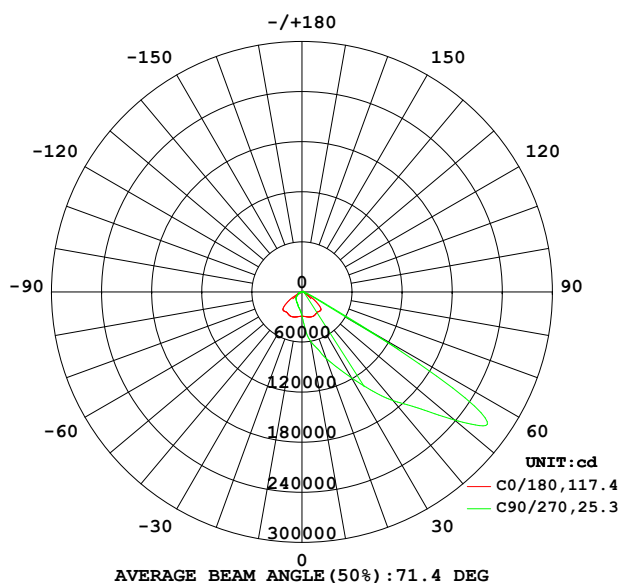
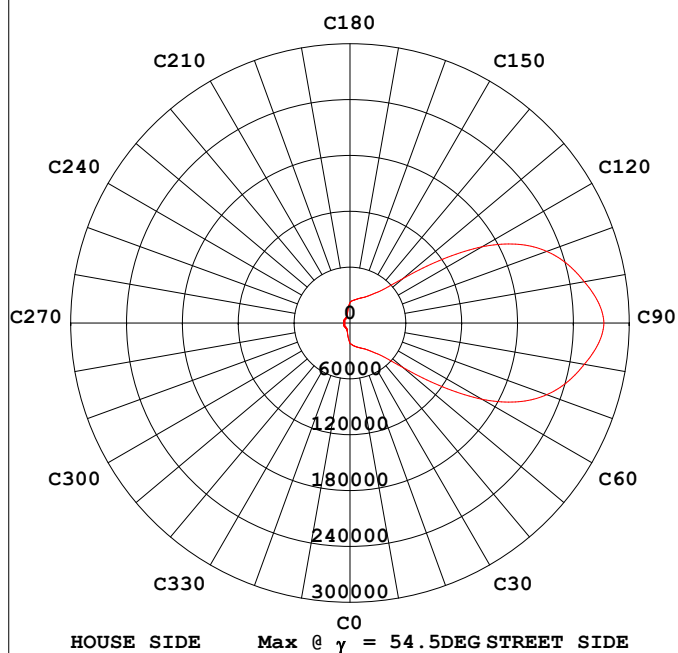


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.0V I:6.541A P:1500.0W PF:0.997 Freq:580.0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:187336x1 lm		
NAME: SP04-1K5-5770-F04013-L39	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

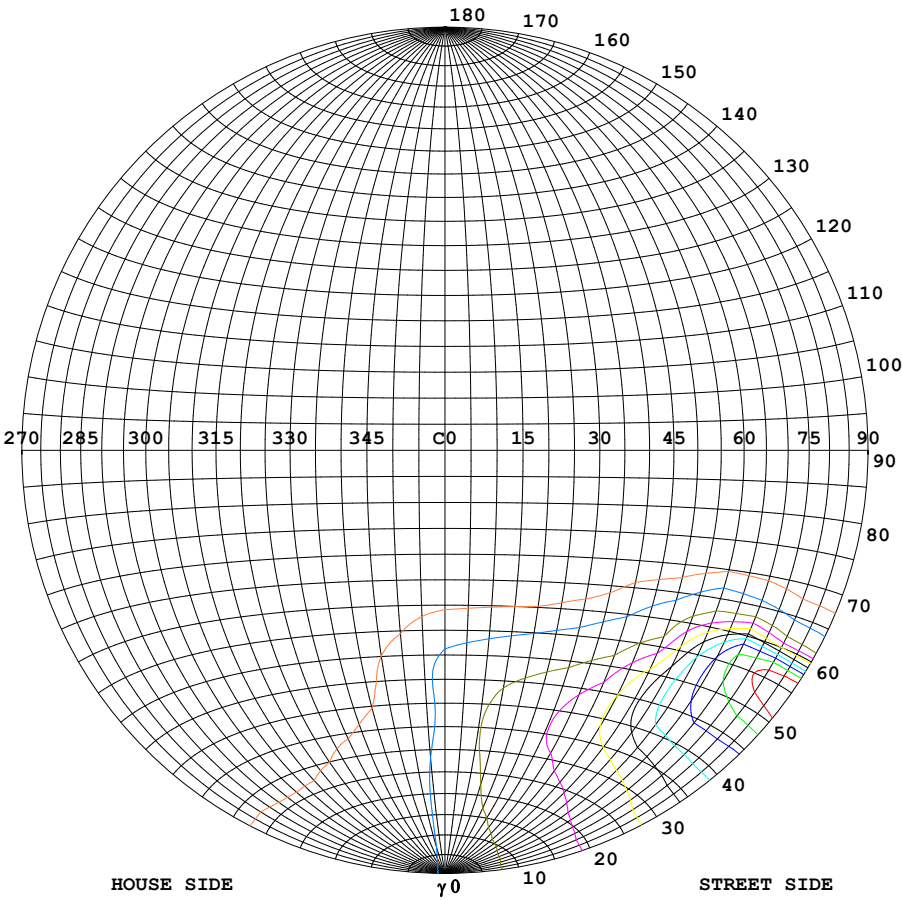
DATA OF LAMP		PHOTOMETRIC DATA Eff: 124.89 lm/W			
MODEL	/	I _{max} (cd)	272801	η street_up (%)	0.0
NOMINAL POWER (W)	/	LOR (%)	100.0	η street_down (%)	87.1
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	187336	η house_up (%)	0.0
NOMINAL FLUX (lm)	187336	MAXIMUM @ (C, γ)	90,54.5	η house_down (%)	12.9
LAMPS INSIDE	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℃
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

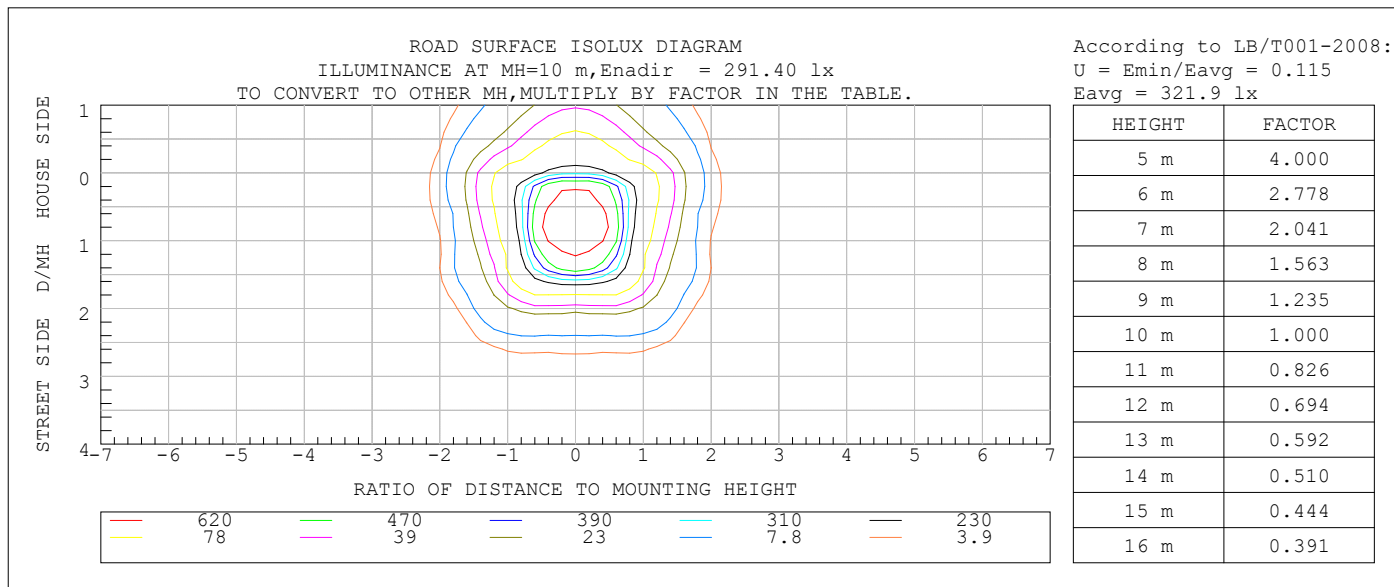
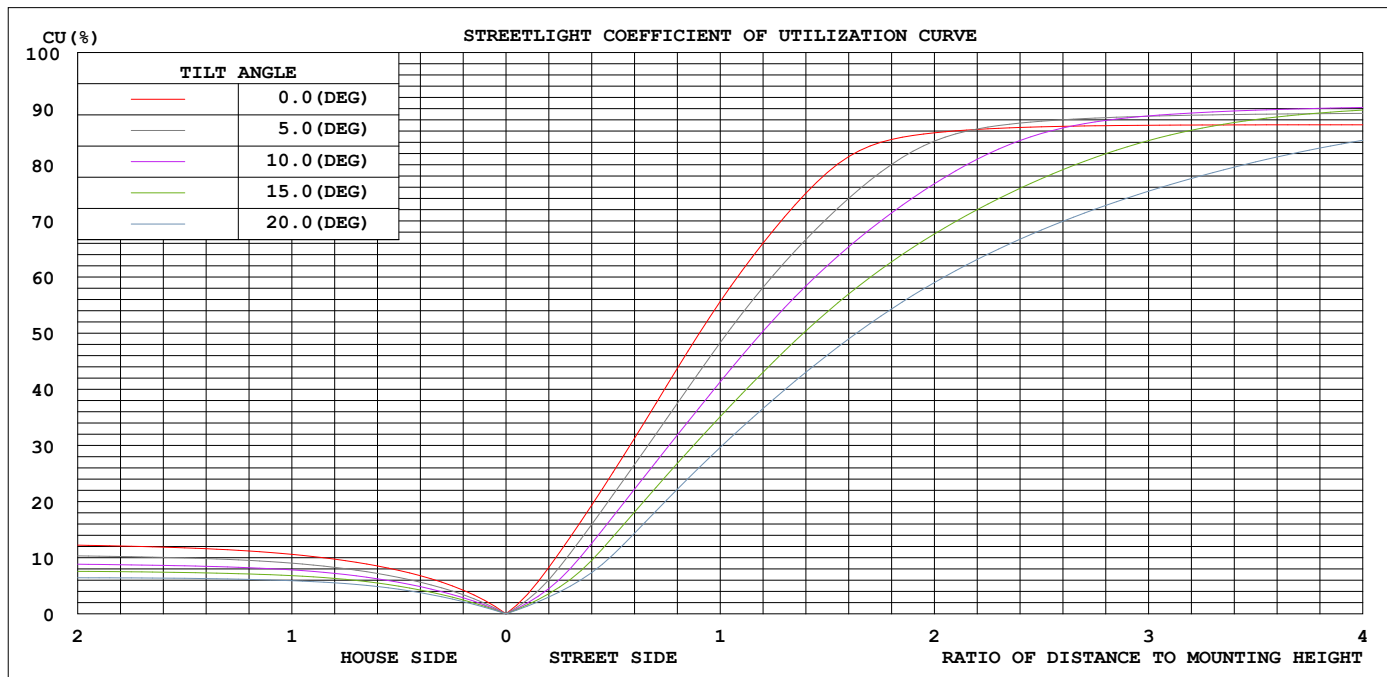


Classification:
IES:Type II - Very Short
CIE:Broad - Short
IES:Full cut-off
CIE:Full cut-off
Max.At80:7.584cd/klm
Max.At90:0cd/klm
Max.80-90:7.584cd/klm
NRB 5101:Limited[1.5%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	272801
90%	245521
80%	218241
70%	190961
60%	163681
50%	136401
40%	109120
30%	81840
20%	54560
10%	27280
5%	13640

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

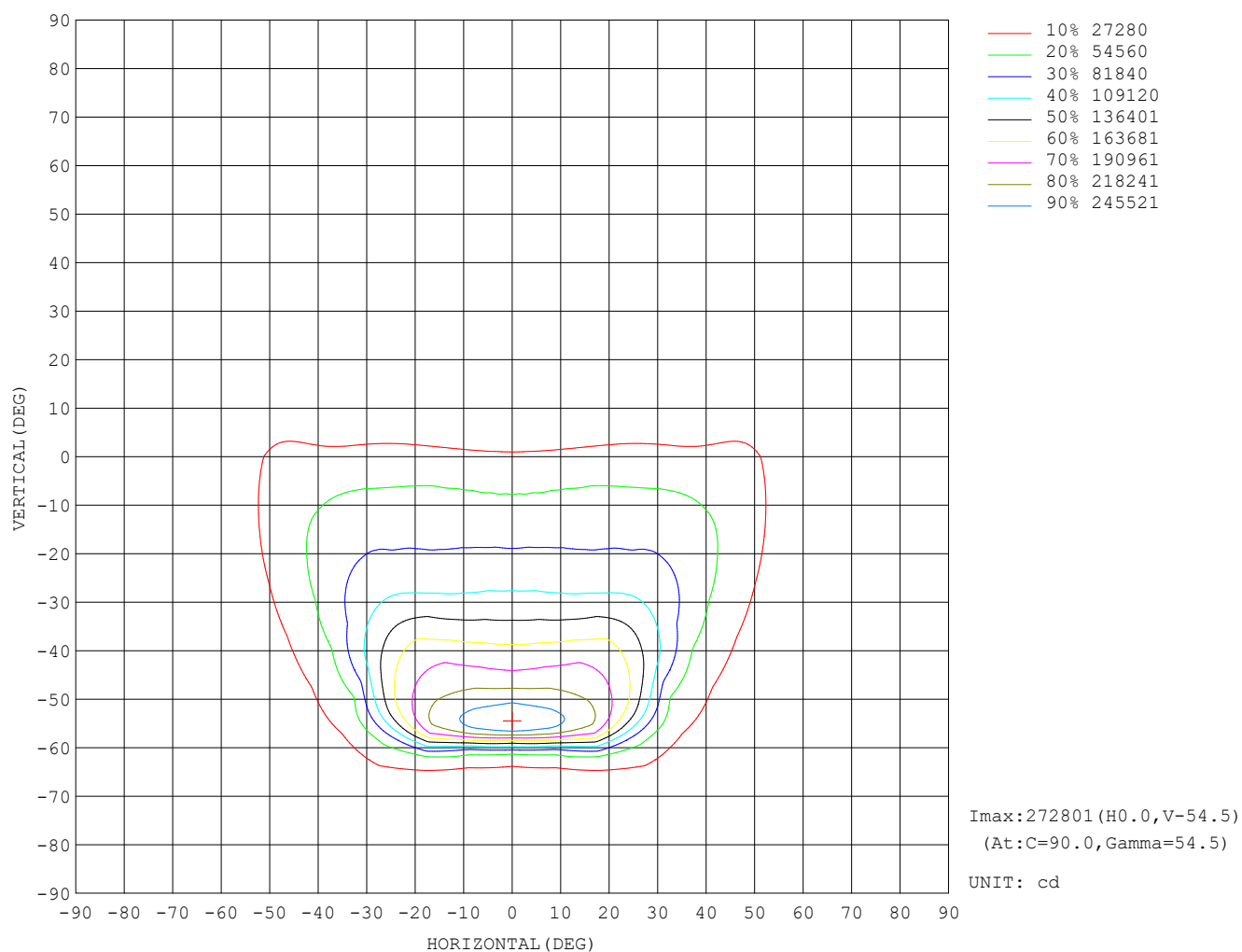
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	302.0	541.4	599.4	541.4	302.0	211.0	196.4	211.0	0- 10	3166	3166	1.69,1.69
20	318.2	727.3	847.4	727.3	318.2	171.4	152.8	171.4	10- 20	11507	14673	7.83,7.83
30	315.9	886.5	1188	886.5	315.9	132.5	130.9	132.5	20- 30	22019	36692	19.6,19.6
40	308.1	1110	1699	1110	308.1	104.9	109.4	104.9	30- 40	35914	72606	38.8,38.8
50	288.2	903.4	2386	903.4	288.2	80.53	82.69	80.53	40- 50	50224	122830	65.6,65.6
60	113.8	329.4	1001	329.4	113.8	52.50	52.30	52.50	50- 60	49053	171882	91.8,91.8
70	32.68	60.48	76.29	60.48	32.68	21.45	42.29	21.45	60- 70	13094	184976	98.7,98.7
80	8.893	1.749	0.6756	1.749	8.893	5.633	10.89	5.633	70- 80	2138	187115	99.9,99.9
90	0	0	0	0	0	0	0	0	80- 90	221.7	187336	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:

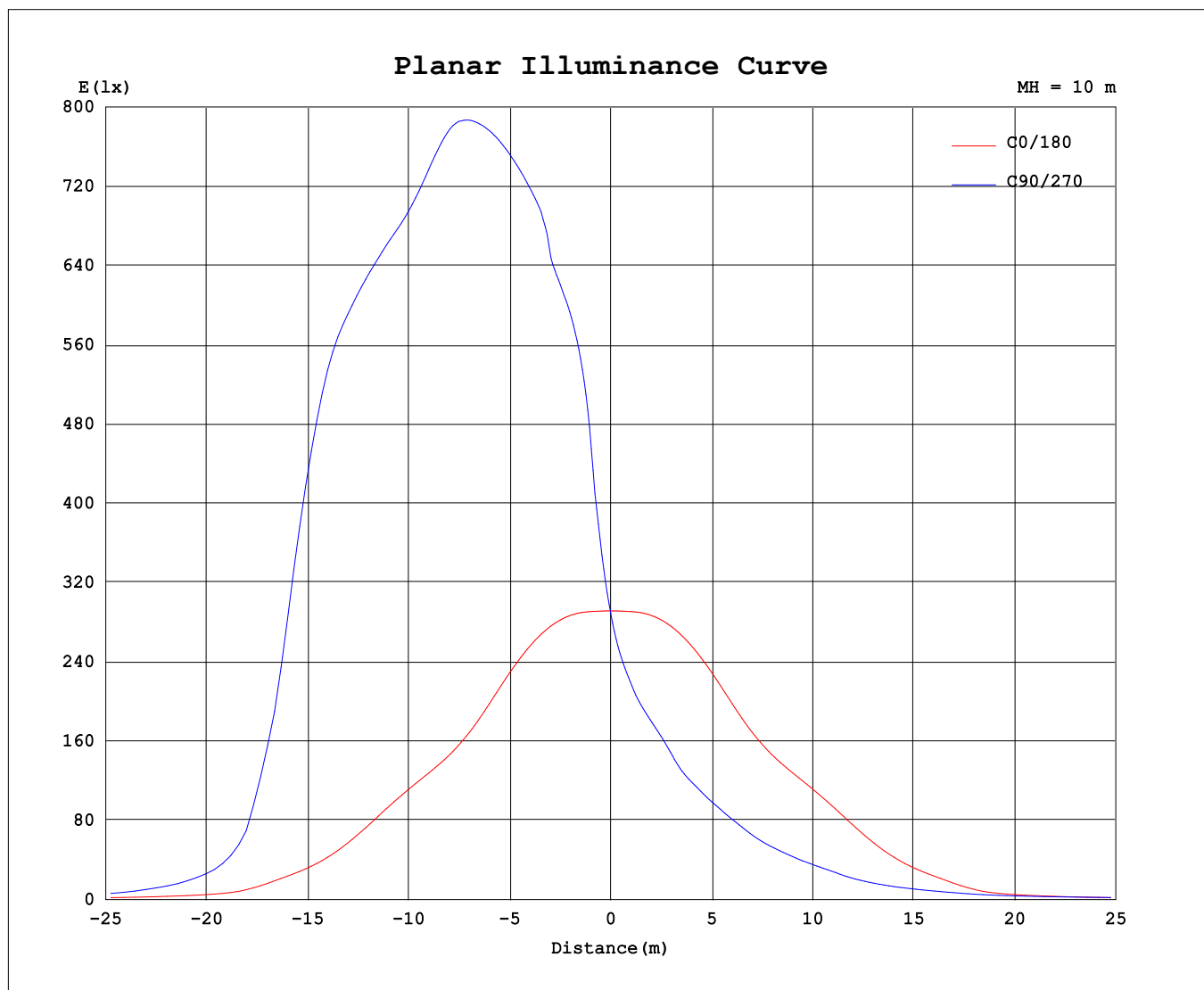
ISOCANDELA DIAGRAM



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

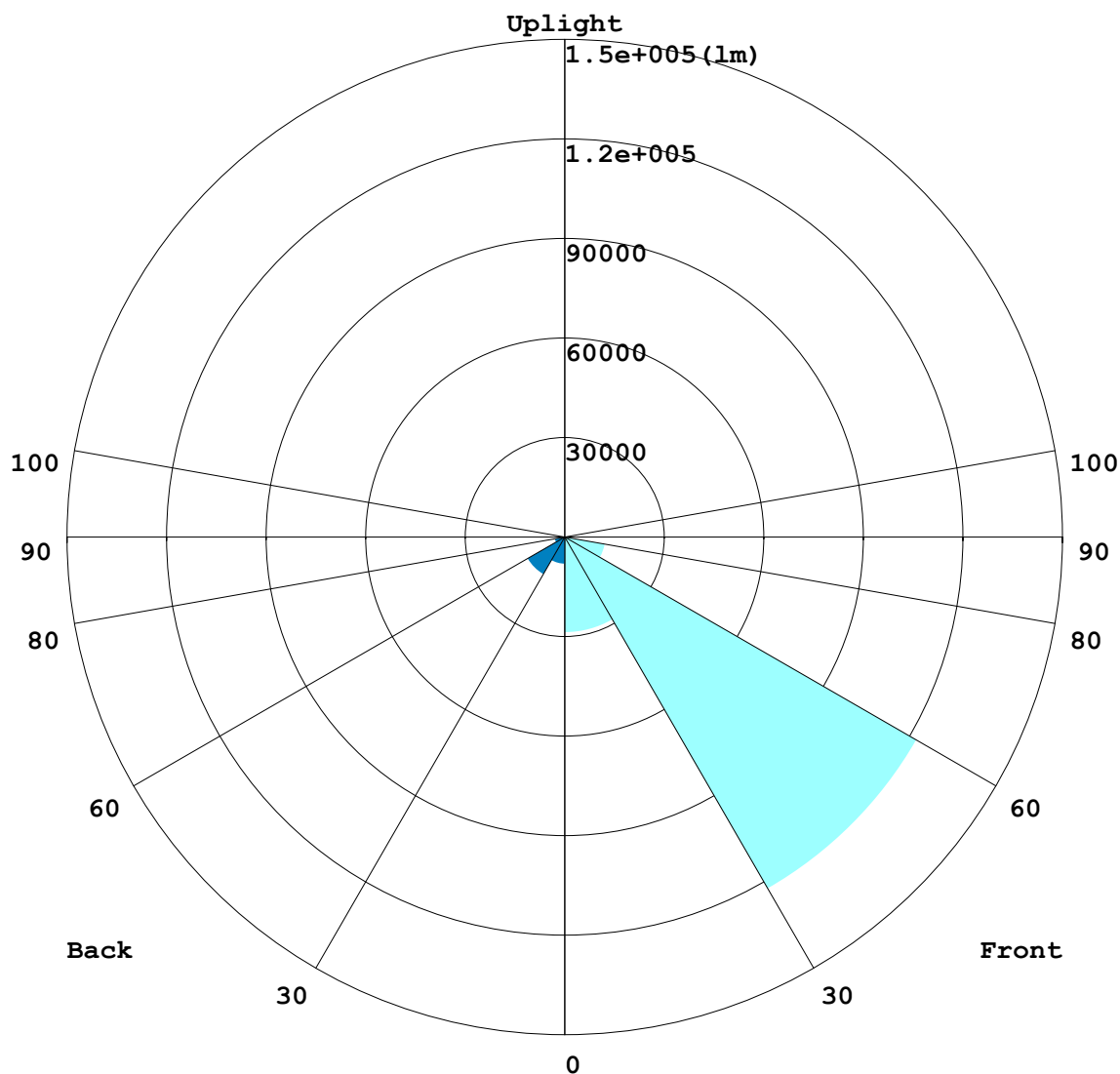
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity: 65.0%
Test Distance: 26.000m [K=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:230.0V I:6.541A P:1500.0W PF:0.997 Freq:580.0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:187336x1 lm		
NAME: SP04-1K5-5770-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:230.0V I:6.541A P:1500.0W PF:0.997 Freq:580.0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:187336x1 lm		
NAME: SP04-1K5-5770-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)	28664	15.3
FM - Front-Medium(30-60)	1.223e+005	65.3
FH - Front-High(60-80)	12218	6.5
FVH - Front-Very High(80-90)	67.312	0.0
Total Forward Light	1.6325e+005	87.1

BL - Back-Low(0-30)	8027.9	4.3
BM - Back-Medium(30-60)	12887	6.9
BH - Back-High(60-80)	3014	1.6
BVH - Back-Very High(80-90)	154.35	0.1
Total Back Light	24083	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-G5
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	24083	0	24083
Street Side	1.6325e+005	0	1.6325e+005

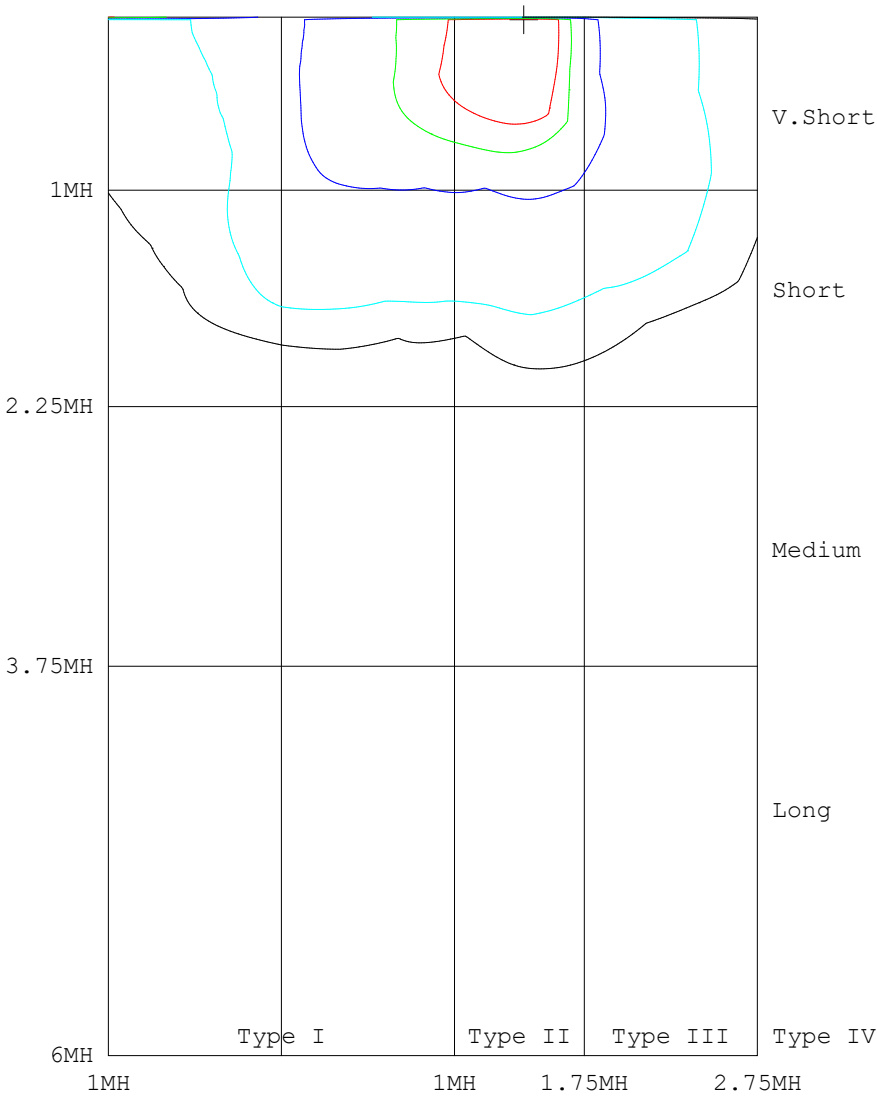
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LYJ
Test Date:2023-04-25

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:

ROAD ISOCANDELA REPORT

Test:U:230.0V I:6.541A P:1500.0W PF:0.997 Freq:580.0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:187336x1 lm		
NAME: SP04-1K5-5770-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℃
Operators:LYJ
Test Date:2023-04-25

Pavement: 70% 1.9024e+00 Road: 50% 1.3589e+00
V Range: 54054 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: