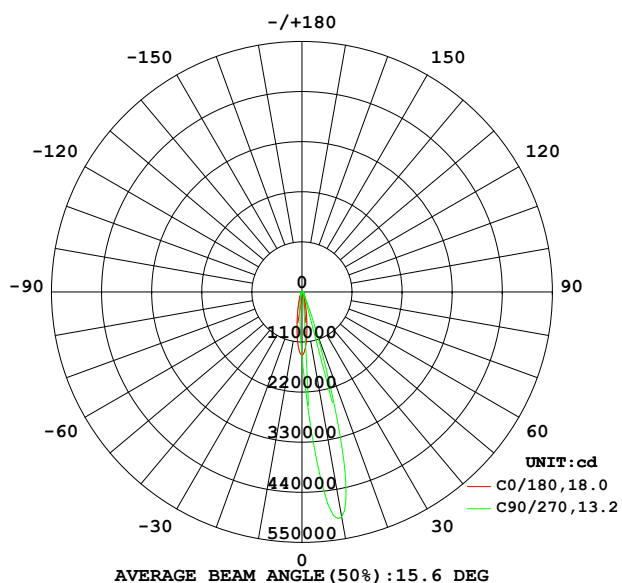
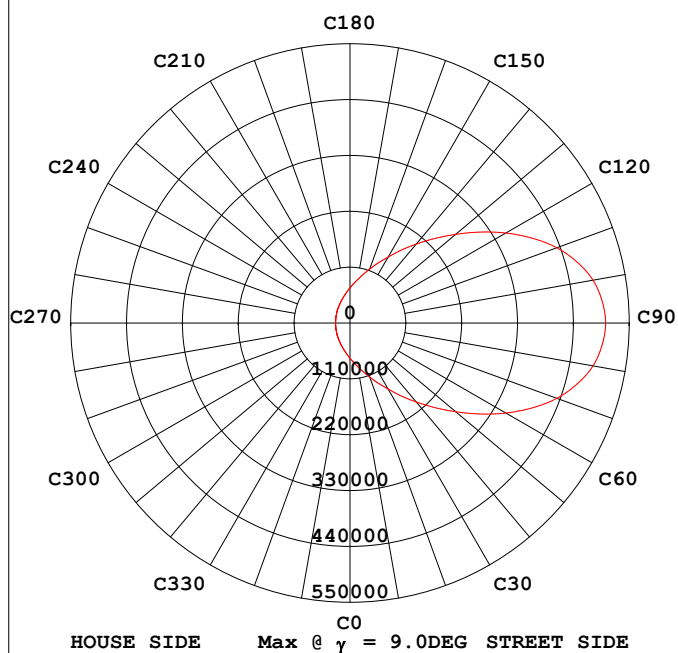


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.0V I:1.787A P:400.0W PF:0.973 Freq:50.01Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:52368.9x1 lm		
NAME: SP04-400-5770-F04002X	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

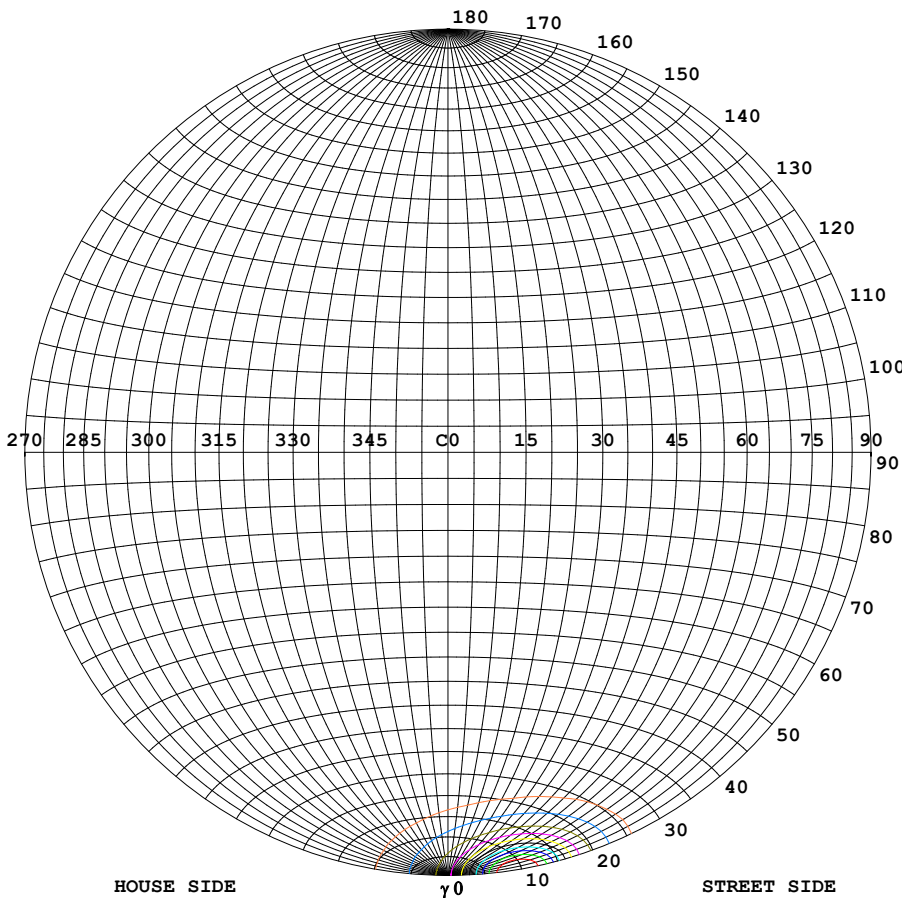
DATA OF LAMP		PHOTOMETRIC DATA Eff: 130.92 lm/W			
MODEL	/	I _{max} (cd)	503488	η street_up(%)	0.0
NOMINAL POWER(W)	/	LOR(%)	100.0	η street_down(%)	79.0
RATED VOLTAGE(V)	/	TOTAL FLUX(lm)	52369	η house_up(%)	0.0
NOMINAL FLUX(lm)	52368.9	MAXIMUM @ (C,γ)	90,9.0	η house_down(%)	21.0
LAMPS INSIDE	1	η up(%)	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: 5.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LYJ
Test Date:2023-03-09

γ Range: 0 - 180DEG
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 I - Very Short

CIE:Narrow - Short

IES:Full cut-off











CIE:Full cut-off

Max.At80:6.180cd/klm

Max.At90:0cd/klm

Max. 80-90: 6.180cd/klm

NRB 5101:Limited[1.1%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	503488
 90%	453139
 80%	402790
 70%	352441
 60%	302093
 50%	251744
 40%	201395
 30%	151046
 20%	100698
 10%	50349
 5%	25174

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature: 25.3°C

Operators:LYJ

Test Date:2023-03-09

γ Range: 0 - 180DEG

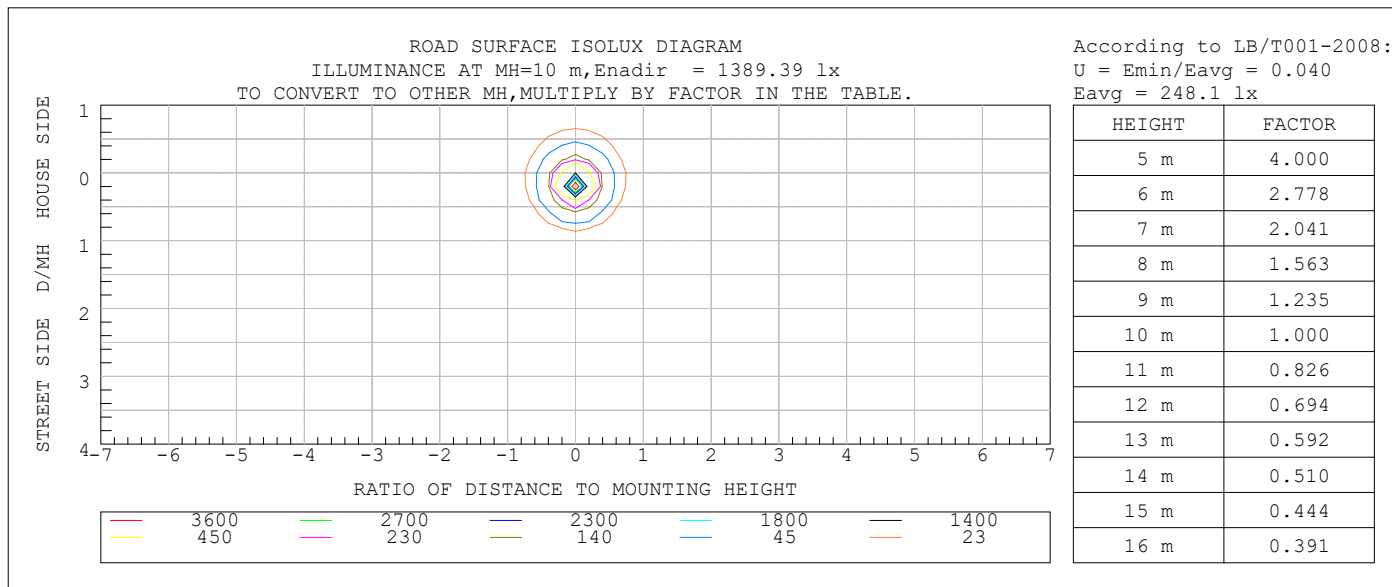
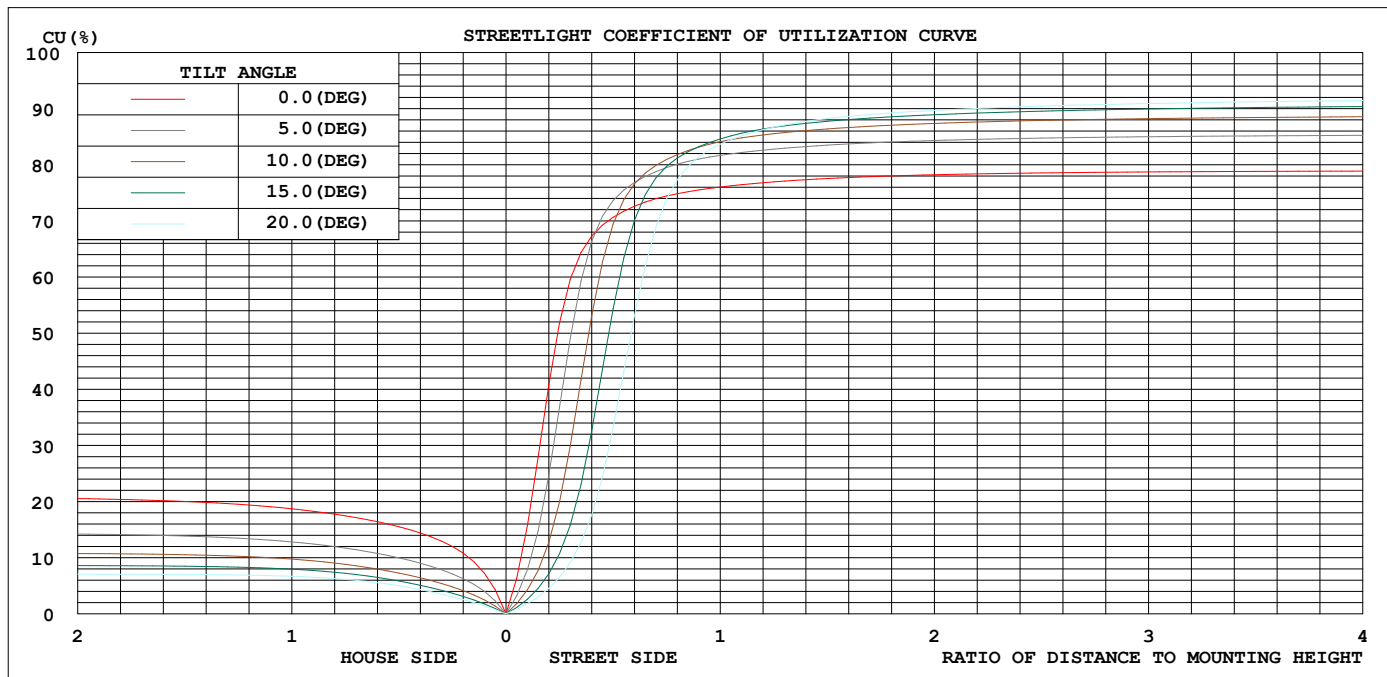
γ Interval: 0.5DEG

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: 2023-03-09

γ Range: 0 - 180DEG
 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

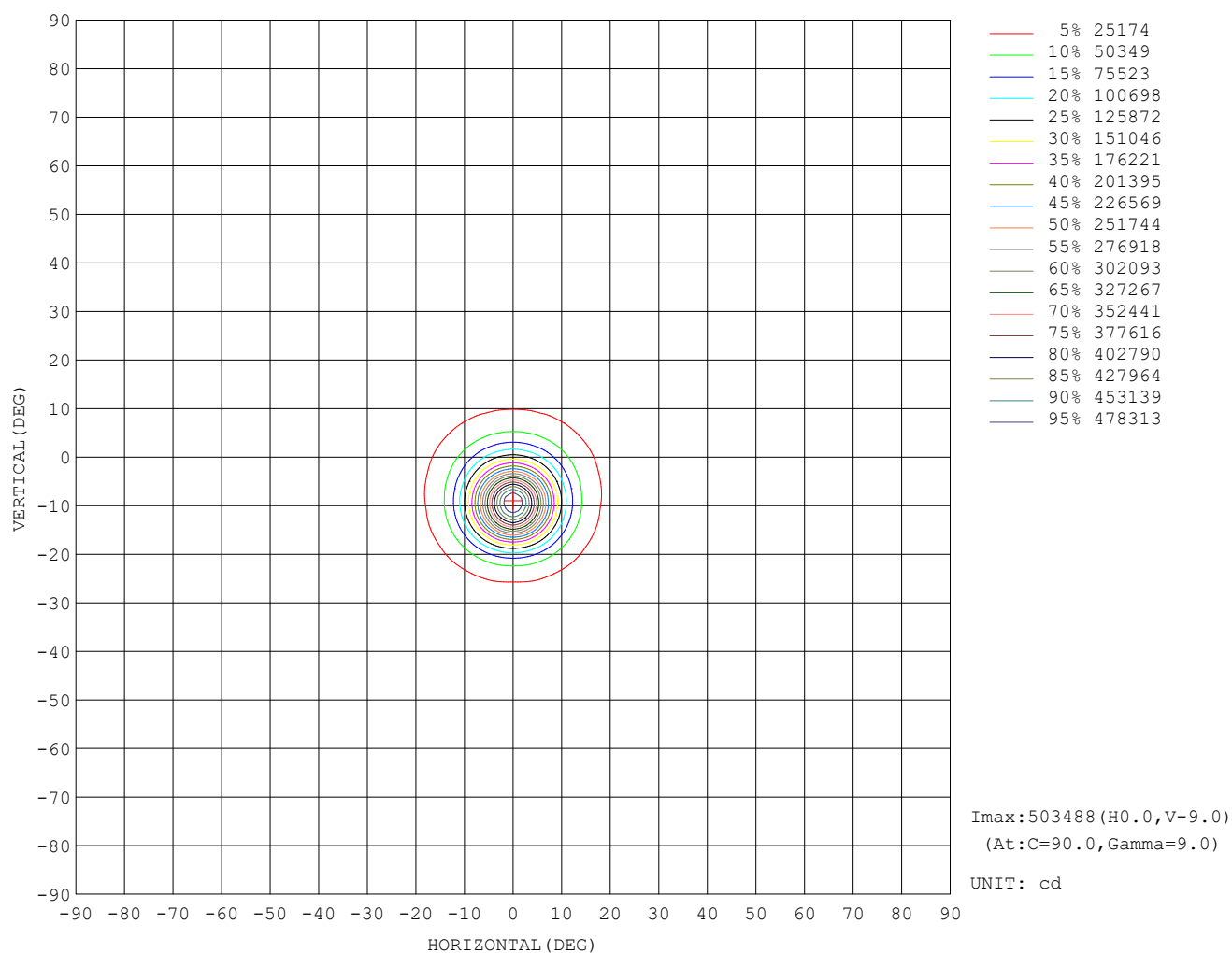
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	605.6	2189	5012	2189	605.6	310.6	245.6	310.6	0- 10	14625	14625	27.9,27.9
20	159.4	417.2	945.6	417.2	159.4	89.71	75.44	89.71	10- 20	21287	35912	68.6,68.6
30	60.17	113.3	152.3	113.3	60.17	46.63	42.87	46.63	20- 30	6567	42479	81.1,81.1
40	35.77	44.16	51.40	44.16	35.77	32.13	30.85	32.13	30- 40	3397	45876	87.6,87.6
50	26.39	27.85	28.38	27.85	26.39	25.68	23.37	25.68	40- 50	2437	48314	92.3,92.3
60	18.10	19.95	18.80	19.95	18.10	18.35	14.35	18.35	50- 60	1995	50308	96.1,96.1
70	9.865	11.57	10.64	11.57	9.865	8.736	6.017	8.736	60- 70	1371	51679	98.7,98.7
80	2.786	3.237	3.064	3.237	2.786	1.802	1.328	1.802	70- 80	603.8	52283	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	86.18	52369	100,100
100	0	0	0	0	0	0	0	0	90-100	0	52369	100,100
110	0	0	0	0	0	0	0	0	100-110	0	52369	100,100
120	0	0	0	0	0	0	0	0	110-120	0	52369	100,100
130	0	0	0	0	0	0	0	0	120-130	0	52369	100,100
140	0	0	0	0	0	0	0	0	130-140	0	52369	100,100
150	0	0	0	0	0	0	0	0	140-150	0	52369	100,100
160	0	0	0	0	0	0	0	0	150-160	0	52369	100,100
170	0	0	0	0	0	0	0	0	160-170	0	52369	100,100
180	0	0	0	0	0	0	0	0	170-180	0	52369	100,100
DEG	LUMINOUS INTENSITY:X100cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:LYJ
 Test Date:2023-03-09

γ Range: 0 - 180DEG
 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:

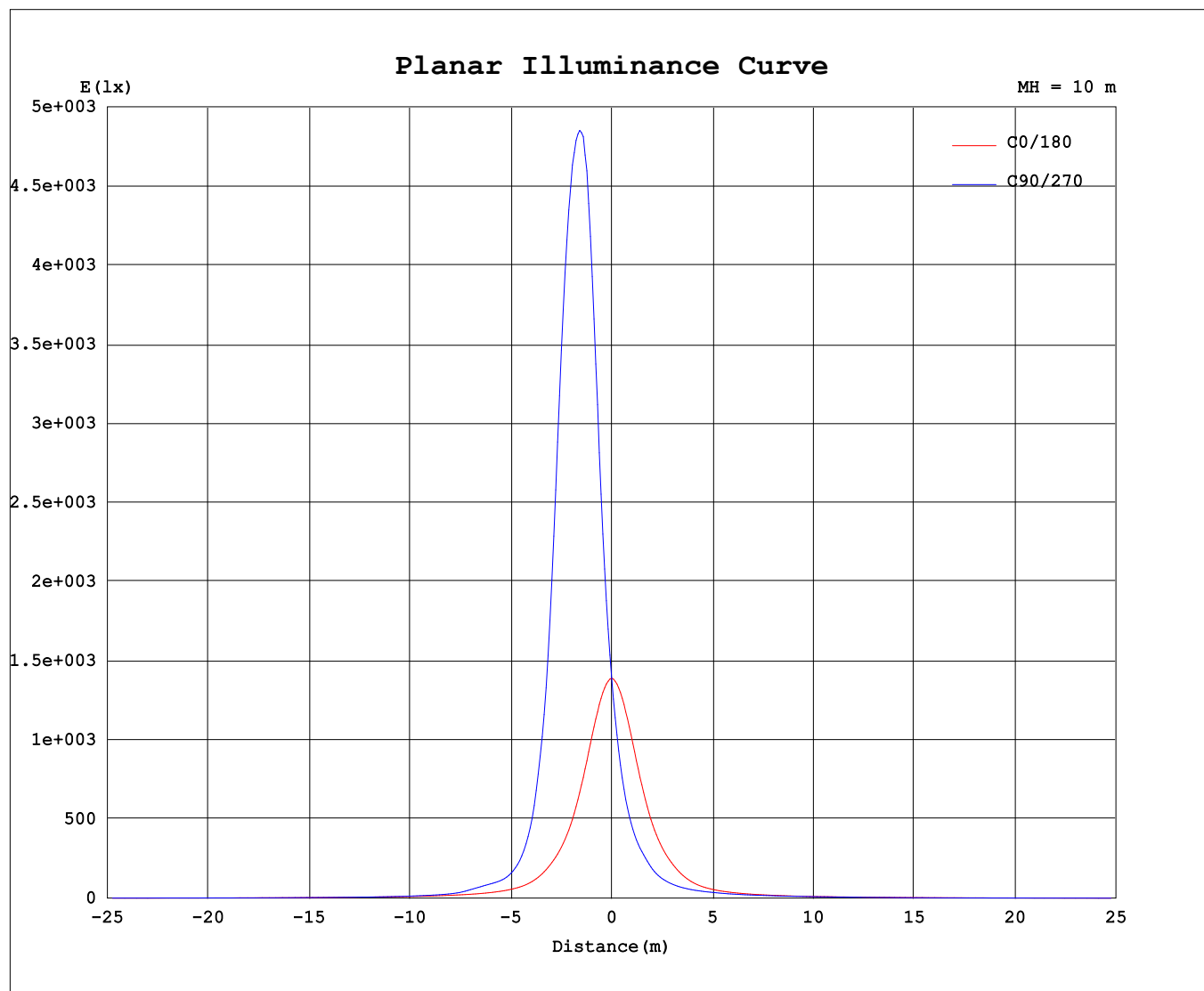
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LYJ
Test Date: 2023-03-09

γ Range: 0 - 180DEG
 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: 2023-03-09

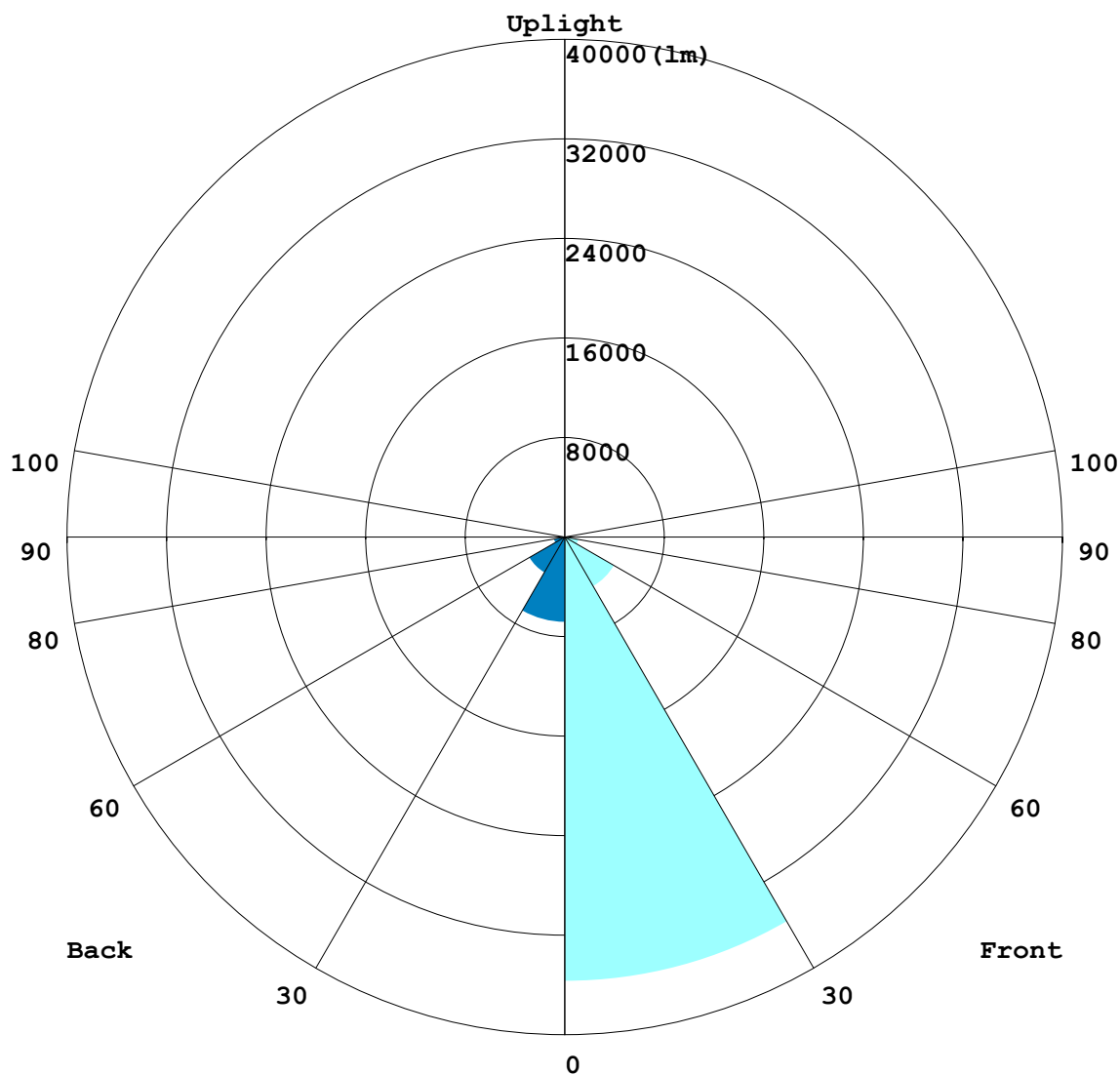
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity: 65.0%
Test Distance: 26.000m [K=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:230.0V I:1.787A P:400.0W PF:0.973 Freq:50.01Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:52368.9x1 lm		
NAME: SP04-400-5770-F04002X	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℃
Operators:LYJ
Test Date:2023-03-09

γ Range: 0 - 180DEG
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:1.787A P:400.0W PF:0.973 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:52368.9x1 lm		
NAME: SP04-400-5770-F04002X	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	35667	68.1
FM - Front-Medium(30-60)	4554.9	8.7
FH - Front-High(60-80)	1100.6	2.1
FVH - Front-Very High(80-90)	53.521	0.1
Total Forward Light	41376	79.0

BL - Back-Low(0-30)	6812.5	13.0
BM - Back-Medium(30-60)	3273.9	6.3
BH - Back-High(60-80)	873.97	1.7
BVH - Back-Very High(80-90)	32.658	0.1
Total Back Light	10993	21.0

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-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	10993	0	10993
Street Side	41376	0	41376

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LYJ
Test Date:2023-03-09

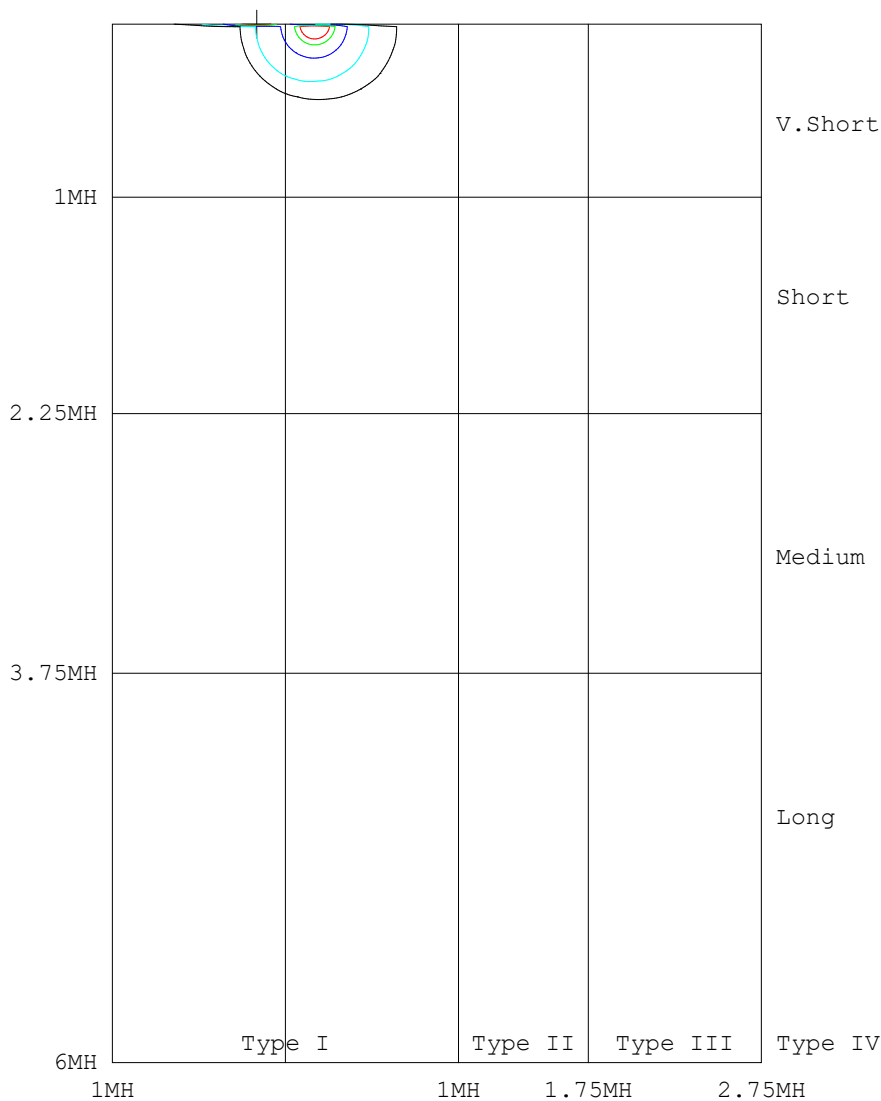
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:230.0V I:1.787A P:400.0W PF:0.973 Freq:50.01Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:52368.9x1 lm		
NAME: SP04-400-5770-F04002X	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:2023-03-09

Pavement

Road

Range: 0 - 180DEG
Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4556]
Remarks: