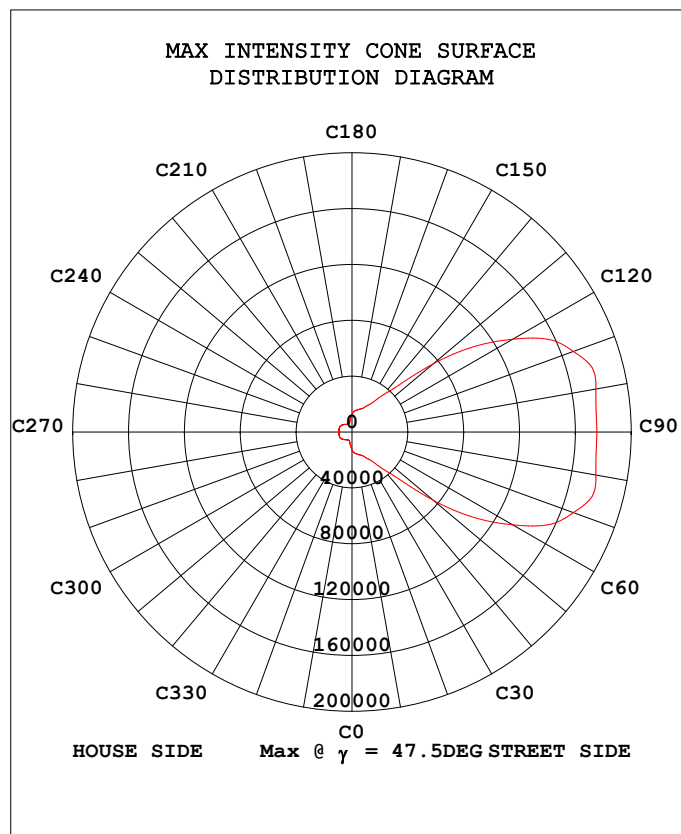
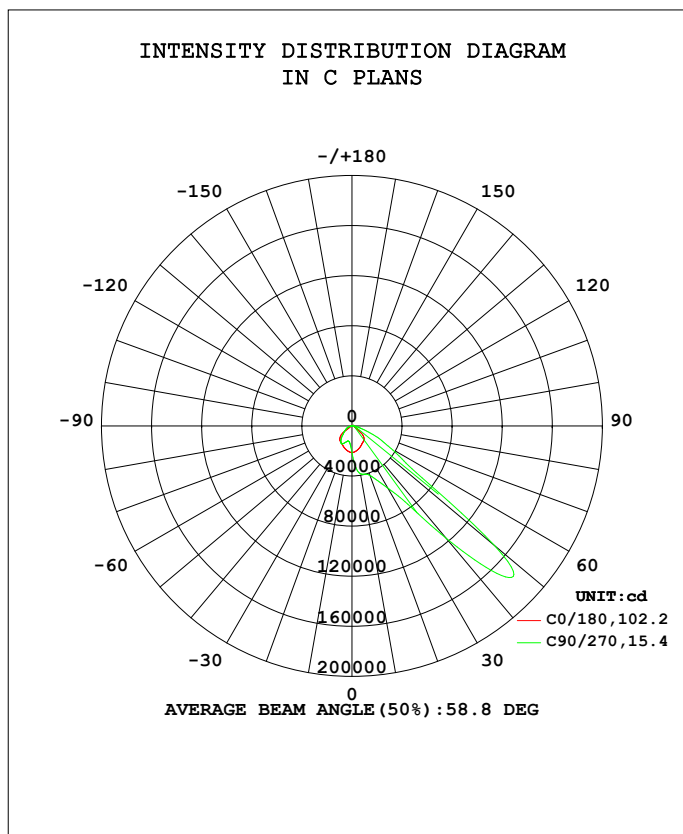


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.0V I:3.555A P:803.8W PF:0.983 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:105204x1 lm		
NAME: SP04-800-5770-F04001X	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

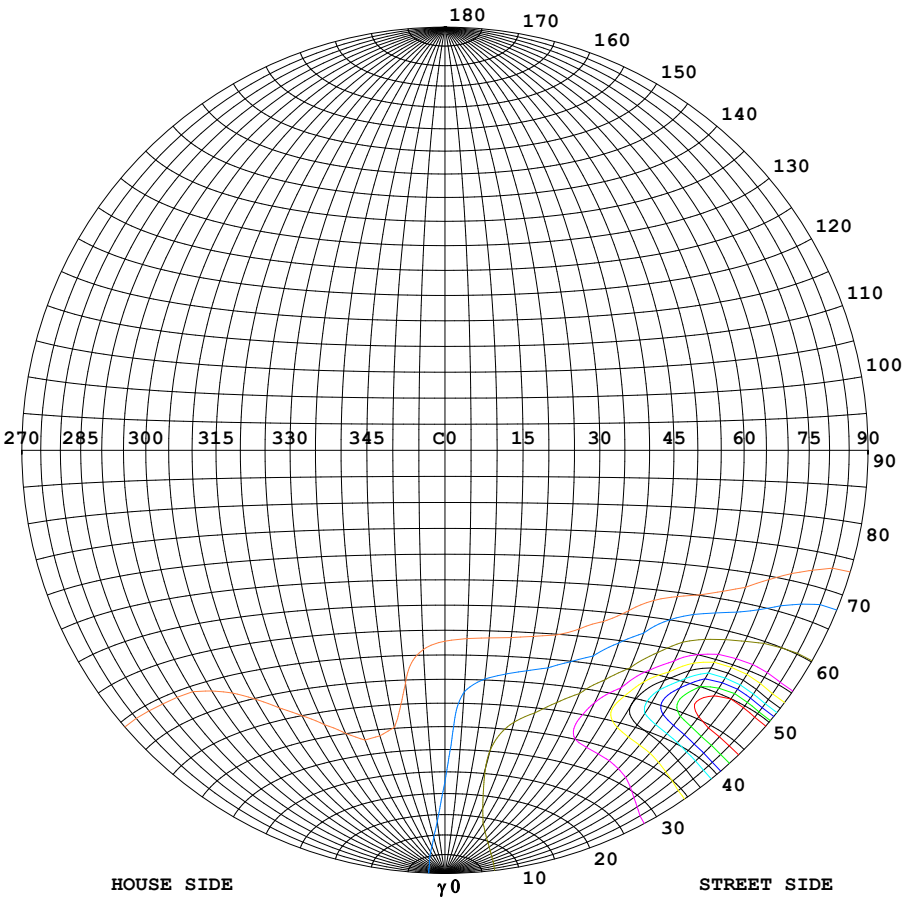
DATA OF LAMP		PHOTOMETRIC DATA Eff: 130.89 lm/W			
MODEL	/	I _{max} (cd)	178072	η street_up (%)	0.0
NOMINAL POWER (W)	/	LOR (%)	100.0	η street_down (%)	82.4
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	105204	η house_up (%)	0.0
NOMINAL FLUX (lm)	105204	MAXIMUM @ (C, γ)	75,47.5	η house_down (%)	17.6
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	/	η down (%)	100.0	SLI	



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LYJ
Test Date: 2023-05-02

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

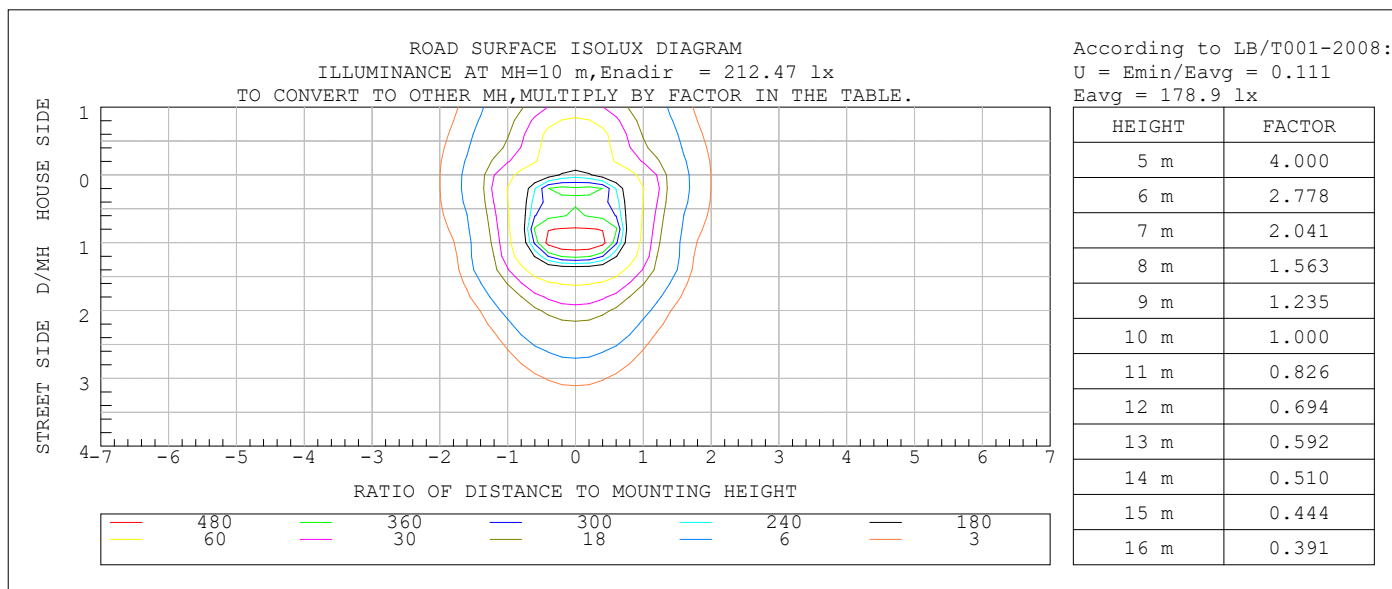
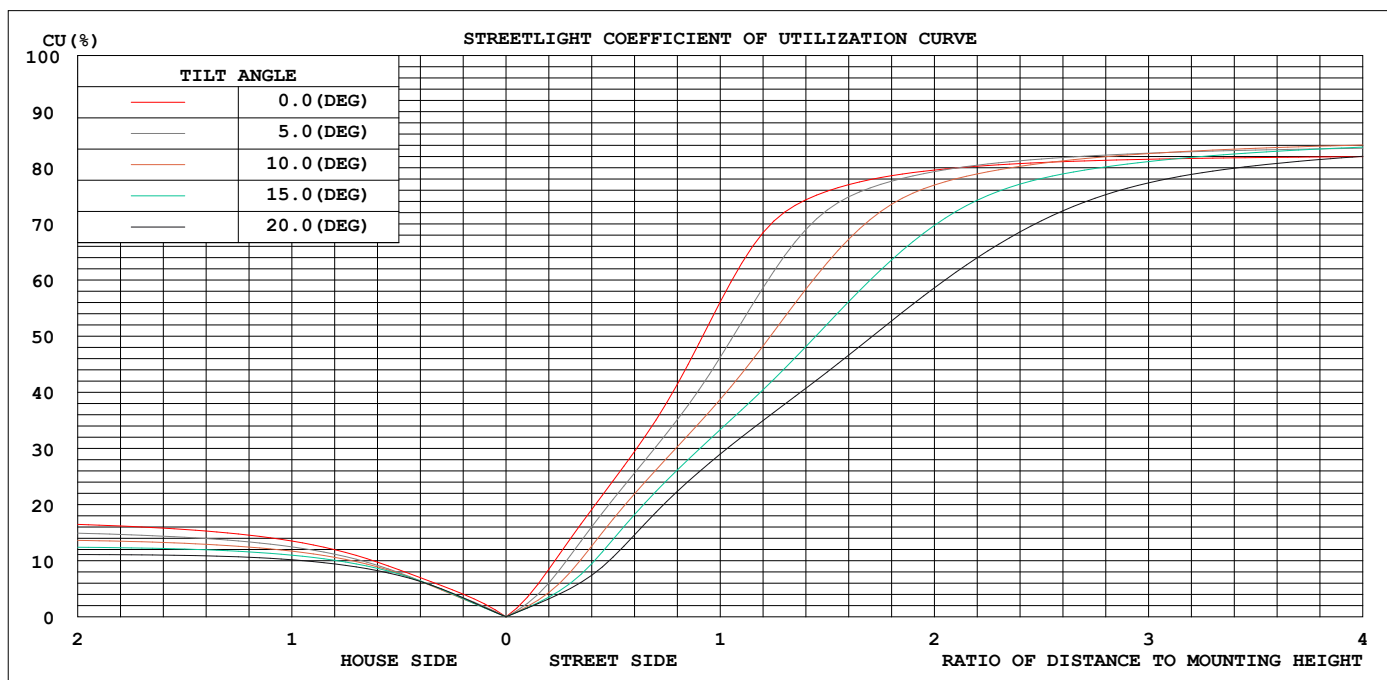


Classification:
IES:Type II - Very Short
CIE:Average - Short
IES:Full cut-off
CIE:Semi-cut-off
Max.At80:42.63cd/klm
Max.At90:0cd/klm
Max.80-90:42.63cd/klm
NRB 5101:Limited[1.3%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	178072
90%	160265
80%	142457
70%	124650
60%	106843
50%	89036
40%	71229
30%	53422
20%	35614
10%	17807
5%	8904

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LYJ
Test Date:2023-05-02

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: 5.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LYJ
Test Date: 2023-05-02

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

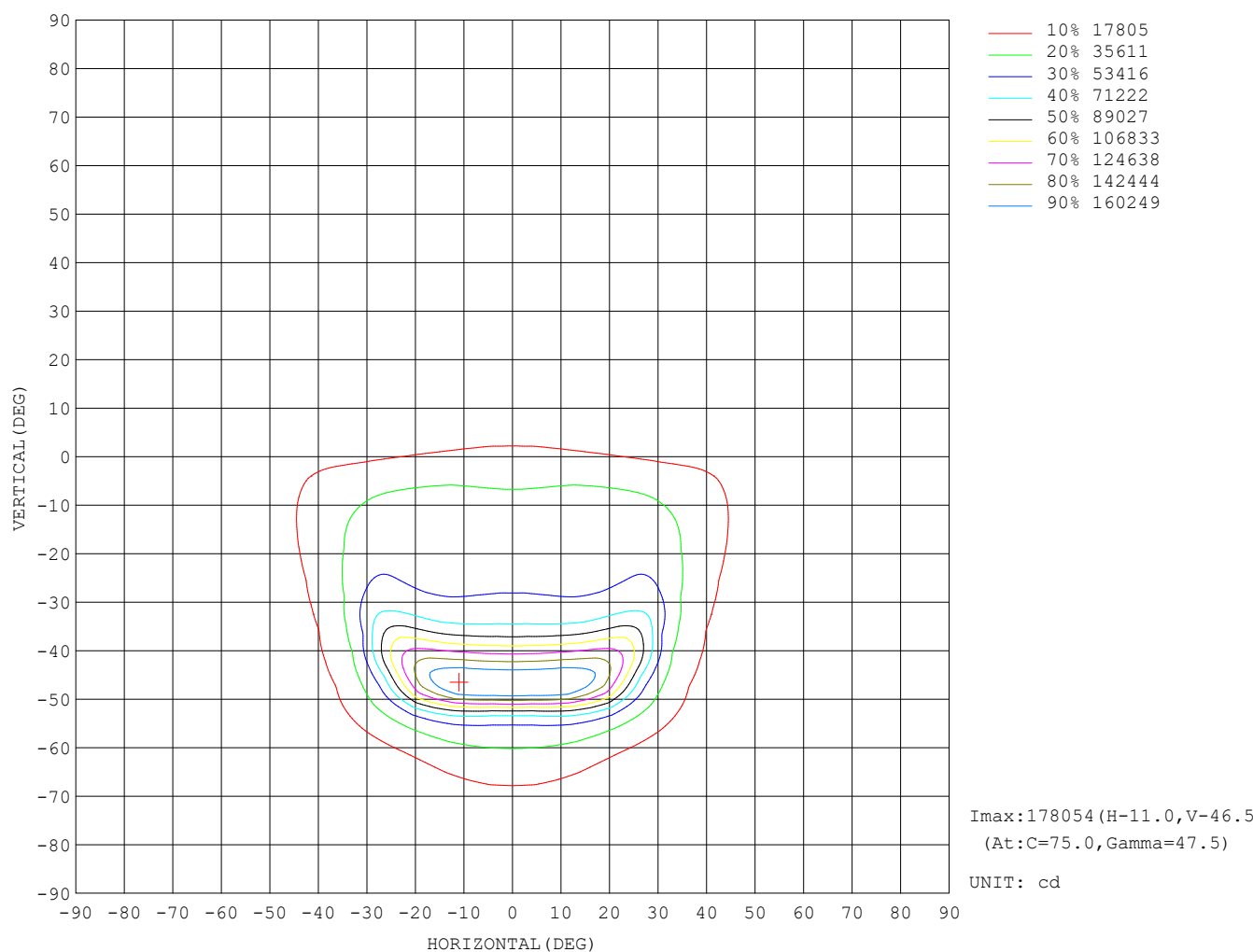
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	202.4	371.1	387.2	371.1	202.4	132.0	128.8	132.0	0- 10	2205	2205	2.1,2.1
20	183.6	452.3	420.9	452.3	183.6	110.1	136.1	110.1	10- 20	7158	9363	8.9,8.9
30	162.3	488.9	574.2	488.9	162.3	115.7	164.7	115.7	20- 30	12854	22217	21.1,21.1
40	149.8	664.0	1171	664.0	149.8	96.10	132.9	96.10	30- 40	20687	42904	40.8,40.8
50	114.1	367.4	1486	367.4	114.1	71.81	86.56	71.81	40- 50	33821	76725	72.9,72.9
60	41.19	131.7	362.0	131.7	41.19	48.33	57.41	48.33	50- 60	18870	95595	90.9,90.9
70	22.24	29.98	135.5	29.98	22.24	21.82	34.77	21.82	60- 70	6805	102400	97.3,97.3
80	6.966	8.084	44.84	8.084	6.966	6.119	11.70	6.119	70- 80	2390	104790	99.6,99.6
90	0	0	0	0	0	0	0	0	80- 90	414.6	105204	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: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LYJ
 Test Date:2023-05-02

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:

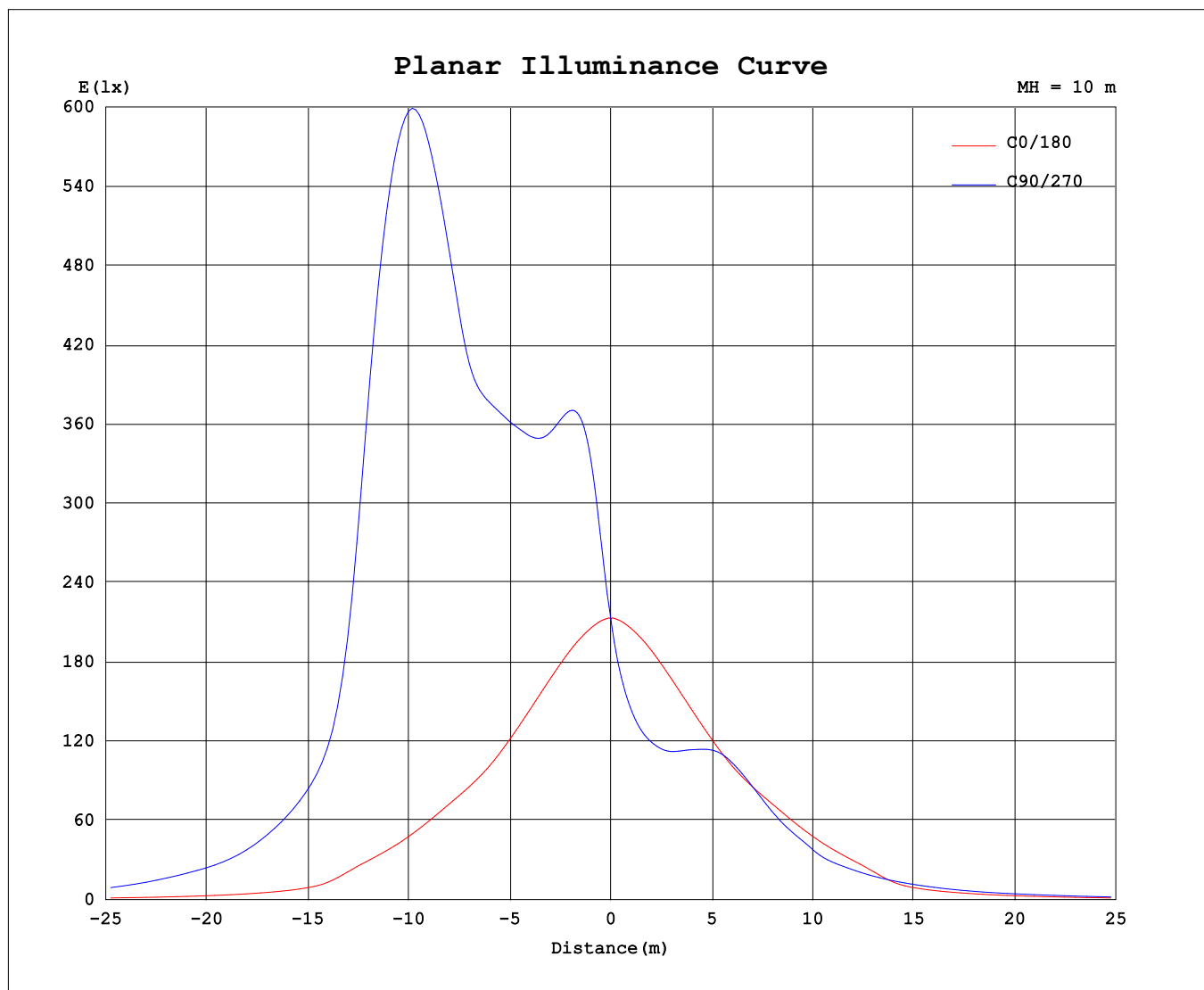
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:LYJ
Test Date:2023-05-02

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: 5.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LYJ
Test Date: 2023-05-02

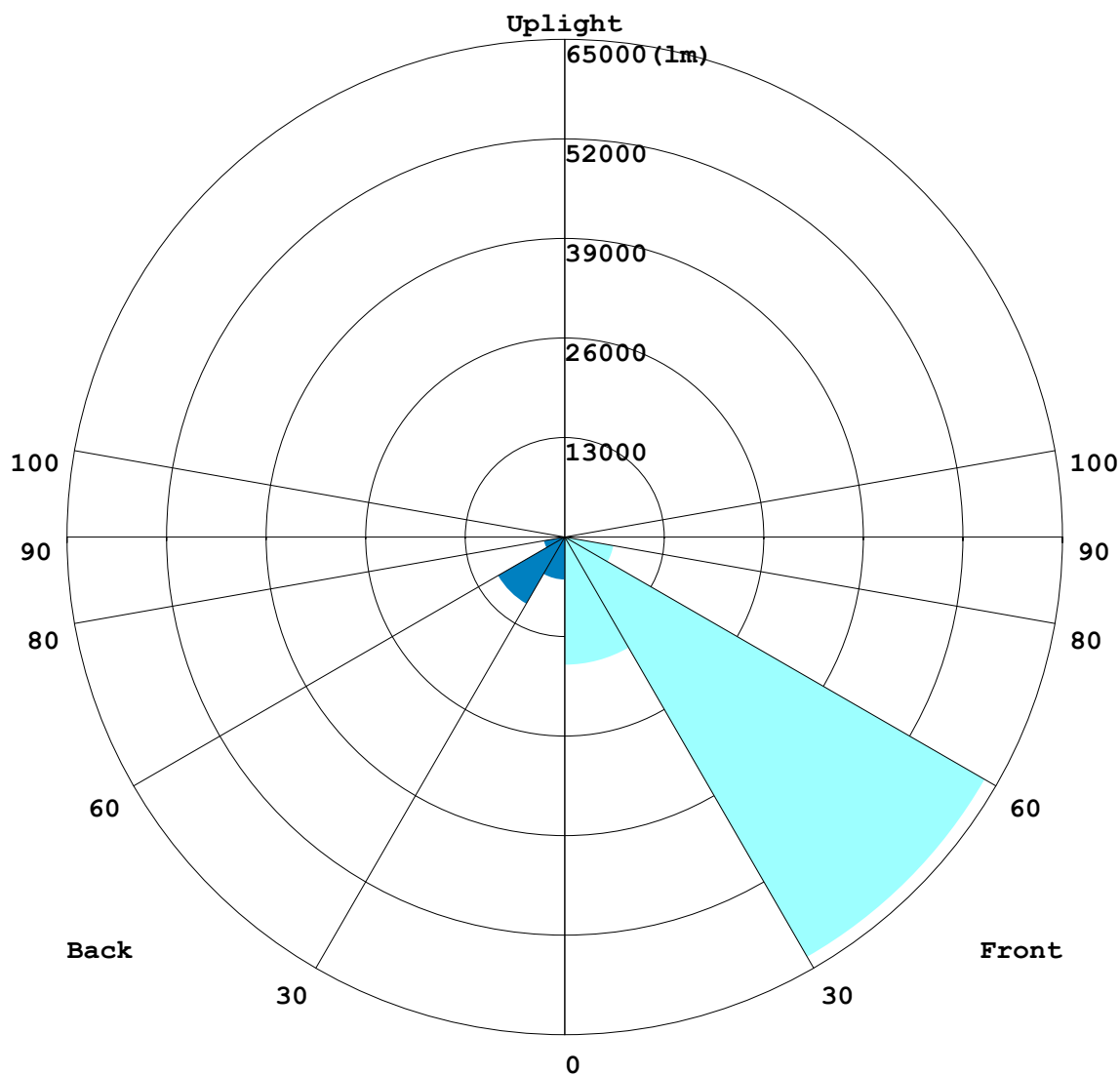
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity: 65.0%
Test Distance: 26.000m [K=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:230.0V I:3.555A P:803.8W PF:0.983 Freq:50.01Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:105204x1 lm		
NAME: SP04-800-5770-F04001X	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:LYJ
Test Date:2023-05-02

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:3.555A P:803.8W PF:0.983 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:105204x1 lm		
NAME: SP04-800-5770-F04001X	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	16668	15.8
FM - Front-Medium(30-60)	63320	60.2
FH - Front-High(60-80)	6445.8	6.1
FVH - Front-Very High(80-90)	265.33	0.3
Total Forward Light	86699	82.4

BL - Back-Low(0-30)	5549	5.3
BM - Back-Medium(30-60)	10058	9.6
BH - Back-High(60-80)	2748.9	2.6
BVH - Back-Very High(80-90)	149.31	0.1
Total Back Light	18506	17.6

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
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	18506	0	18506
Street Side	86699	0	86699

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LYJ
Test Date:2023-05-02

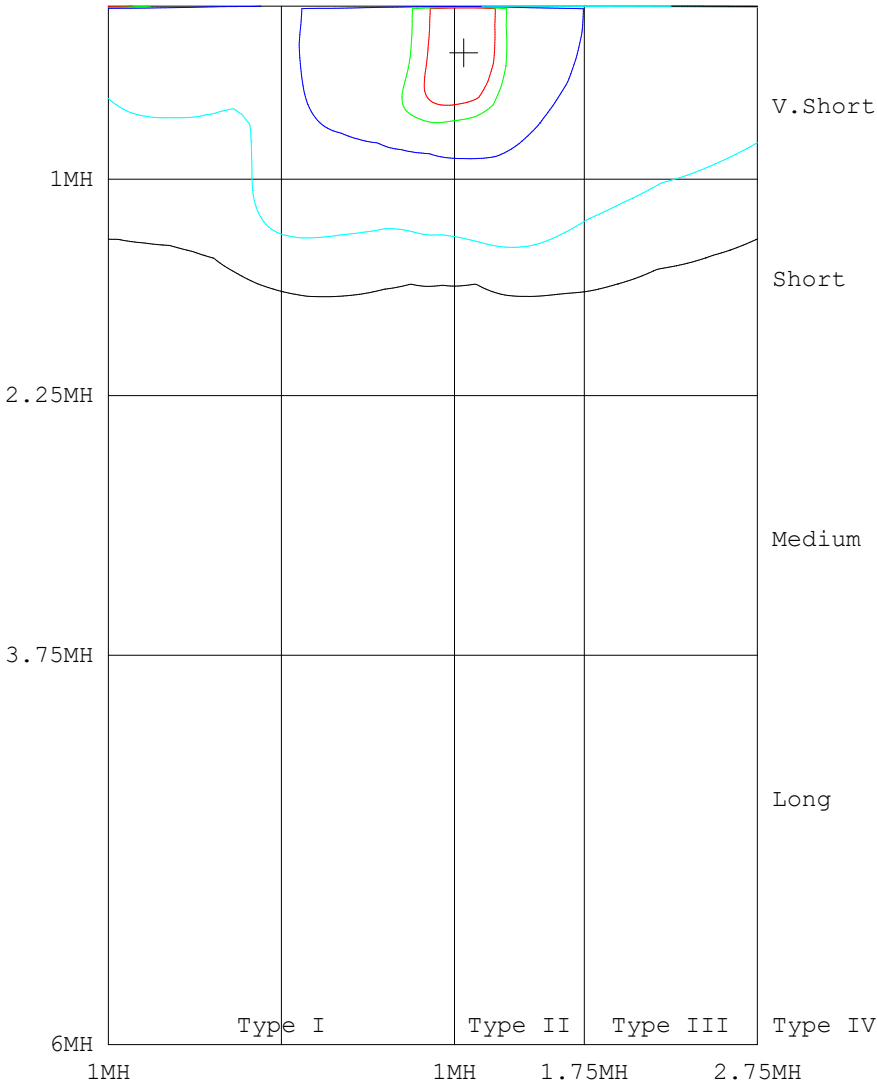
γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:230.0V I:3.555A P:803.8W PF:0.983 Freq:50.01Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:105204x1 lm		
NAME: SP04-800-5770-F04001X	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LYJ
Test Date:2023-05-02

Pavement: 70% 1.2457e+00 Road: 50% 88978

γ Range: 35091 - 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:

2.5% 4448.9
5% 8897.8