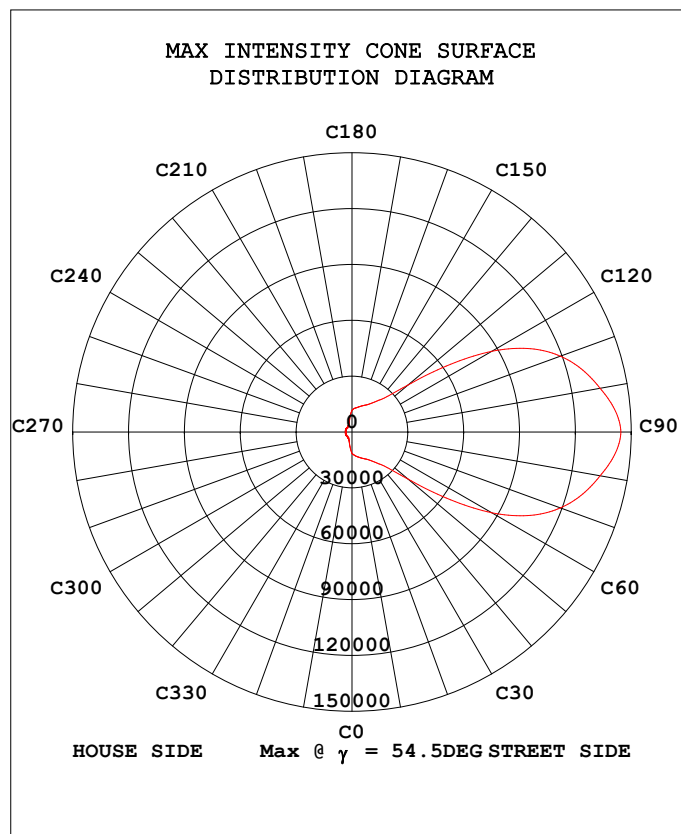
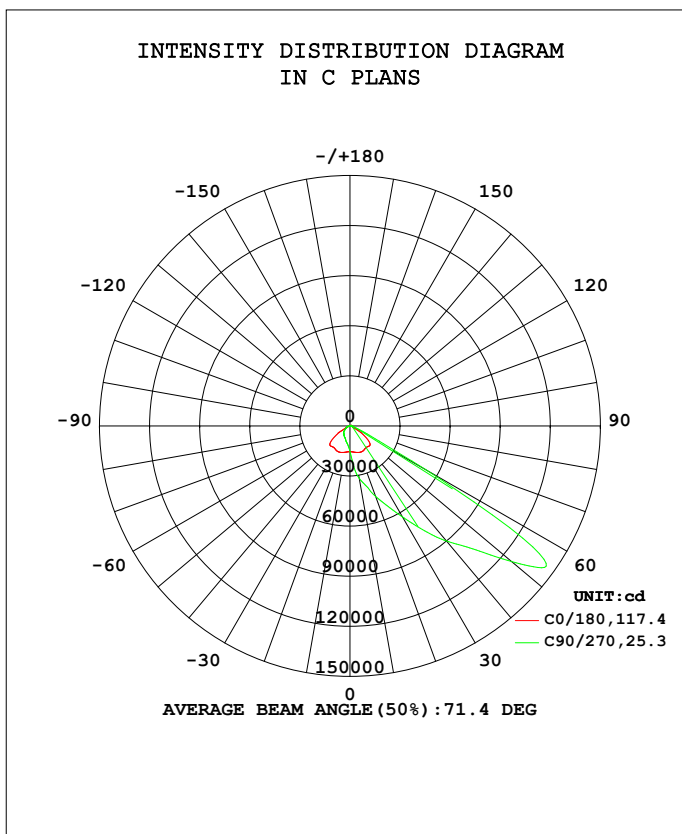


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.0V I:3.554A P:803.7W PF:0.983 Freq:580.0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:99194x1 lm		
NAME: SP04-800-5770-F04013-L39	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

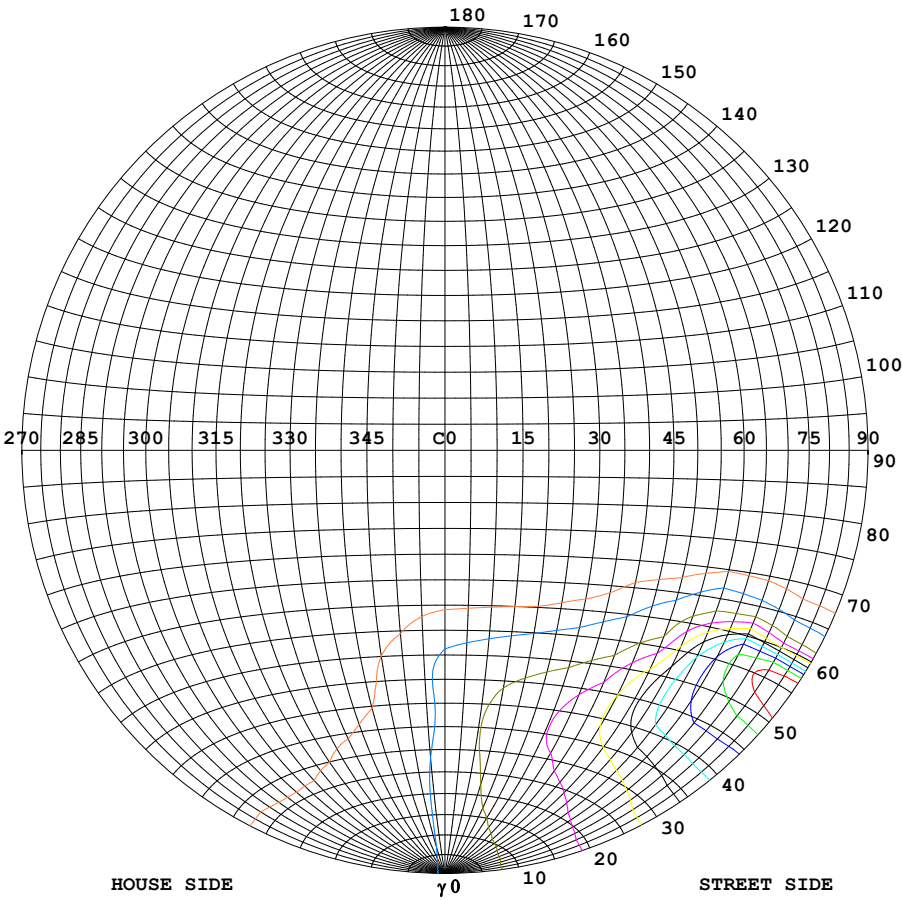
DATA OF LAMP		PHOTOMETRIC DATA Eff: 123.42 lm/W			
MODEL	/	I _{max} (cd)	144448	η street_up (%)	0.0
NOMINAL POWER (W)	/	LOR (%)	100.0	η street_down (%)	87.1
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	99194	η house_up (%)	0.0
NOMINAL FLUX (lm)	99194	MAXIMUM @ (C, γ)	90,54.5	η house_down (%)	12.9
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	/	η down (%)	100.0	SLI	



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

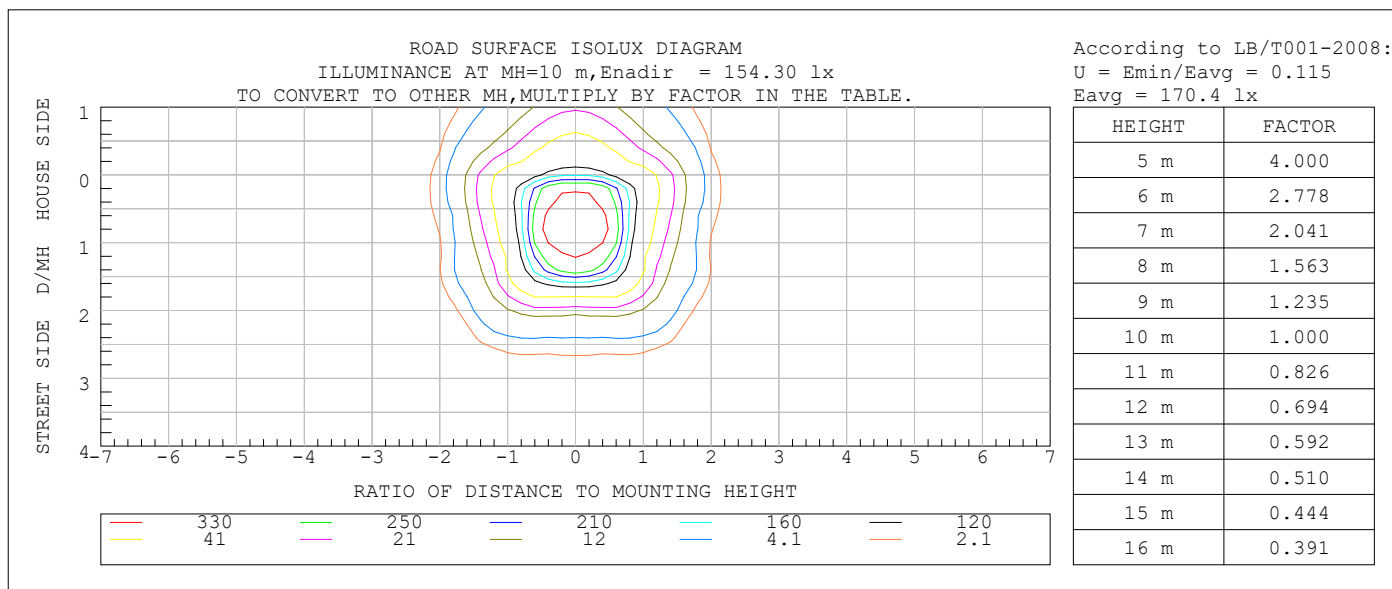
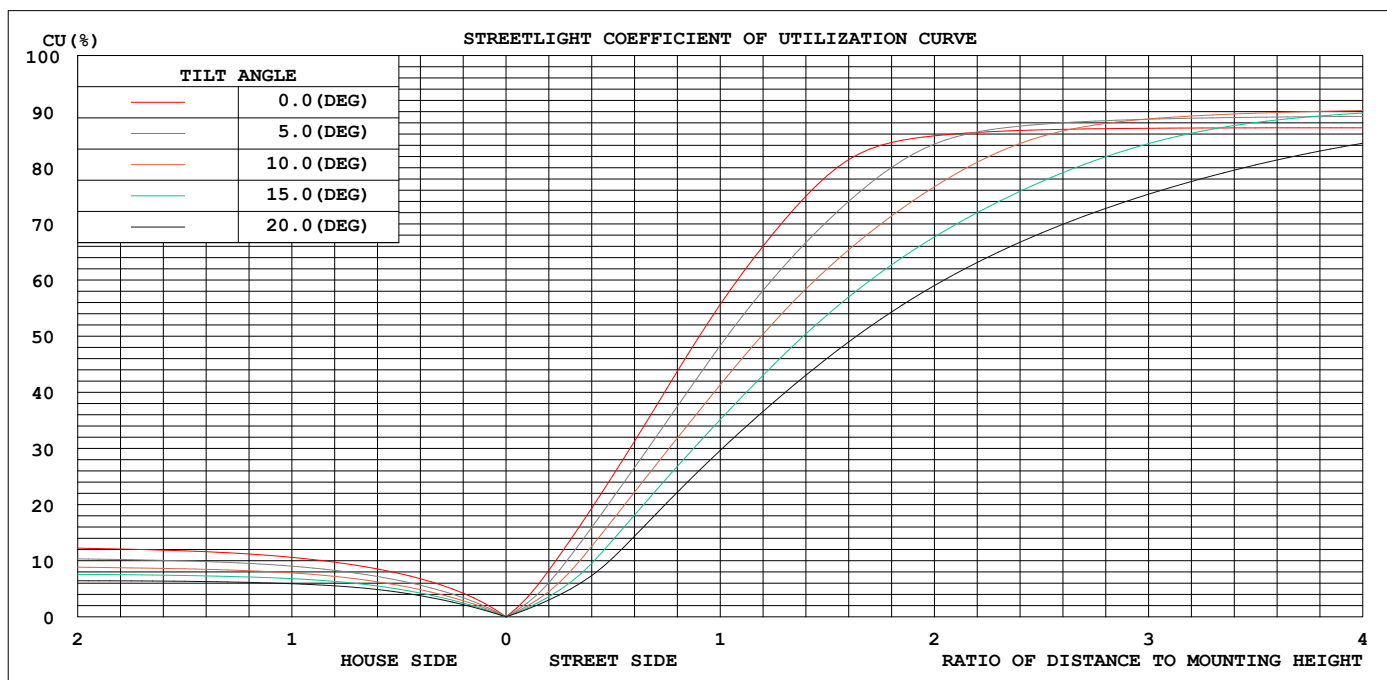


Classification:
IES:Type II - Very Short
CIE:Broad - Short
IES:Full cut-off
CIE:Full cut-off
Max.At80:7.584cd/klm
Max.At90:0cd/klm
Max.80-90:7.584cd/klm
NRB 5101:Limited[1.5%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	144448
90%	130003
80%	115558
70%	101113
60%	86669
50%	72224
40%	57779
30%	43334
20%	28890
10%	14445
5%	7222

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

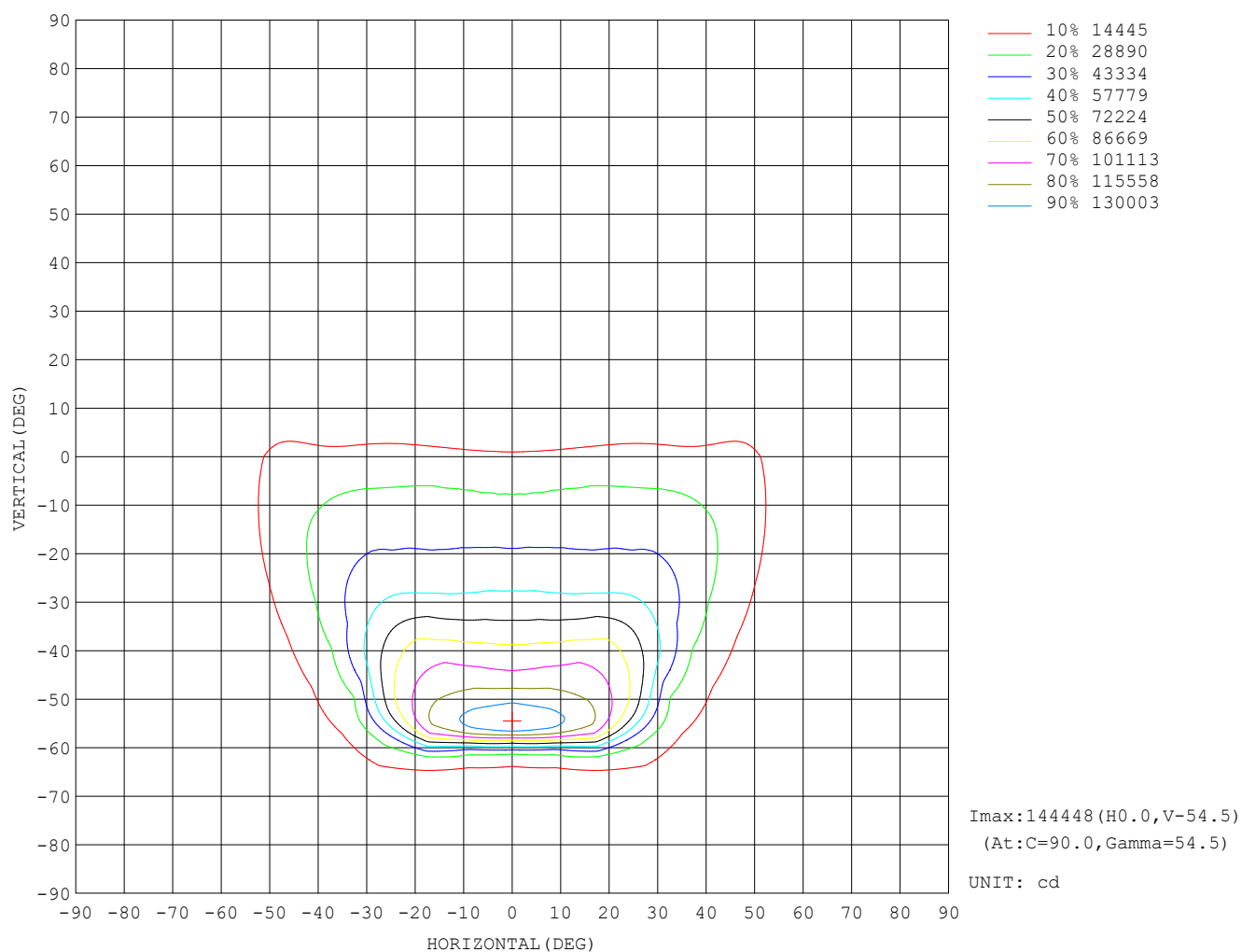
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	159.9	286.6	317.4	286.6	159.9	111.7	104.0	111.7	0- 10	1677	1677	1.69,1.69
20	168.5	385.1	448.7	385.1	168.5	90.76	80.91	90.76	10- 20	6093	7769	7.83,7.83
30	167.3	469.4	629.0	469.4	167.3	70.15	69.33	70.15	20- 30	11659	19428	19.6,19.6
40	163.1	587.9	899.6	587.9	163.1	55.55	57.94	55.55	30- 40	19017	38445	38.8,38.8
50	152.6	478.3	1264	478.3	152.6	42.64	43.78	42.64	40- 50	26593	65038	65.6,65.6
60	60.24	174.4	530.3	174.4	60.24	27.80	27.69	27.80	50- 60	25973	91011	91.8,91.8
70	17.31	32.02	40.40	32.02	17.31	11.36	22.39	11.36	60- 70	6933	97944	98.7,98.7
80	4.709	0.9262	0.3577	0.9262	4.709	2.983	5.766	2.983	70- 80	1132	99077	99.9,99.9
90	0	0	0	0	0	0	0	0	80- 90	117.4	99194	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:

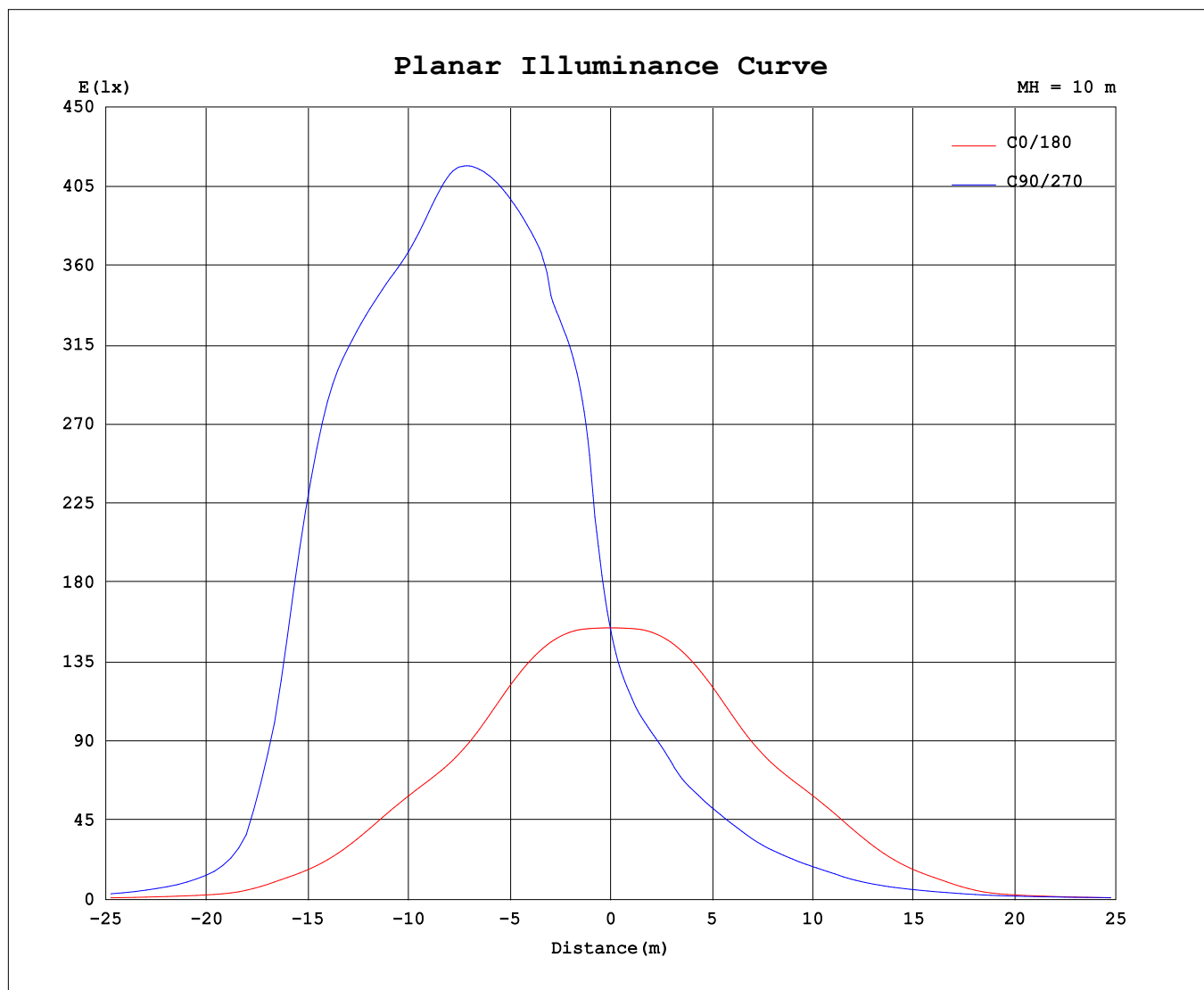
ISOCANDELA DIAGRAM



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

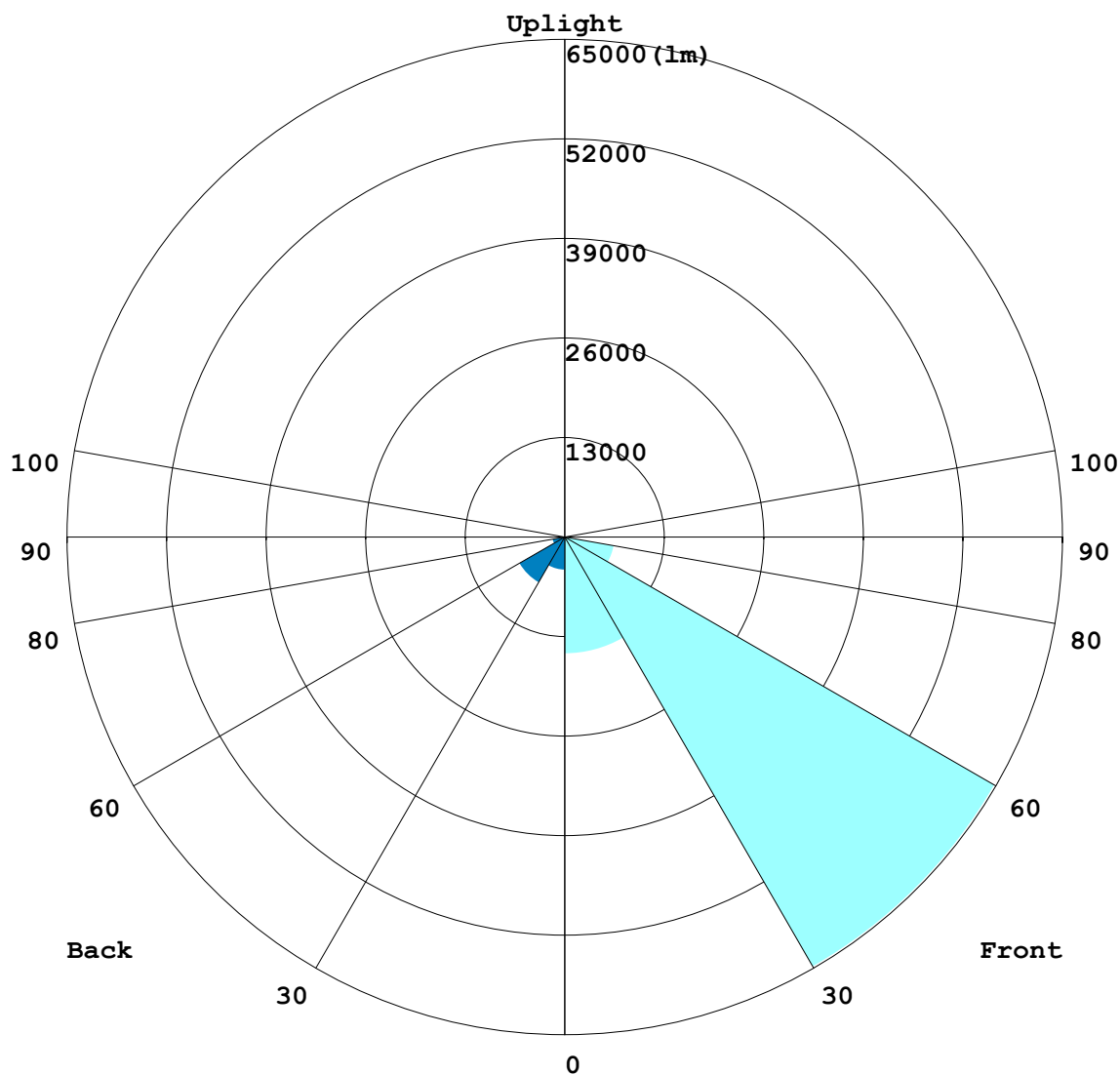
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity: 65.0%
Test Distance: 26.000m [K=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:230.0V I:3.554A P:803.7W PF:0.983 Freq:580.0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:99194x1 lm		
NAME: SP04-800-5770-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℃
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:3.554A P:803.7W PF:0.983 Freq:580.0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:99194x1 lm		
NAME: SP04-800-5770-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)	15177	15.3
FM - Front-Medium(30-60)	64759	65.3
FH - Front-High(60-80)	6469.6	6.5
FVH - Front-Very High(80-90)	35.642	0.0
Total Forward Light	86442	87.1

BL - Back-Low(0-30)	4250.8	4.3
BM - Back-Medium(30-60)	6823.6	6.9
BH - Back-High(60-80)	1595.9	1.6
BVH - Back-Very High(80-90)	81.726	0.1
Total Back Light	12752	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	B4-U0-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	12752	0	12752
Street Side	86442	0	86442

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

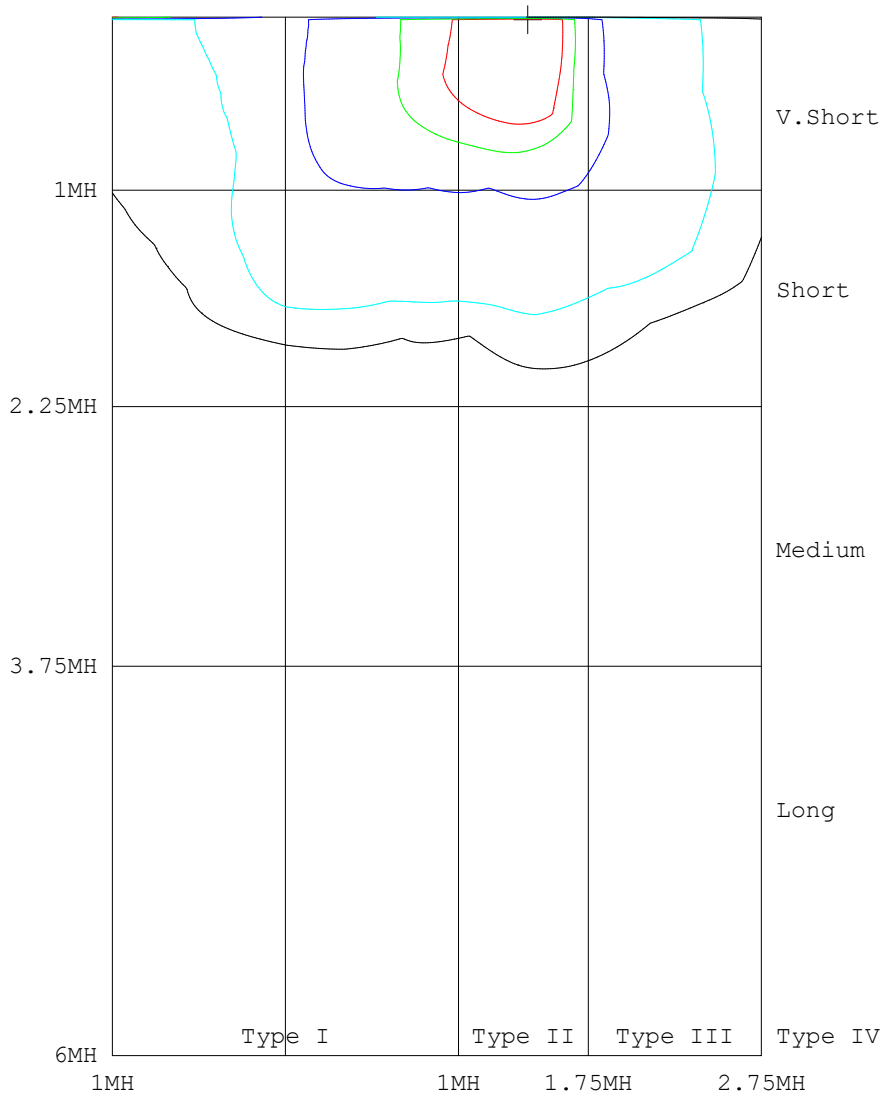
γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:230.0V I:3.554A P:803.7W PF:0.983 Freq:580.0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:99194x1 lm		
NAME: SP04-800-5770-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% 1.00e+00 Road 30% 71.951e+00

Range: 28081.90DEG Interval: 0.5DEG Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465 Humidity:65.0% Test Distance:26.000m [K=0.4556] Remarks: