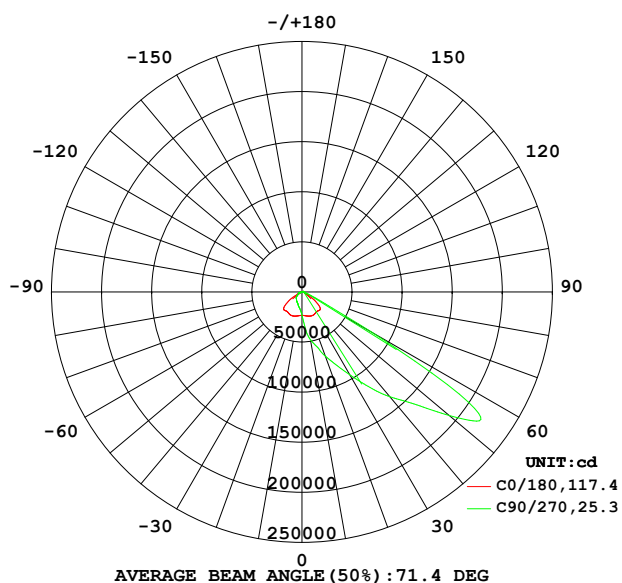
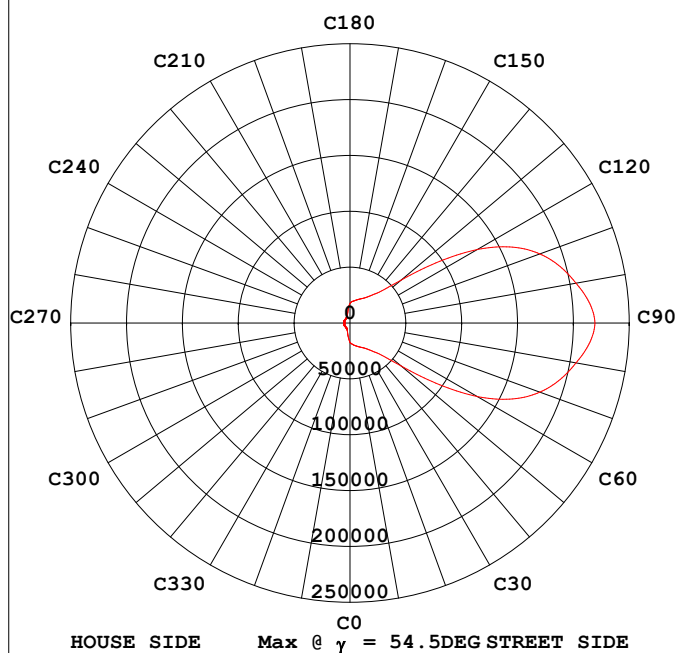


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:227.8V I:0.000A P:1195.3W PF:0.996 Freq:580.0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:150592x1 lm		
NAME: SP04-1K2-5770-F04013-L39	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

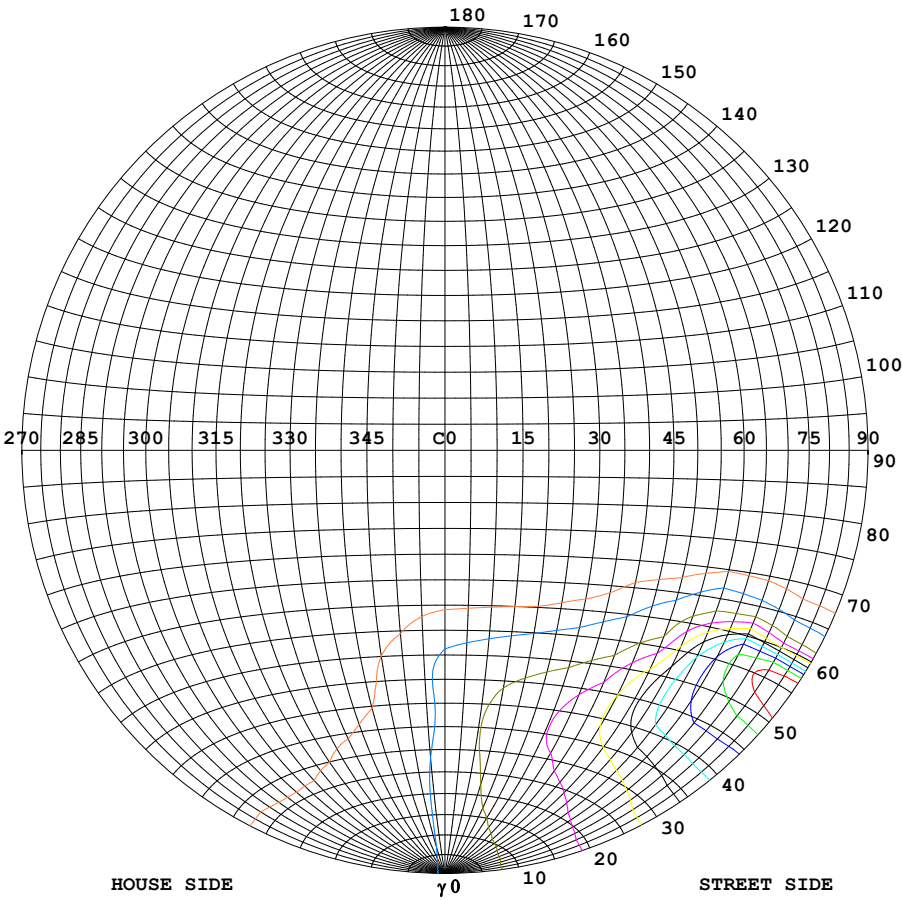
DATA OF LAMP		PHOTOMETRIC DATA Eff: 125.99 lm/W			
MODEL	/	I _{max} (cd)	219294	η street_up (%)	0.0
NOMINAL POWER (W)	/	LOR (%)	100.0	η street_down (%)	87.1
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	150592	η house_up (%)	0.0
NOMINAL FLUX (lm)	150592	MAXIMUM @ (C, γ)	90, 54.5	η house_down (%)	12.9
LAMPS INSIDE	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°C
Operators: LYJ
Test Date: 2023-04-25

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=0.4556]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

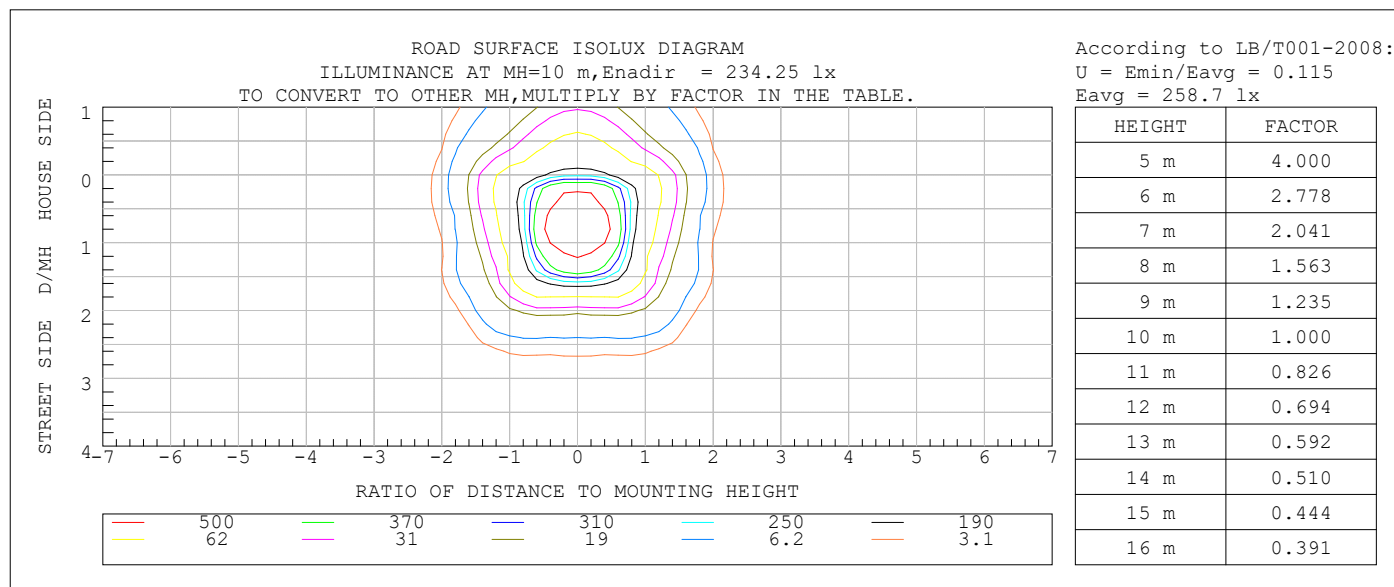


Classification:
IES:Type II - Very Short
CIE:Broad - Short
IES:Full cut-off
CIE:Full cut-off
Max.At80:7.584cd/klm
Max.At90:0cd/klm
Max.80-90:7.584cd/klm
NRB 5101:Limited[1.5%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	219294
90%	197364
80%	175435
70%	153506
60%	131576
50%	109647
40%	87717
30%	65788
20%	43859
10%	21929
5%	10965

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LYJ
Test Date:2023-04-25

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=0.4556]
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: 2023-04-25

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=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

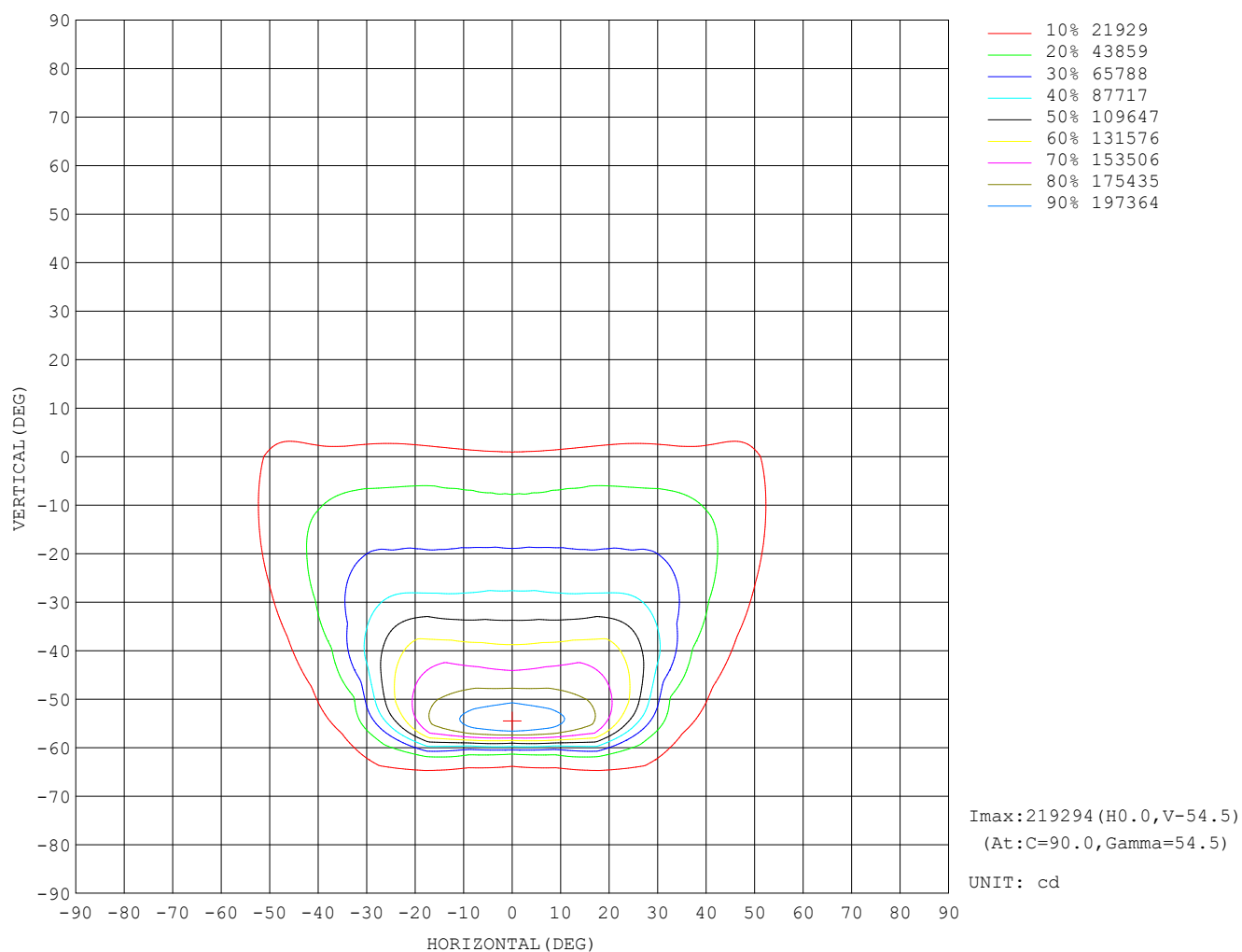
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	242.7	435.2	481.9	435.2	242.7	169.6	157.9	169.6	0- 10	2545	2545	1.69,1.69
20	255.8	584.6	681.2	584.6	255.8	137.8	122.8	137.8	10- 20	9250	11795	7.83,7.83
30	254.0	712.6	954.9	712.6	254.0	106.5	105.3	106.5	20- 30	17700	29495	19.6,19.6
40	247.7	892.5	1366	892.5	247.7	84.33	87.96	84.33	30- 40	28870	58365	38.8,38.8
50	231.7	726.2	1918	726.2	231.7	64.73	66.47	64.73	40- 50	40373	98738	65.6,65.6
60	91.45	264.8	805.0	264.8	91.45	42.20	42.04	42.20	50- 60	39431	138169	91.8,91.8
70	26.27	48.61	61.33	48.61	26.27	17.24	33.99	17.24	60- 70	10526	148695	98.7,98.7
80	7.149	1.406	0.5431	1.406	7.149	4.528	8.754	4.528	70- 80	1719	150414	99.9,99.9
90	0	0	0	0	0	0	0	0	80- 90	178.2	150592	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: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LYJ
 Test Date:2023-04-25

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=0.4556]
 Remarks:

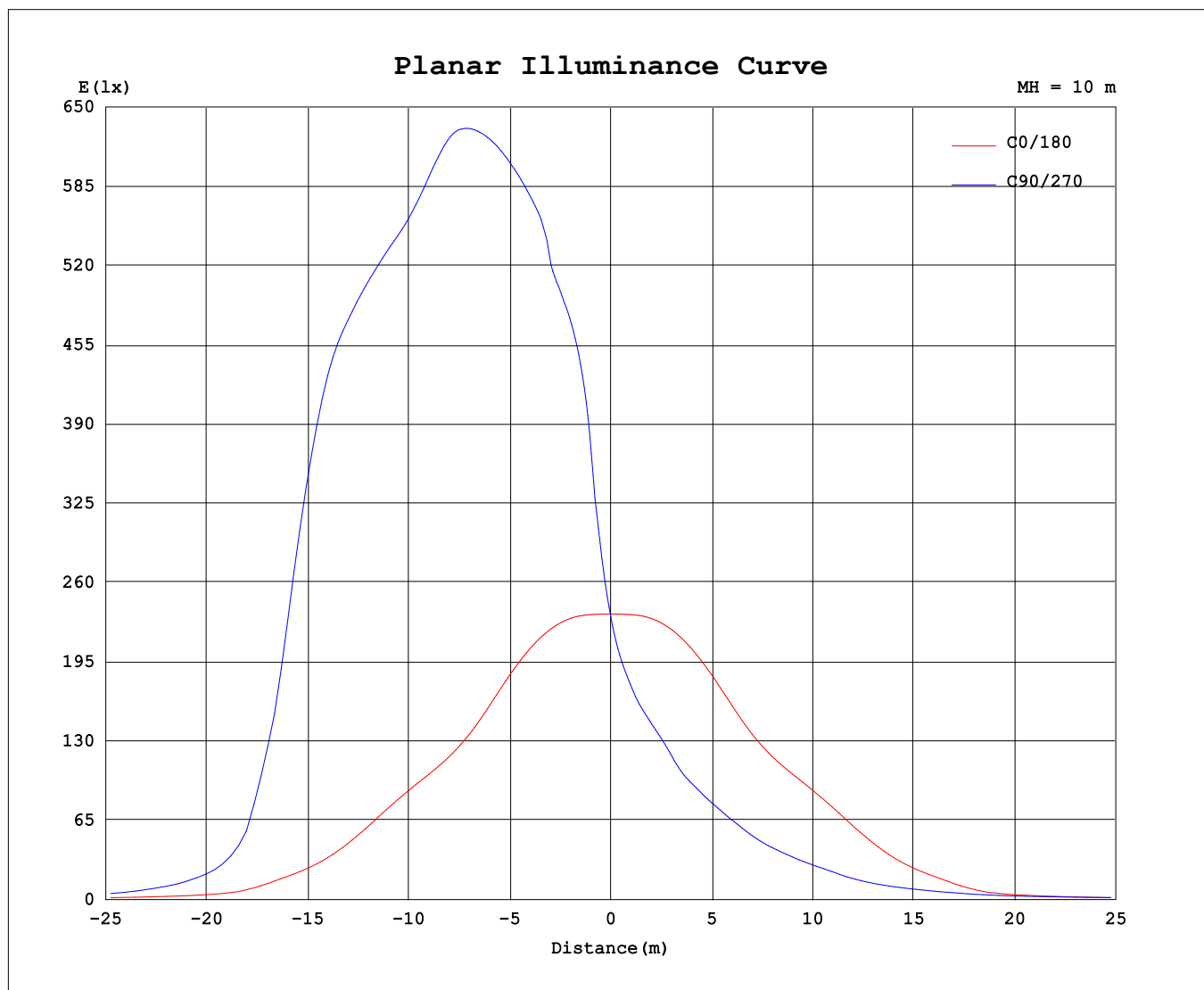
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:LYJ
Test Date:2023-04-25

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=0.4556]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LYJ
Test Date: 2023-04-25

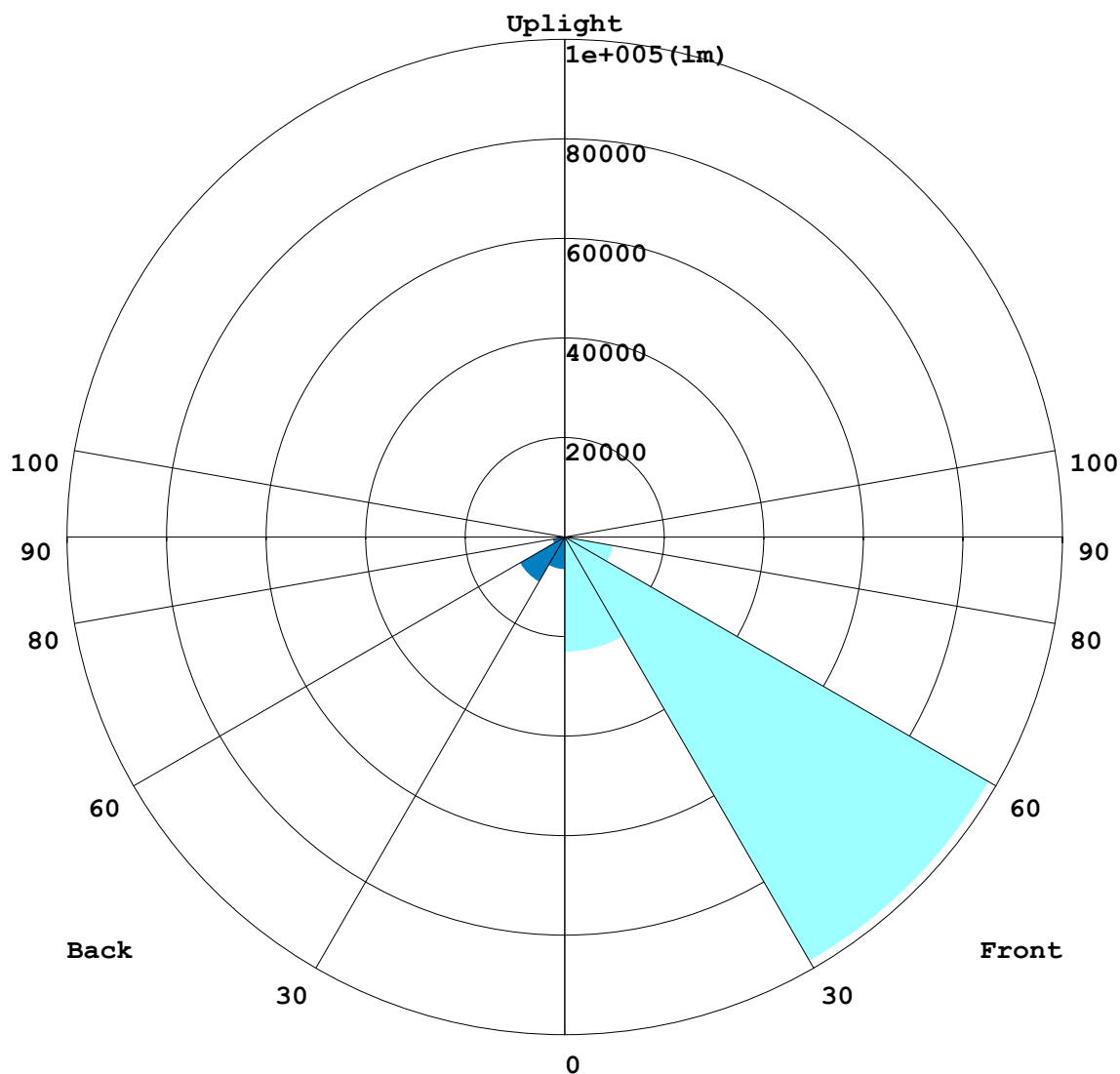
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity: 65.0%
Test Distance: 26.000m [K=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:227.8V I:0.000A P:1195.3W PF:0.996 Freq:580.0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:150592x1 lm		
NAME: SP04-1K2-5770-F04013-L39	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:2023-04-25

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=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

BUG REPORT

Test:U:227.8V I:0.000A P:1195.3W PF:0.996 Freq:580.0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:150592x1 lm		
NAME: SP04-1K2-5770-F04013-L39	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	23042	15.3
FM - Front-Medium(30-60)	98315	65.3
FH - Front-High(60-80)	9821.8	6.5
FVH - Front-Very High(80-90)	54.11	0.0
Total Forward Light	1.3123e+005	87.1

BL - Back-Low(0-30)	6453.3	4.3
BM - Back-Medium(30-60)	10359	6.9
BH - Back-High(60-80)	2422.8	1.6
BVH - Back-Very High(80-90)	124.07	0.1
Total Back Light	19359	12.9

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-G4
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	19359	0	19359
Street Side	1.3123e+005	0	1.3123e+005

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LYJ
Test Date:2023-04-25

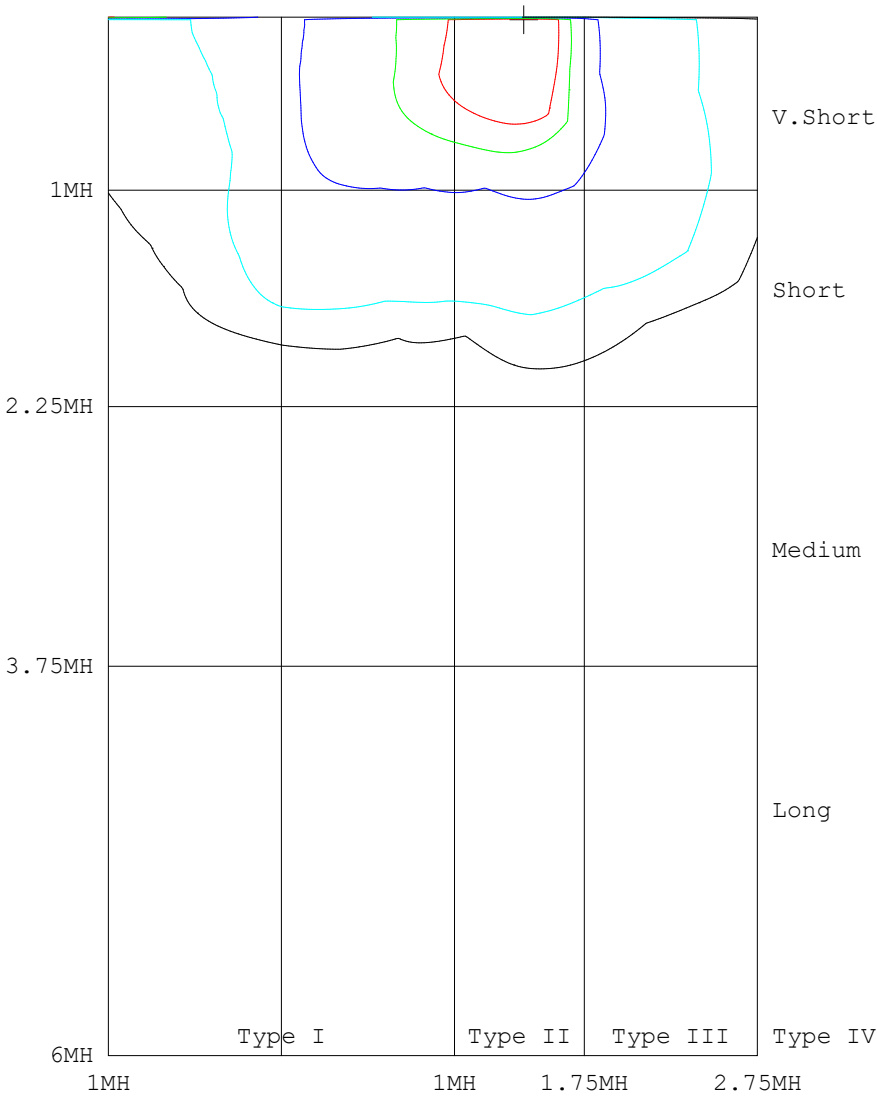
γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:227.8V I:0.000A P:1195.3W PF:0.996 Freq:580.0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:150592x1 lm		
NAME: SP04-1K2-5770-F04013-L39	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°C
Operators:LYJ
Test Date:2023-04-25

Pavement: 70% 1.5293e+005 Road: 30% 1.0923e+005
Range: 43693 90DEG
Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4556]
Remarks: