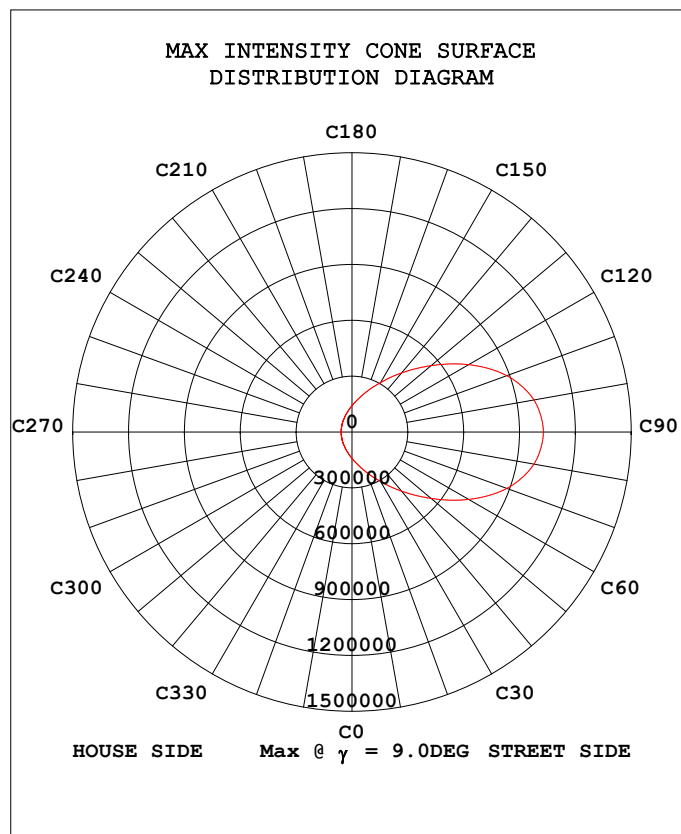
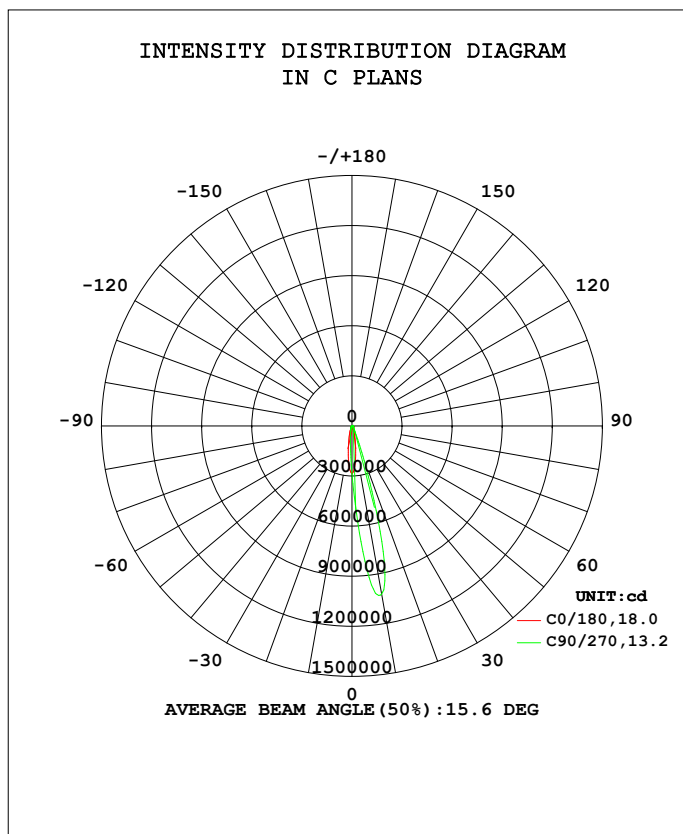


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.0V I:3.571A P:800.0W PF:0.974 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:106933x1 lm		
NAME: SP04-800-5770-F04002	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

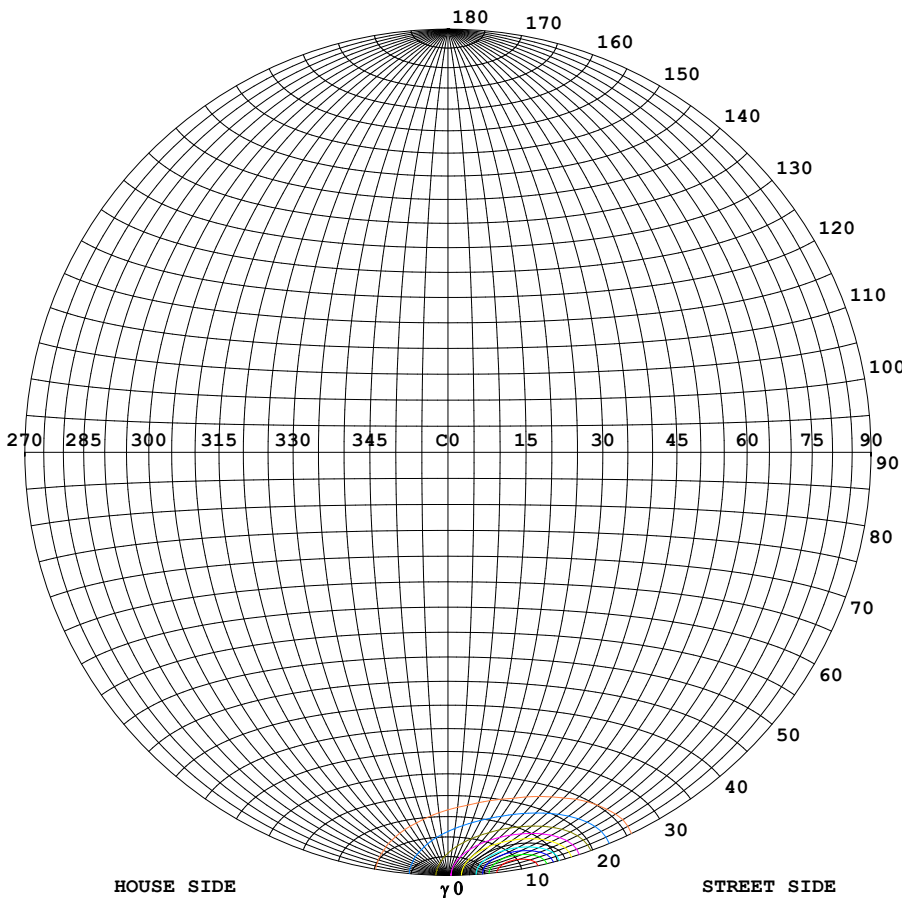
DATA OF LAMP		PHOTOMETRIC DATA Eff: 133.67 lm/W			
MODEL	/	I _{max} (cd)	1028078	η street_up(%)	0.0
NOMINAL POWER(W)	/	LOR(%)	100.0	η street_down(%)	79.0
RATED VOLTAGE(V)	/	TOTAL FLUX(lm)	106933	η house_up(%)	0.0
NOMINAL FLUX(lm)	106933	MAXIMUM @ (C,γ)	90,9.0	η house_down(%)	21.0
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	/	η down(%)	100.0	SLI	



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LYJ
Test Date:2023-03-09











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.At80:6.180cd/klm
Max.At90:0cd/klm
Max.80-90:6.180cd/klm
NRB 5101:Limited[1.1%]

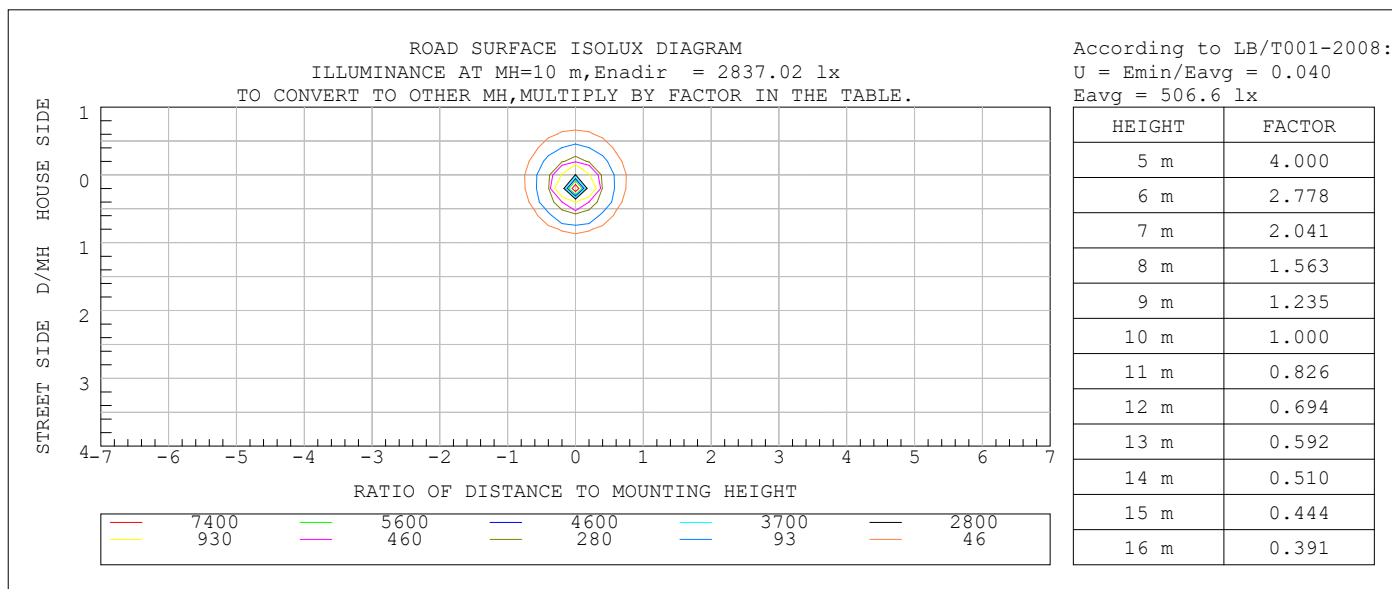
ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	1028078
 90%	925270
 80%	822462
 70%	719655
 60%	616847
 50%	514039
 40%	411231
 30%	308423
 20%	205616
 10%	102808
 5%	51404

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LYJ
Test Date: 2023-03-09

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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: 5.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LYJ
Test Date: 2023-03-09

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

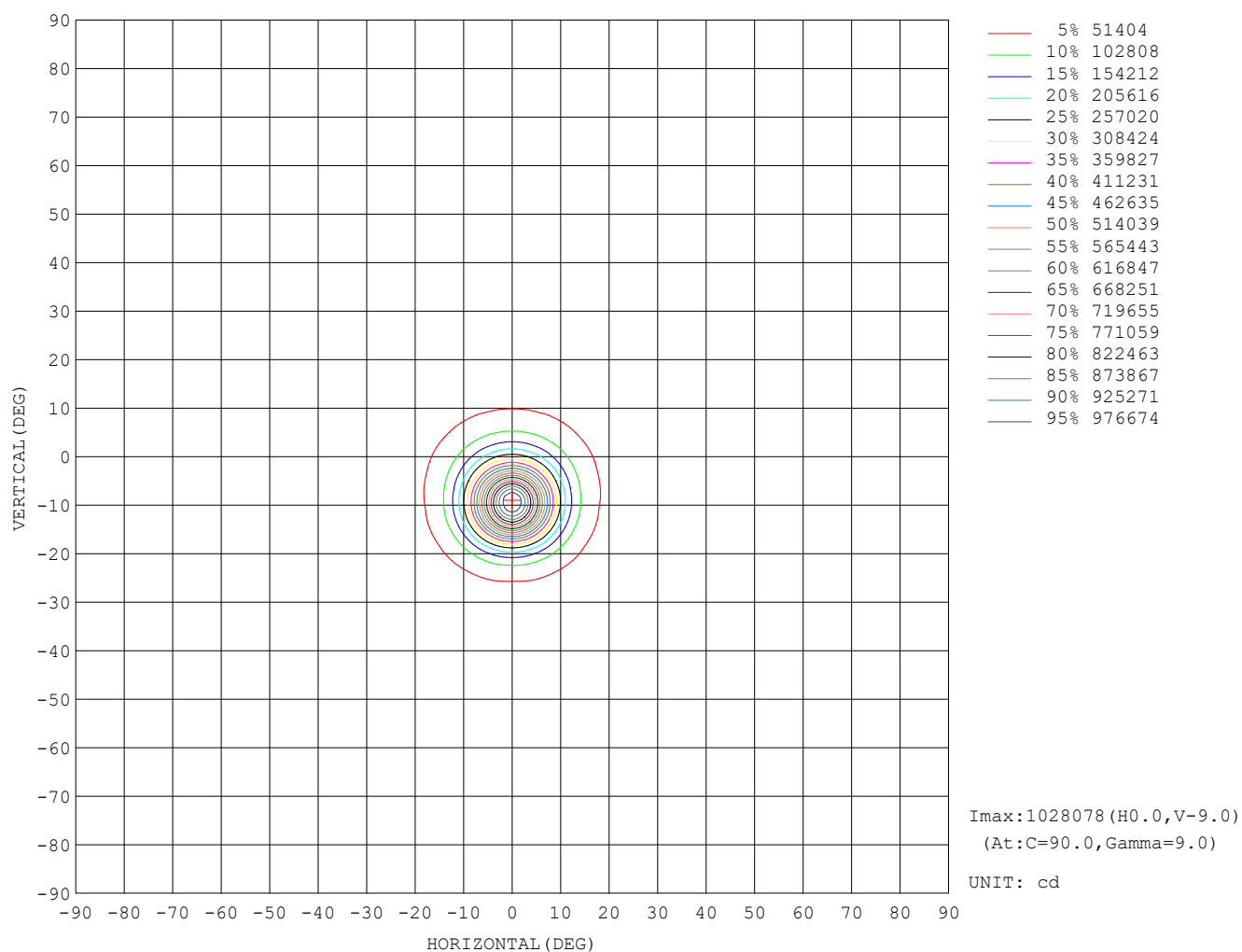
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	123.7	446.9	1023	446.9	123.7	63.43	50.14	63.43	0- 10	29863	29863	27.9,27.9
20	32.56	85.19	193.1	85.19	32.56	18.32	15.40	18.32	10- 20	43466	73329	68.6,68.6
30	12.29	23.14	31.09	23.14	12.29	9.522	8.754	9.522	20- 30	13410	86739	81.1,81.1
40	7.304	9.018	10.50	9.018	7.304	6.560	6.299	6.560	30- 40	6936	93675	87.6,87.6
50	5.388	5.686	5.794	5.686	5.388	5.244	4.773	5.244	40- 50	4977	98652	92.3,92.3
60	3.696	4.073	3.839	4.073	3.696	3.748	2.931	3.748	50- 60	4073	102725	96.1,96.1
70	2.014	2.362	2.173	2.362	2.014	1.784	1.229	1.784	60- 70	2799	105524	98.7,98.7
80	0.5688	0.6609	0.6256	0.6609	0.5688	0.3679	0.2712	0.3679	70- 80	1233	106757	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	176.0	106933	100,100
100	0	0	0	0	0	0	0	0	90-100	0	106933	100,100
110	0	0	0	0	0	0	0	0	100-110	0	106933	100,100
120	0	0	0	0	0	0	0	0	110-120	0	106933	100,100
130	0	0	0	0	0	0	0	0	120-130	0	106933	100,100
140	0	0	0	0	0	0	0	0	130-140	0	106933	100,100
150	0	0	0	0	0	0	0	0	140-150	0	106933	100,100
160	0	0	0	0	0	0	0	0	150-160	0	106933	100,100
170	0	0	0	0	0	0	0	0	160-170	0	106933	100,100
180	0	0	0	0	0	0	0	0	170-180	0	106933	100,100
DEG	LUMINOUS INTENSITY:X1000cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:LYJ
 Test Date:2023-03-09

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:

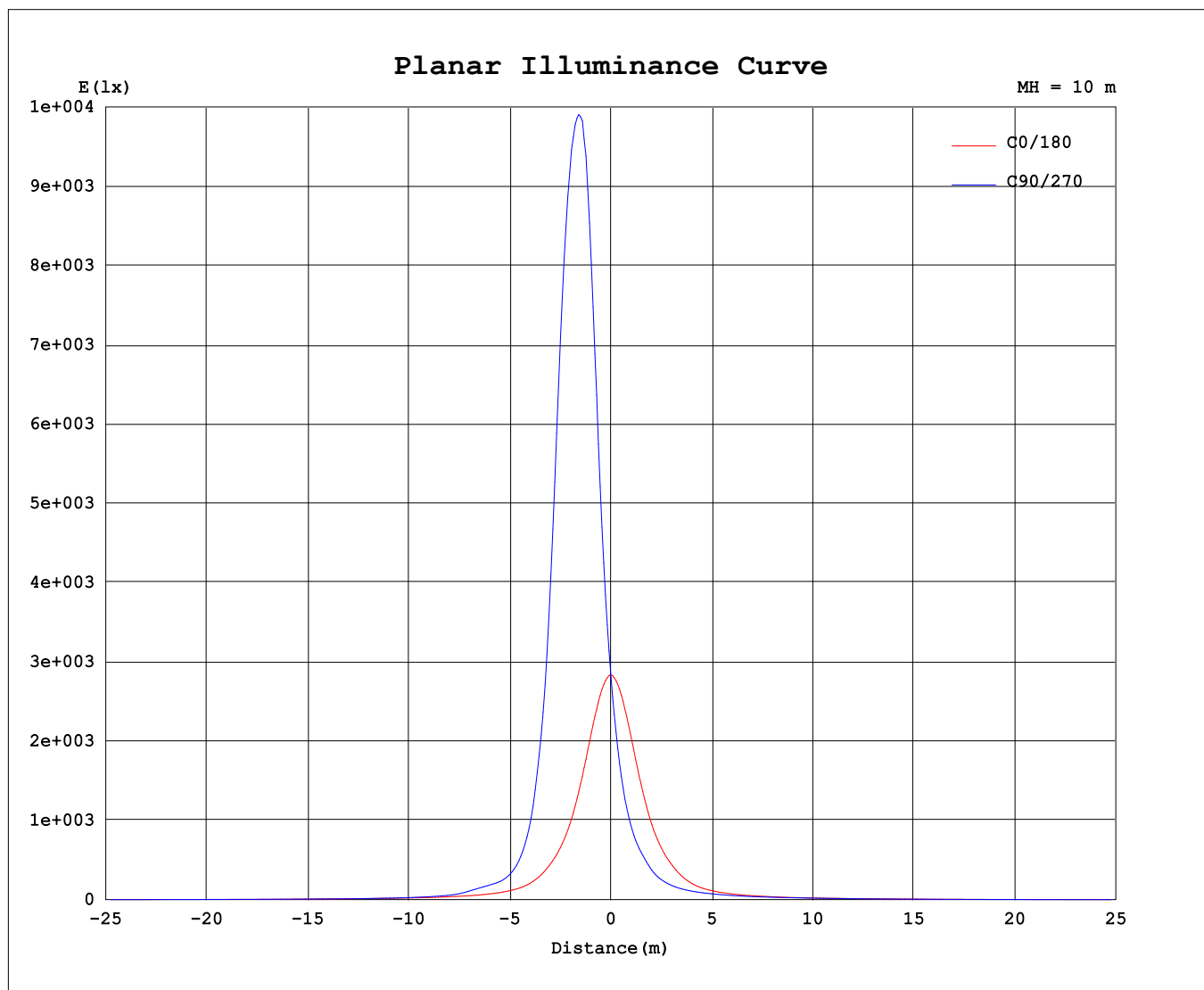
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:LYJ
Test Date:2023-03-09

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: 5.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LYJ
Test Date: 2023-03-09

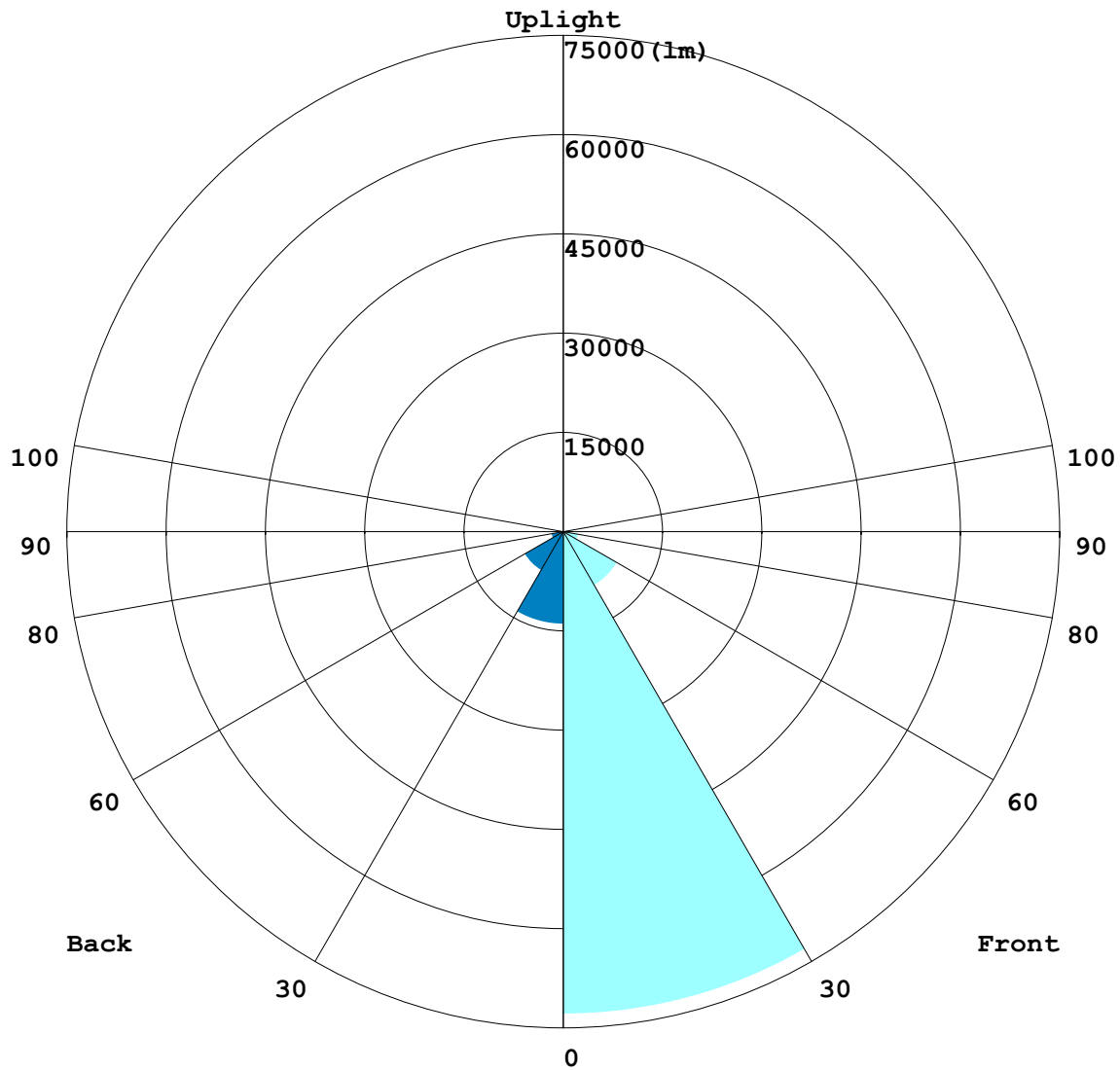
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity: 65.0%
Test Distance: 26.000m [K=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:230.0V I:3.571A P:800.0W PF:0.974 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:106933x1 lm		
NAME: SP04-800-5770-F04002	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LYJ
Test Date:2023-03-09

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:3.571A P:800.0W PF:0.974 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:106933x1 lm		
NAME: SP04-800-5770-F04002	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	72828	68.1
FM - Front-Medium(30-60)	9300.8	8.7
FH - Front-High(60-80)	2247.3	2.1
FVH - Front-Very High(80-90)	109.29	0.1
Total Forward Light	84486	79.0

BL - Back-Low(0-30)	13911	13.0
BM - Back-Medium(30-60)	6684.9	6.3
BH - Back-High(60-80)	1784.6	1.7
BVH - Back-Very High(80-90)	66.684	0.1
Total Back Light	22447	21.0

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	22447	0	22447
Street Side	84486	0	84486

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LYJ
Test Date:2023-03-09

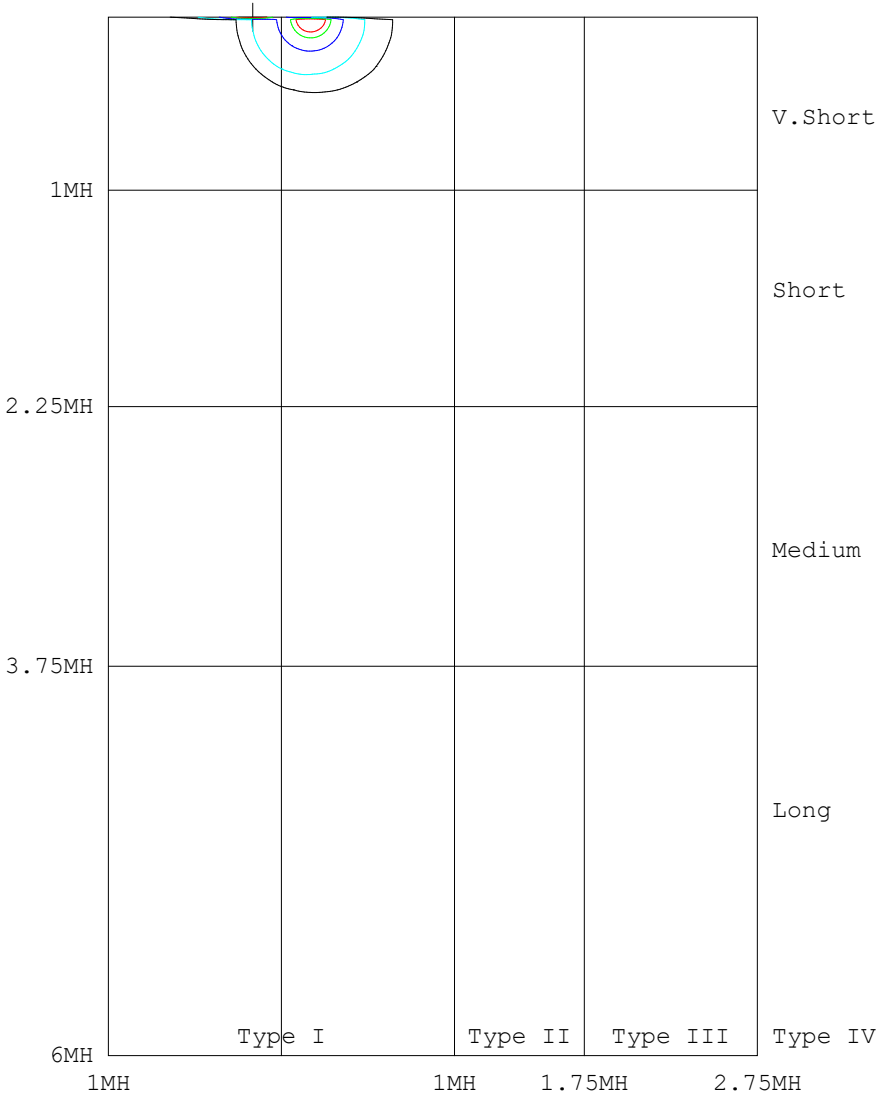
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:230.0V I:3.571A P:800.0W PF:0.974 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:106933x1 lm		
NAME: SP04-800-5770-F04002	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LYJ
Test Date:2023-03-09

Pavement: 70% 7.1955e+00 Road: 50% 5.1376e+00

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