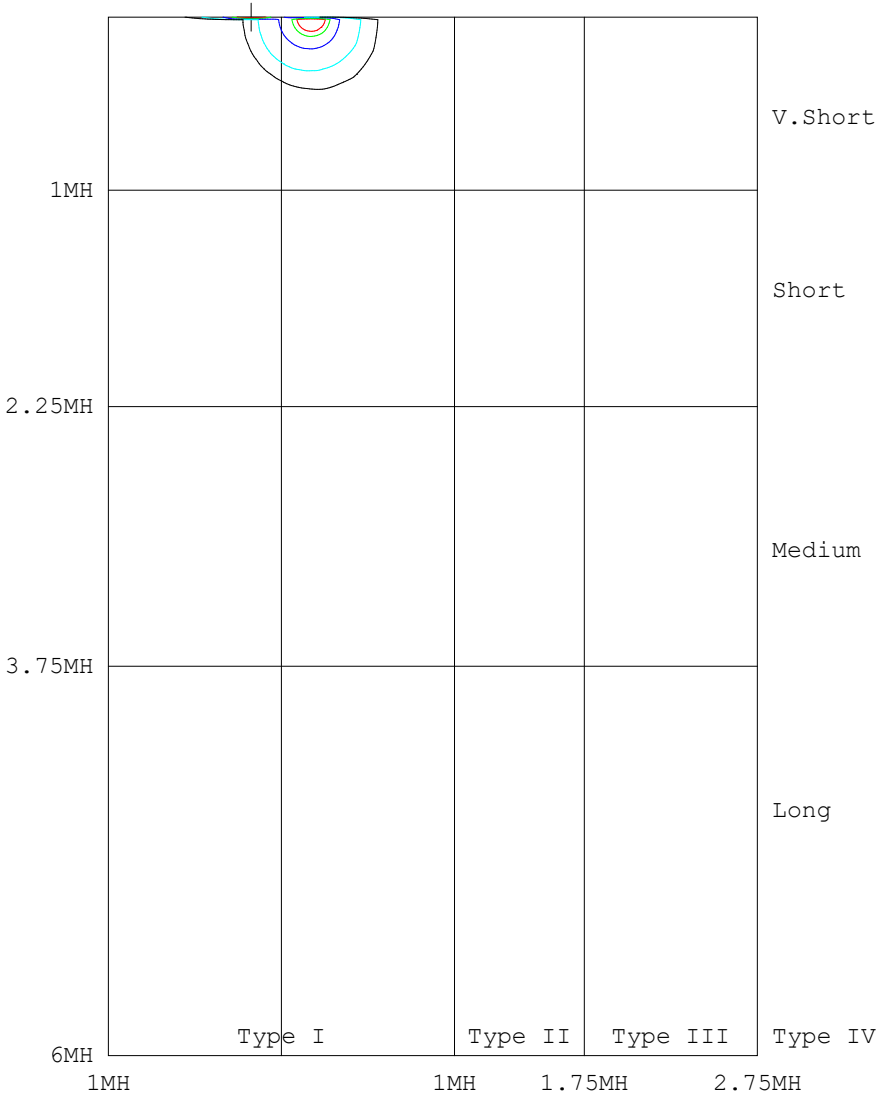
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
 Humidity:65.0%
 Test Distance:26.000m [K=0.4556]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:230.0V I:2.665A P:600.0W PF:0.979 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:76386.4x1 lm		
NAME: SP04-600-5770-F04002X+L130	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:25.3℃
Operators:LYJ
Test Date:2023-02-28

Pavement

70% 6.0342e+005
50% 4.3102e+005

Road

7240e+0180DEG
0.5DEG

2.5% 21551

Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4556]
Remarks: