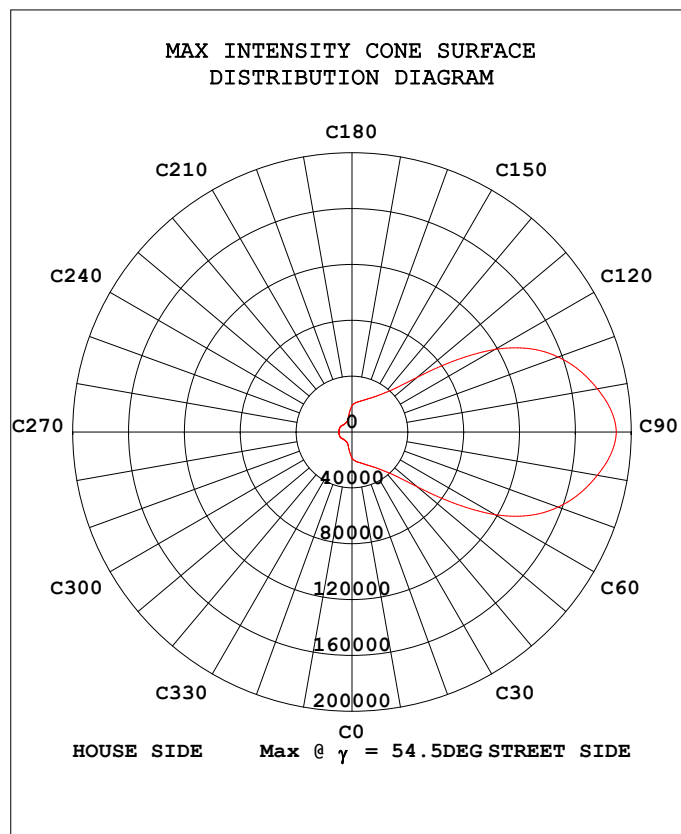
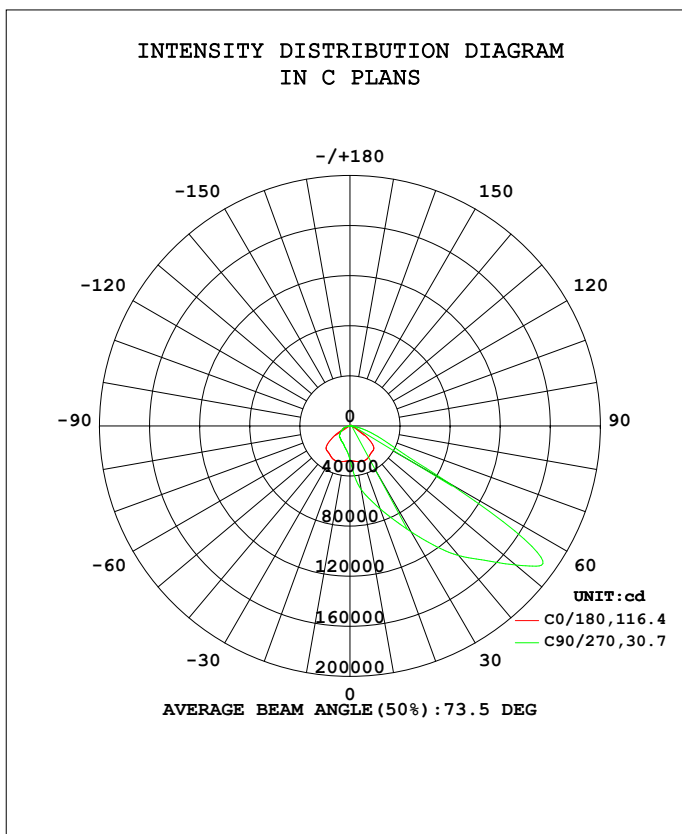


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:227.7V I:5.283A P:1198.6W PF:0.996 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:161189x1 lm		
NAME: SP04-1K2-5770-F04013	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

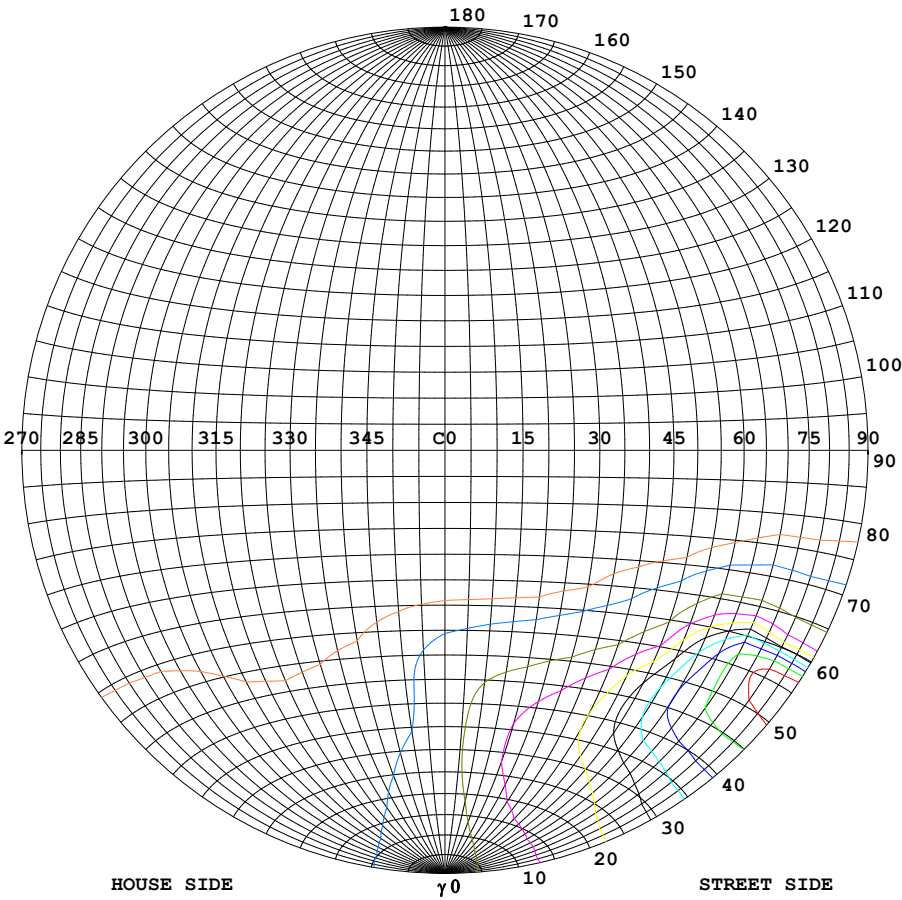
DATA OF LAMP		PHOTOMETRIC DATA Eff: 134.48 lm/W			
MODEL	/	I _{max} (cd)	189309	η street_up (%)	0.0
NOMINAL POWER (W)	/	LOR (%)	100.0	η street_down (%)	84.2
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	161189	η house_up (%)	0.0
NOMINAL FLUX (lm)	161189	MAXIMUM @ (C, γ)	90,54.5	η house_down (%)	15.8
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	/	η down (%)	100.0	SLI	



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:

STREETLIGHT ISOCANDELA DIAGRAM

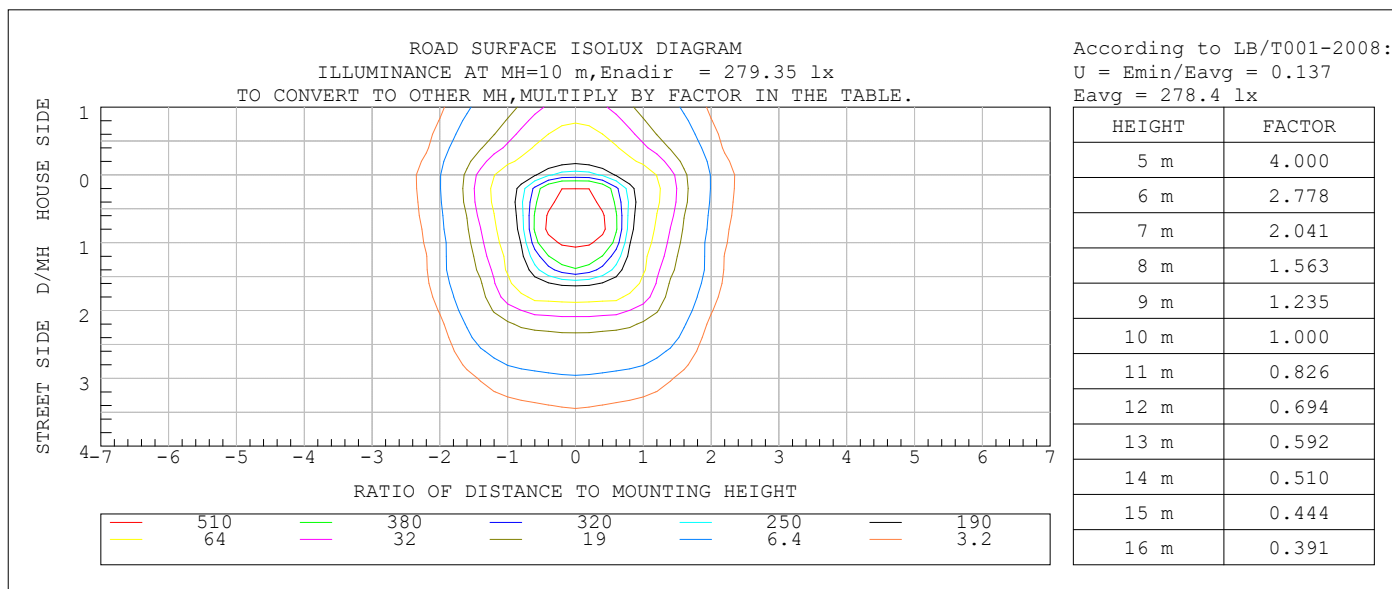


Classification:
IES:Type II - Very Short
CIE:Broad - Short
IES:Full cut-off
CIE:Semi-cut-off
Max.At80:39.50cd/klm
Max.At90:0cd/klm
Max.80-90:39.50cd/klm
NRB 5101:Limited[1.9%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	189309
90%	170378
80%	151447
70%	132516
60%	113586
50%	94655
40%	75724
30%	56793
20%	37862
10%	18931
5%	9465

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

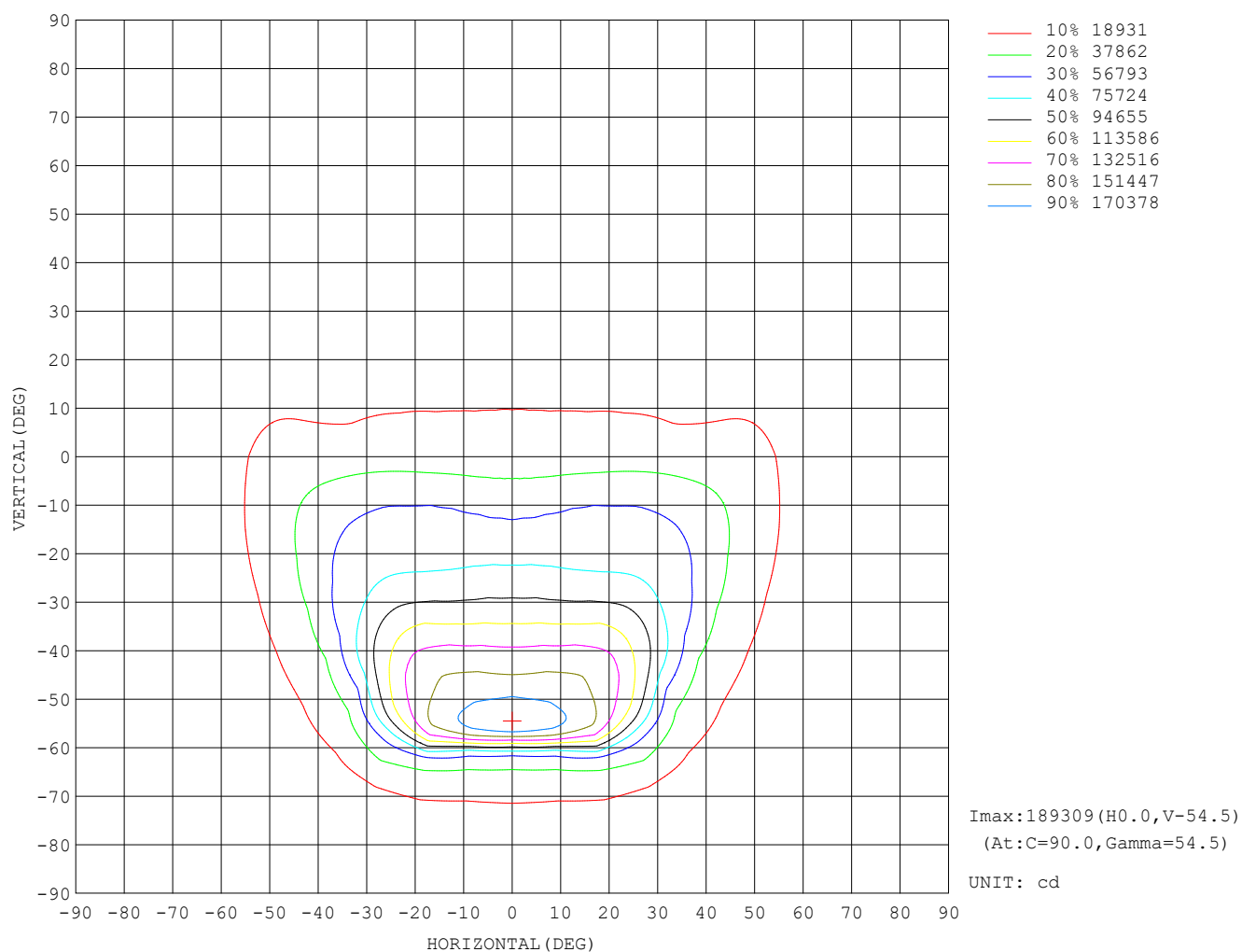
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	288.2	465.1	515.3	465.1	288.2	201.2	187.8	201.2	0- 10	2885	2885	1.79,1.79
20	299.6	620.4	703.9	620.4	299.6	166.0	152.7	166.0	10- 20	10181	13066	8.11,8.11
30	292.2	724.2	976.1	724.2	292.2	134.3	137.6	134.3	20- 30	18974	32040	19.9,19.9
40	272.1	869.4	1351	869.4	272.1	110.6	123.3	110.6	30- 40	29873	61913	38.4,38.4
50	240.9	709.4	1727	709.4	240.9	89.98	105.7	89.98	40- 50	39966	101880	63.2,63.2
60	110.3	304.5	908.1	304.5	110.3	64.99	78.90	64.99	50- 60	38197	140076	86.9,86.9
70	41.20	100.7	220.6	100.7	41.20	31.70	57.08	31.70	60- 70	15131	155207	96.3,96.3
80	13.35	26.89	63.66	26.89	13.35	9.283	16.12	9.283	70- 80	5073	160280	99.4,99.4
90	0	0	0	0	0	0	0	0	80- 90	908.7	161189	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:

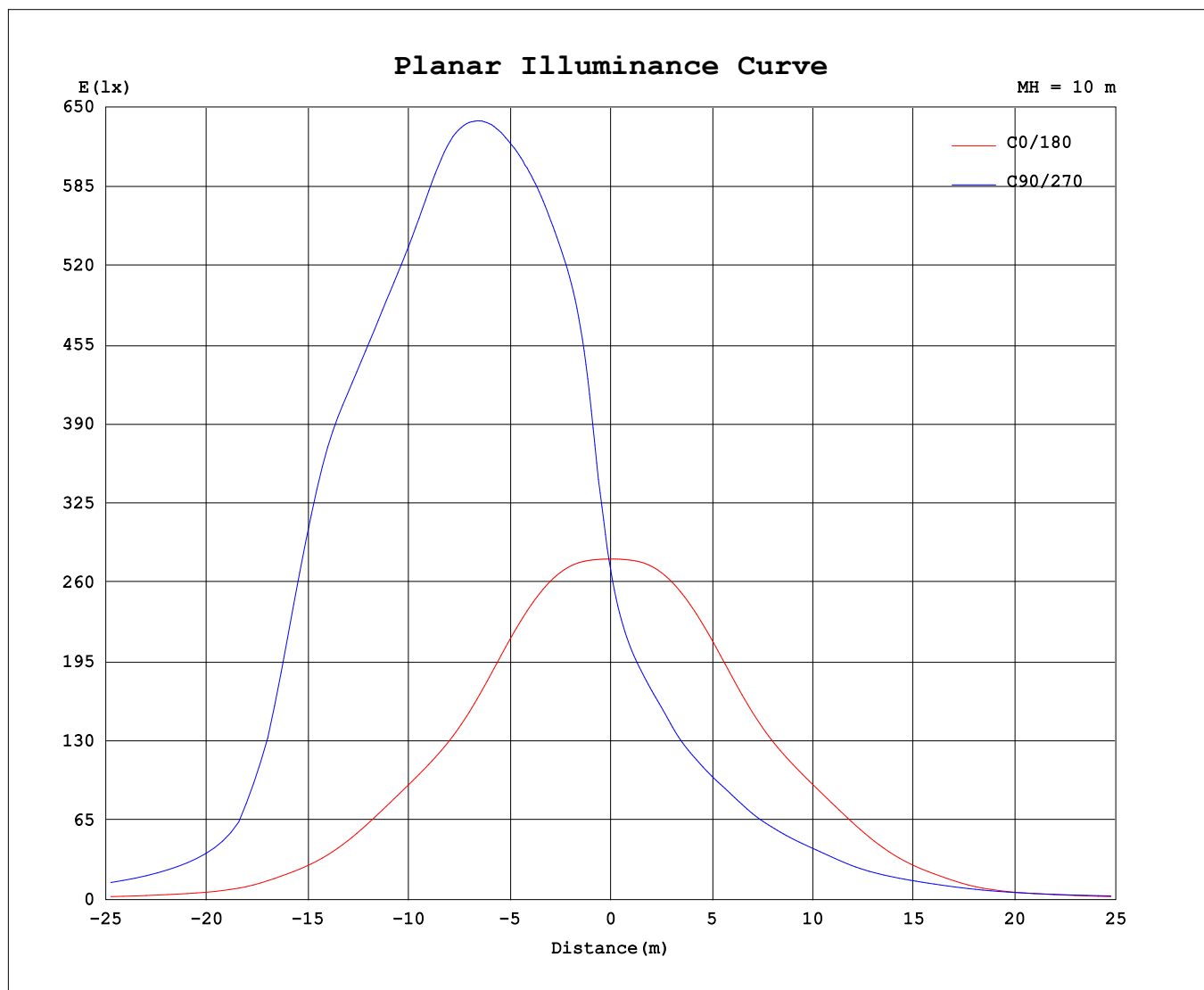
ISOCANDELA DIAGRAM



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

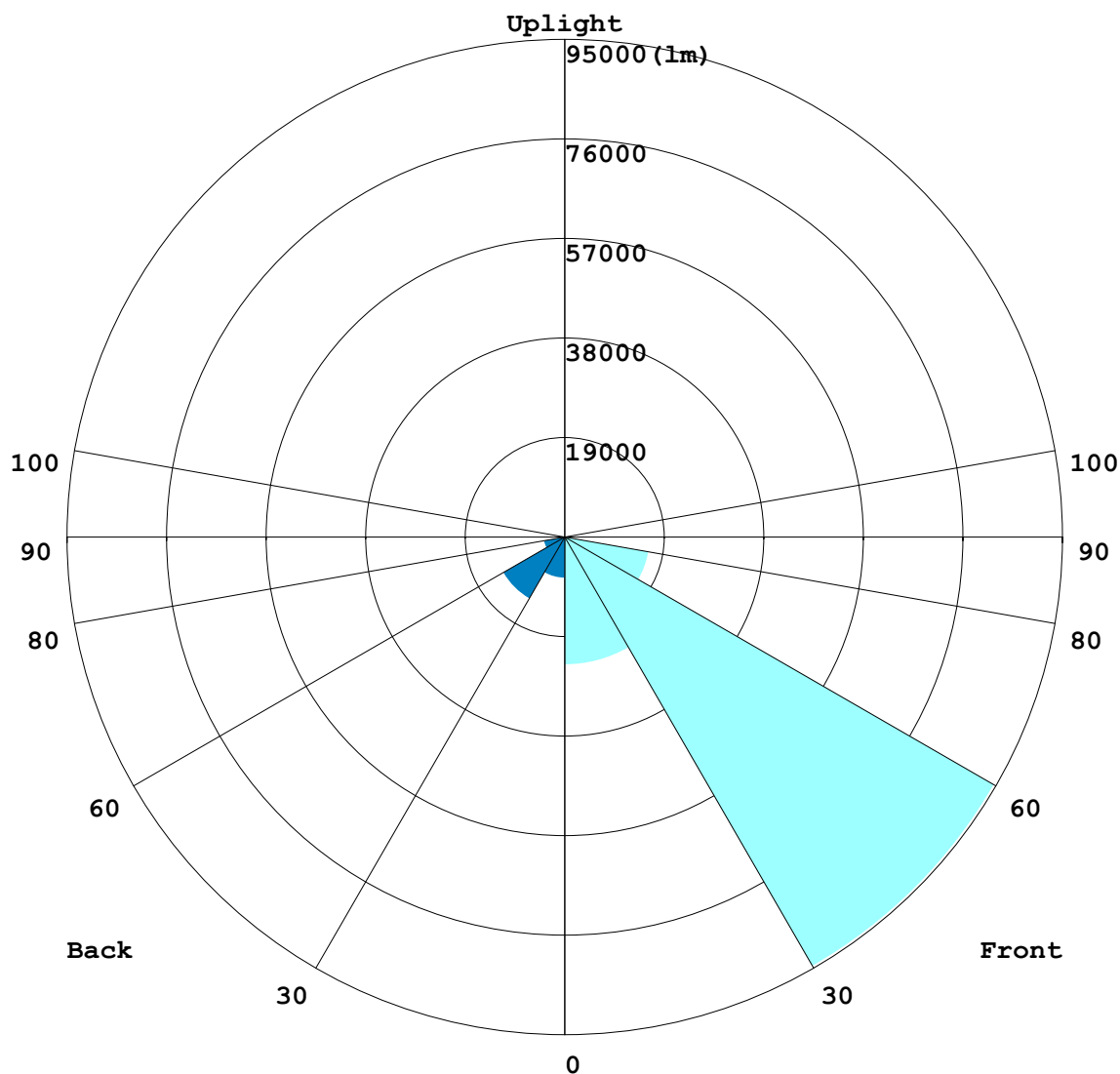
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity: 65.0%
Test Distance: 26.000m [K=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:227.7V I:5.283A P:1198.6W PF:0.996 Freq:50.01Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:161189x1 lm		
NAME: SP04-1K2-5770-F04013	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:227.7V I:5.283A P:1198.6W PF:0.996 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:161189x1 lm		
NAME: SP04-1K2-5770-F04013	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	24287	15.1
FM - Front-Medium(30-60)	94520	58.6
FH - Front-High(60-80)	16191	10.0
FVH - Front-Very High(80-90)	669.75	0.4
Total Forward Light	1.3567e+005	84.2

BL - Back-Low(0-30)	7753.2	4.8
BM - Back-Medium(30-60)	13516	8.4
BH - Back-High(60-80)	4013.3	2.5
BVH - Back-Very High(80-90)	238.98	0.1
Total Back Light	25522	15.8

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-G5
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	25522	0	25522
Street Side	1.3567e+005	0	1.3567e+005

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

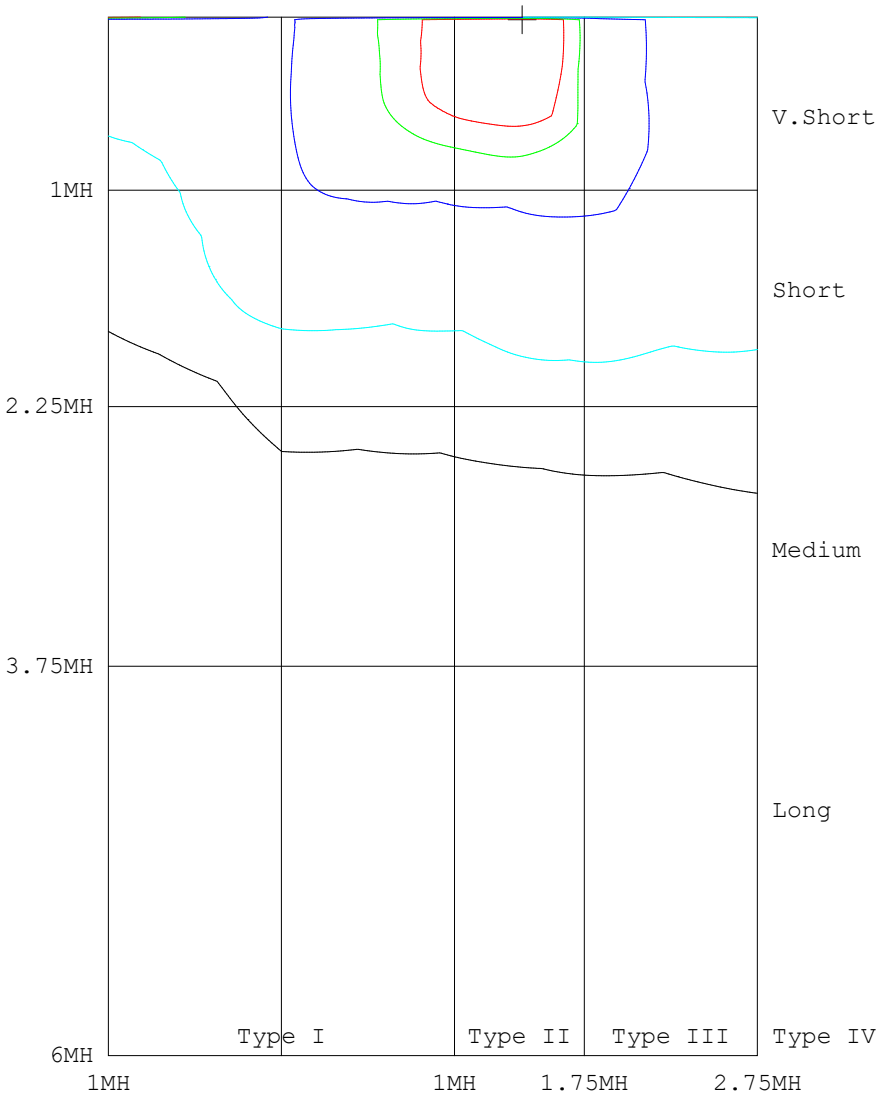
γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:227.7V I:5.283A P:1198.6W PF:0.996 Freq:50.01Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:161189x1 lm		
NAME: SP04-1K2-5770-F04013	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:2023-04-25

Pavement

70% 1.3209e+005 9434.7

50% 9434.7

2.5% 4717.3

0.5% 943.47

γ Range: 37039 - 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: