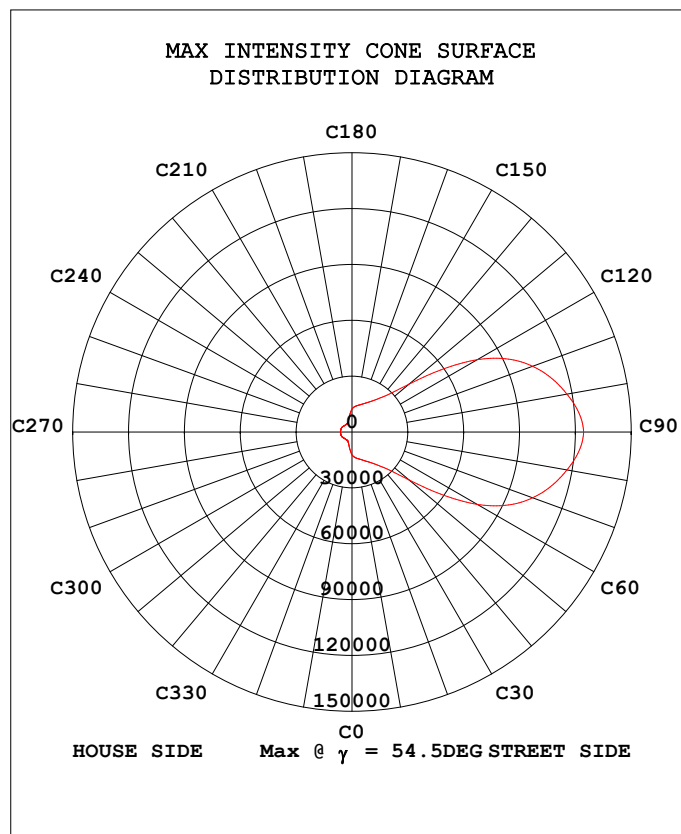
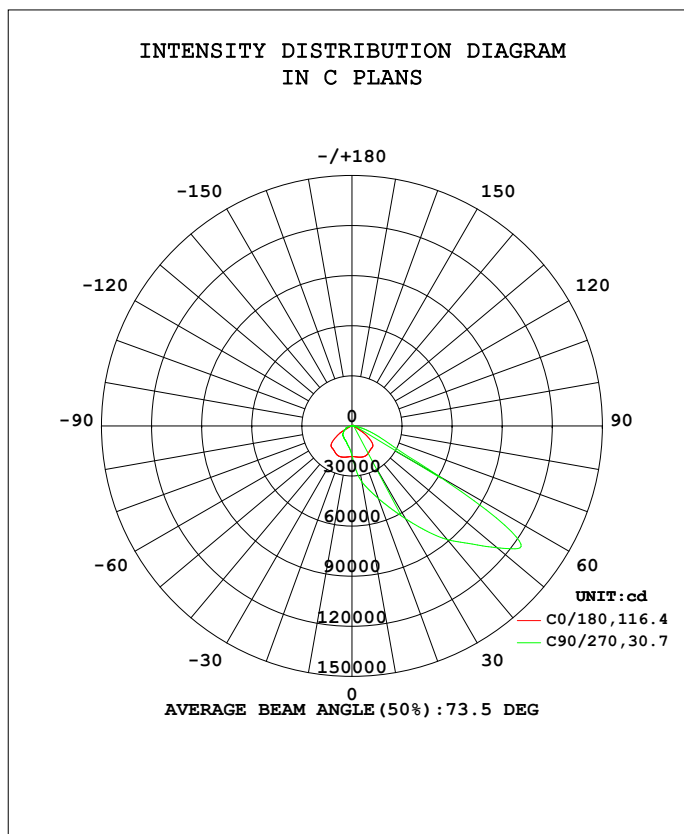


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.0V I:3.556A P:804.1W PF:0.983 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:105926x1 lm		
NAME: SP04-800-5770-F04013	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

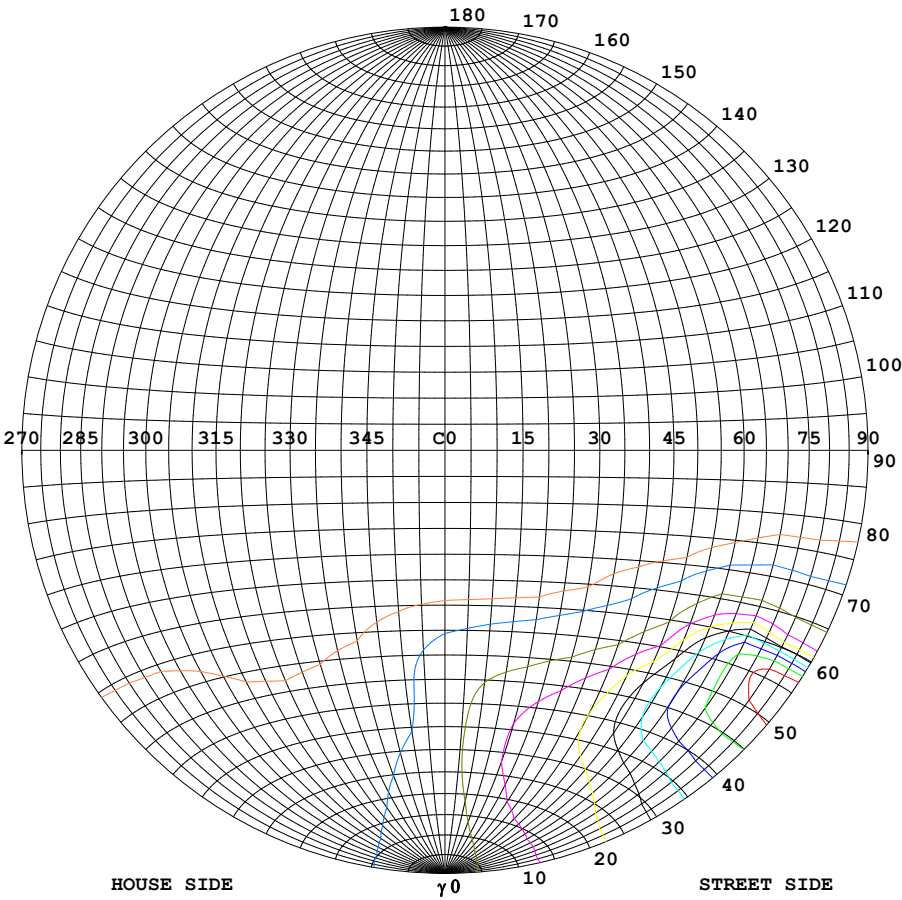
DATA OF LAMP		PHOTOMETRIC DATA Eff: 131.73 lm/W			
MODEL	/	I _{max} (cd)	124405	η _{street_up} (%)	0.0
NOMINAL POWER(W)	/	LOR(%)	100.0	η _{street_down} (%)	84.2
RATED VOLTAGE(V)	/	TOTAL FLUX(lm)	105926	η _{house_up} (%)	0.0
NOMINAL FLUX(lm)	105926	MAXIMUM @ (C,γ)	90,54.5	η _{house_down} (%)	15.8
LAMPS 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

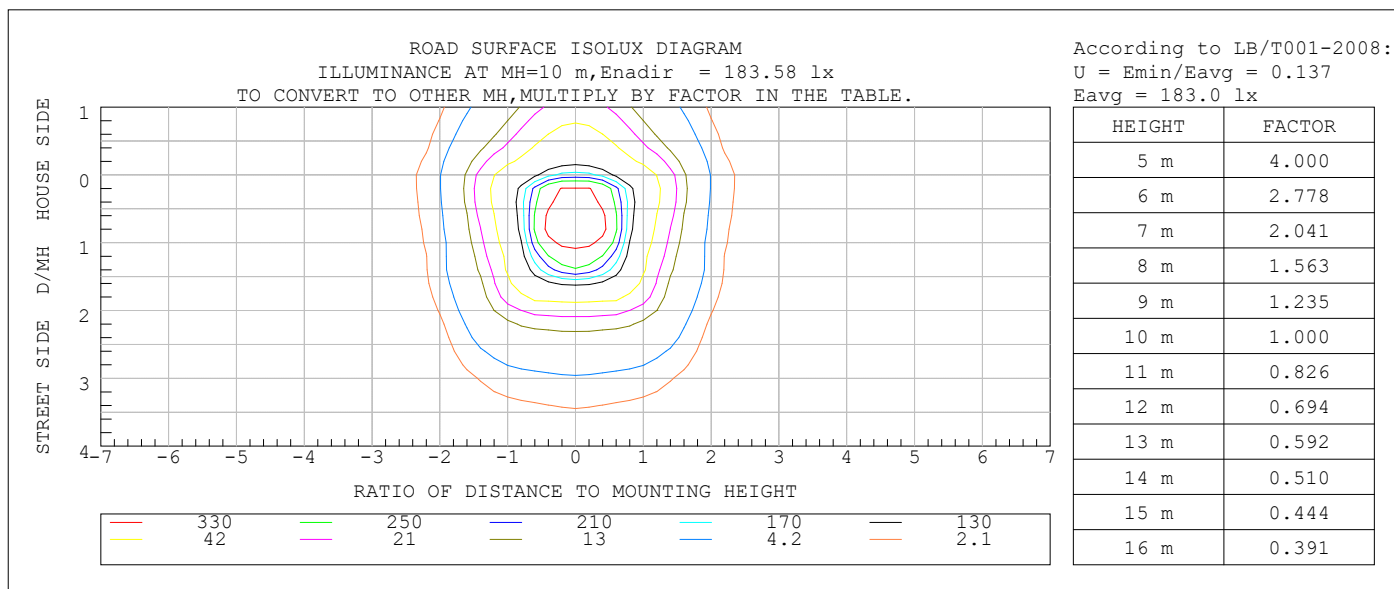
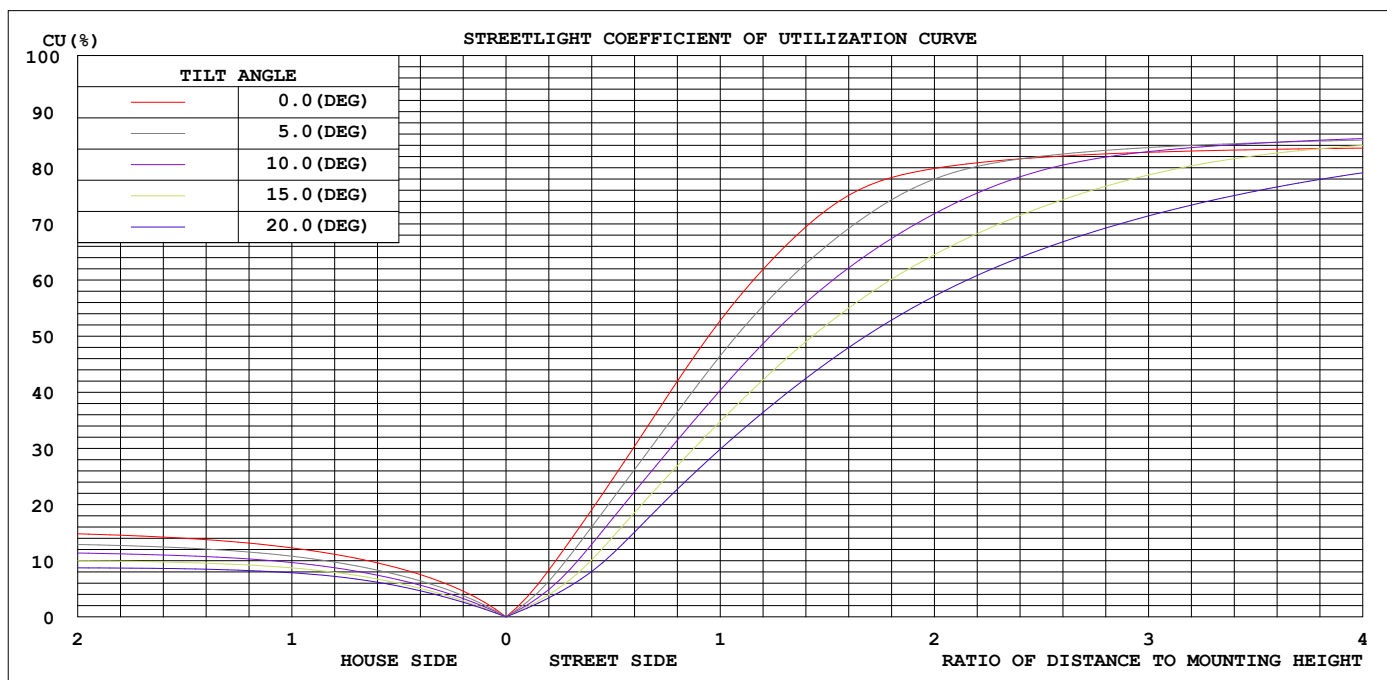


Classification:
IES:Type II - Very Short
CIE:Broad - Short
IES:Full cut-off
CIE:Semi-cut-off
Max.At80:39.50cd/klm
Max.At90:0cd/klm
Max.80-90:39.50cd/klm
NRB 5101:Limited[1.9%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	124405
90%	111965
80%	99524
70%	87084
60%	74643
50%	62203
40%	49762
30%	37322
20%	24881
10%	12441
5%	6220

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

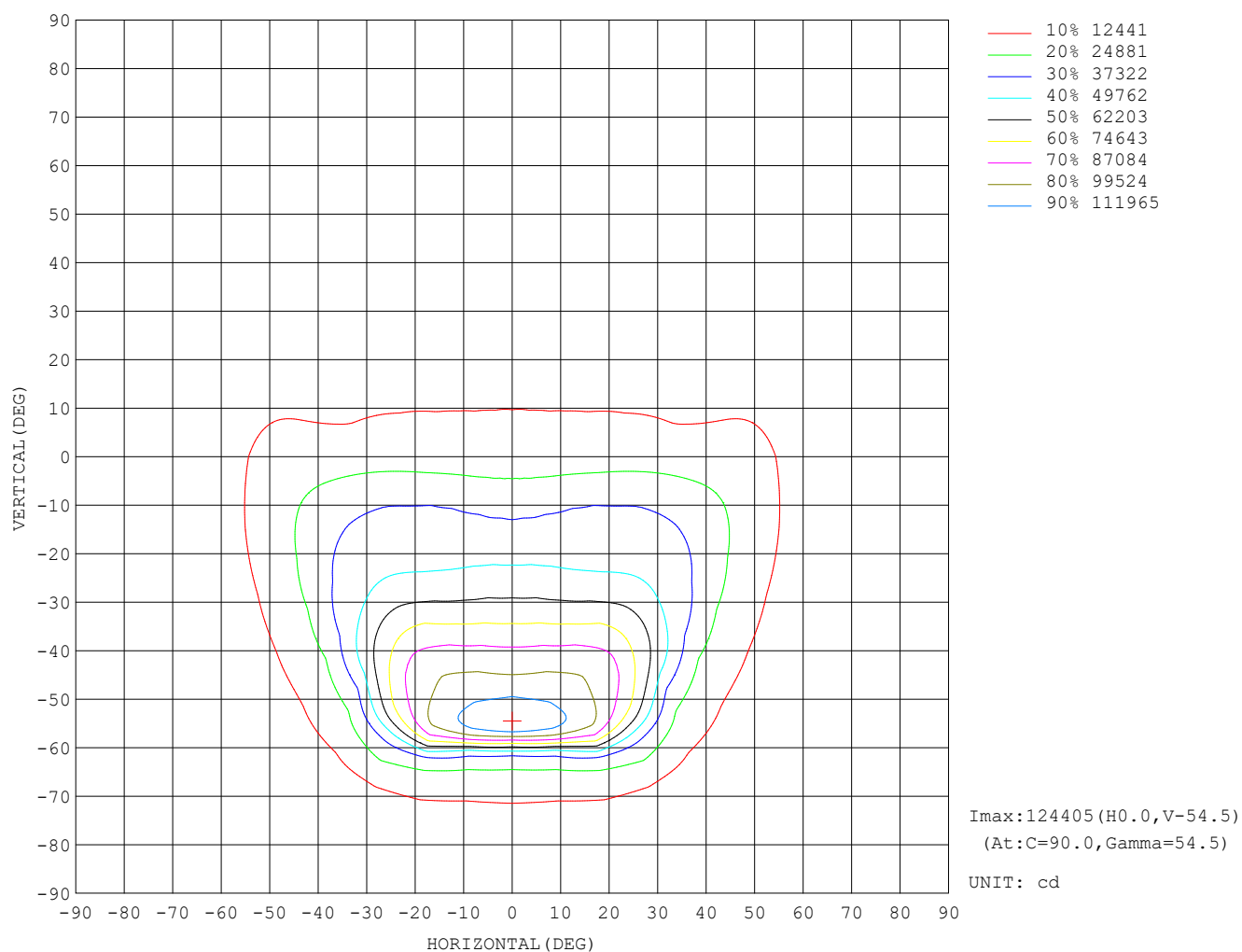
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	189.4	305.6	338.6	305.6	189.4	132.2	123.4	132.2	0- 10	1896	1896	1.79,1.79
20	196.9	407.7	462.6	407.7	196.9	109.1	100.3	109.1	10- 20	6691	8586	8.11,8.11
30	192.0	475.9	641.4	475.9	192.0	88.28	90.42	88.28	20- 30	12469	21055	19.9,19.9
40	178.8	571.3	887.9	571.3	178.8	72.66	81.05	72.66	30- 40	19631	40687	38.4,38.4
50	158.3	466.2	1135	466.2	158.3	59.13	69.48	59.13	40- 50	26264	66950	63.2,63.2
60	72.49	200.1	596.8	200.1	72.49	42.71	51.85	42.71	50- 60	25101	92051	86.9,86.9
70	27.07	66.20	145.0	66.20	27.07	20.83	37.51	20.83	60- 70	9943	101995	96.3,96.3
80	8.772	17.67	41.84	17.67	8.772	6.101	10.60	6.101	70- 80	3334	105328	99.4,99.4
90	0	0	0	0	0	0	0	0	80- 90	597.2	105926	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:

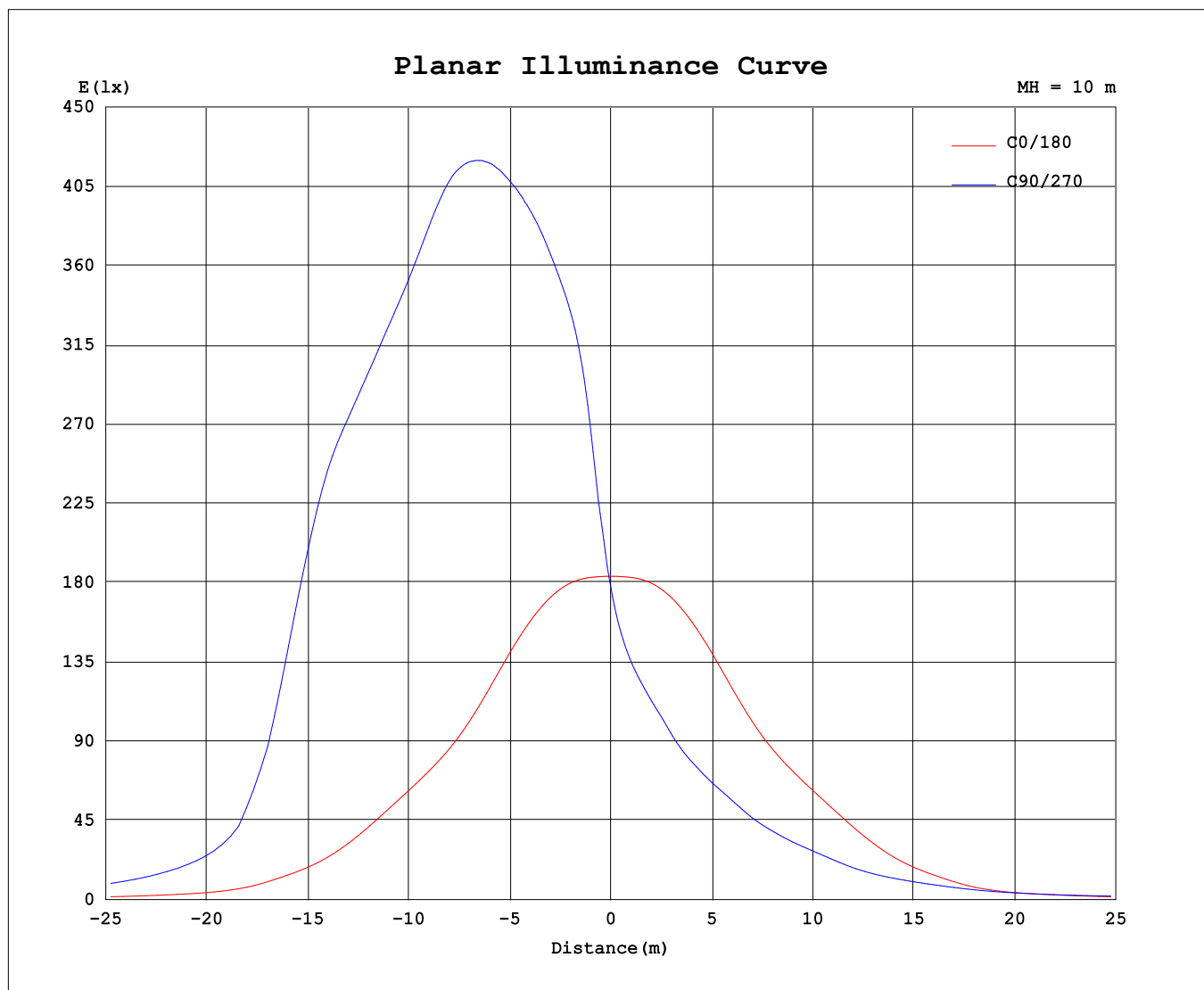
ISOCANDELA DIAGRAM



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

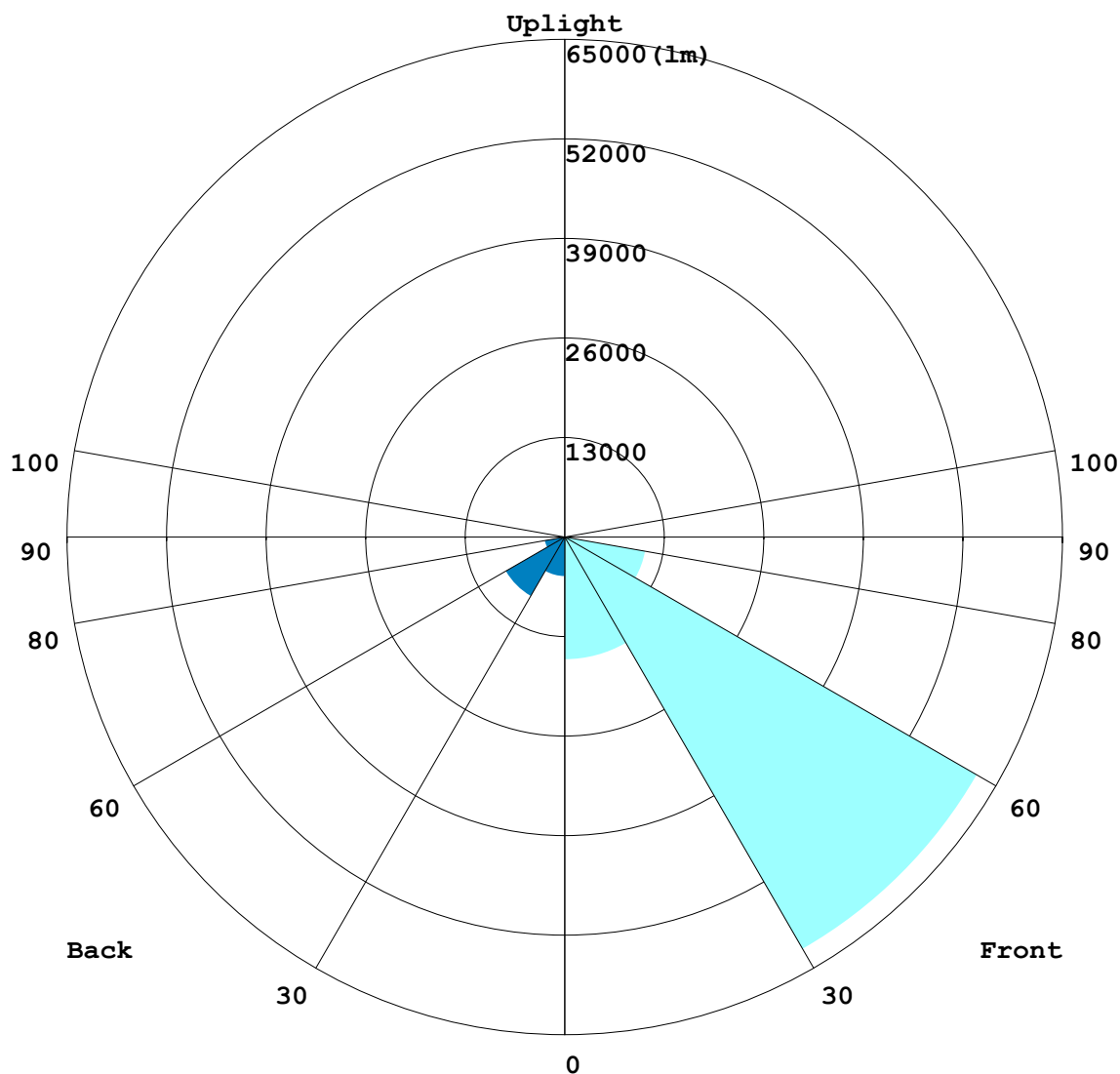
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity: 65.0%
Test Distance: 26.000m [K=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:230.0V I:3.556A P:804.1W PF:0.983 Freq:50.01Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:105926x1 lm		
NAME: SP04-800-5770-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℃
 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:3.556A P:804.1W PF:0.983 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:105926x1 lm		
NAME: SP04-800-5770-F04013	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	15960	15.1
FM - Front-Medium(30-60)	62114	58.6
FH - Front-High(60-80)	10640	10.0
FVH - Front-Very High(80-90)	440.13	0.4
Total Forward Light	89154	84.2

BL - Back-Low(0-30)	5095	4.8
BM - Back-Medium(30-60)	8882.4	8.4
BH - Back-High(60-80)	2637.4	2.5
BVH - Back-Very High(80-90)	157.04	0.1
Total Back Light	16772	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-G4
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	16772	0	16772
Street Side	89154	0	89154

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

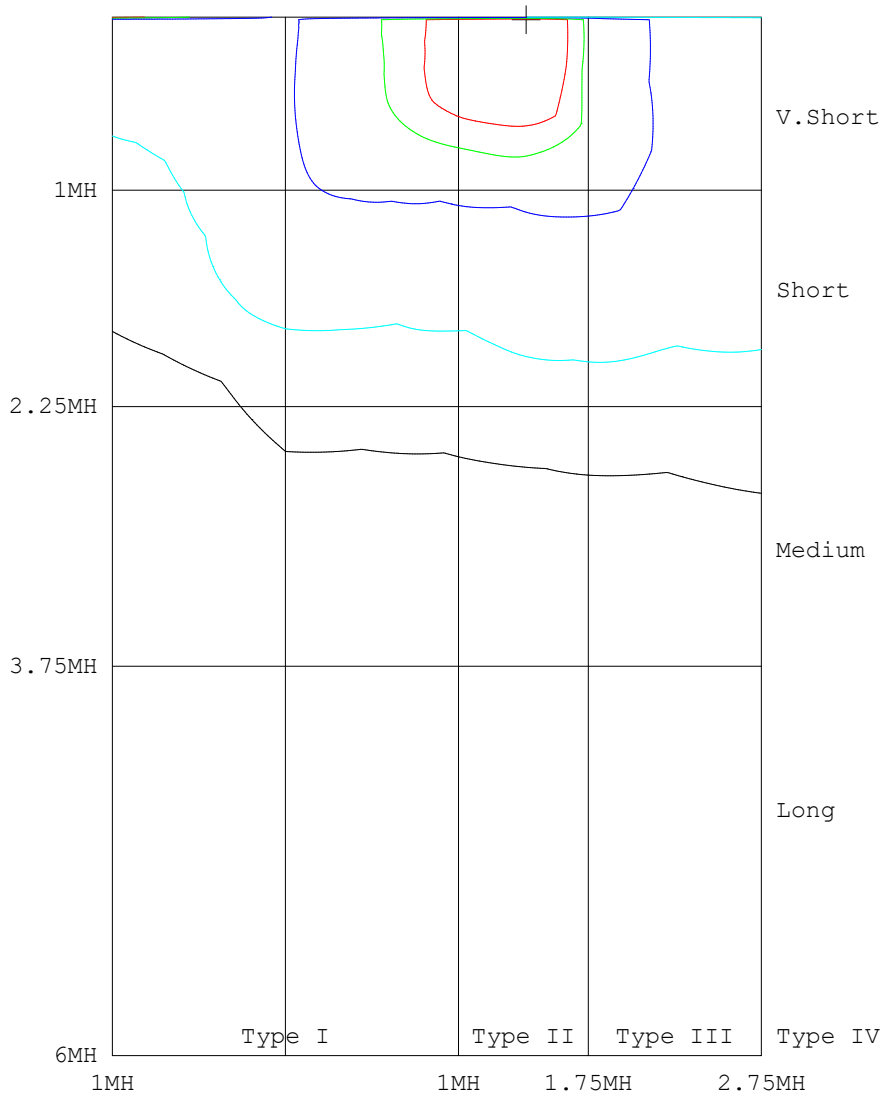
γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:230.0V I:3.556A P:804.1W PF:0.983 Freq:50.01Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:105926x1 lm		
NAME: SP04-800-5770-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°C
Operators: LYJ
Test Date: 2023-04-25

V Range: 24000 - 90DEG
V Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity: 65.0%
Test Distance: 26.000m [K=0.4556]
Remarks: