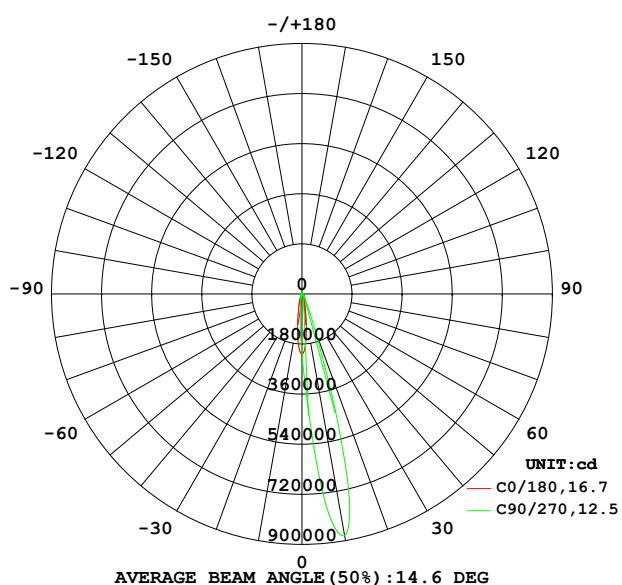


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

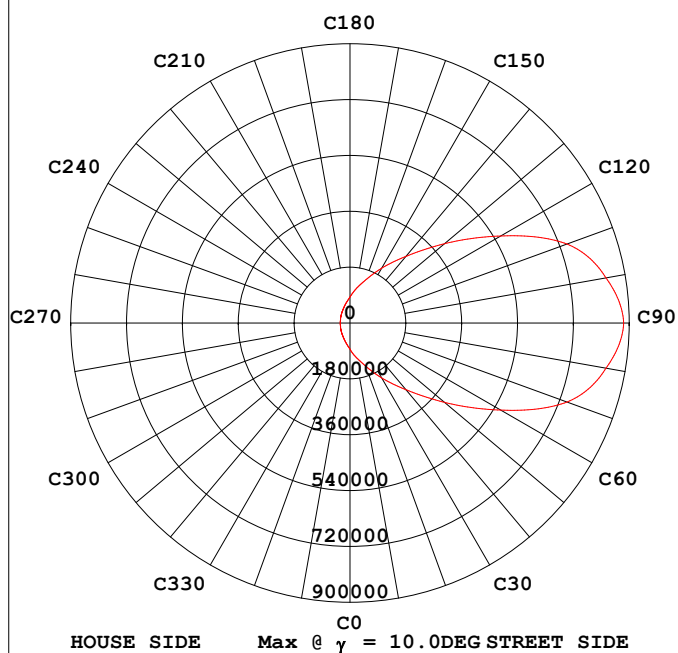
STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.0V I:2.665A P:600.0W PF:0.979 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:81496x1 lm		
NAME: SP04-600-5770-F04002X	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 135.83 lm/W			
MODEL	/	I _{max} (cd)	881871	η street_up(%)	0.0
NOMINAL POWER(W)	/	LOR(%)	100.0	η street_down(%)	80.1
RATED VOLTAGE(V)	/	TOTAL FLUX(lm)	81496	η house_up(%)	0.0
NOMINAL FLUX(lm)	81496	MAXIMUM @ (C,γ)	90,10.0	η house_down(%)	19.9
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	/	η down(%)	100.0	SLI	

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS

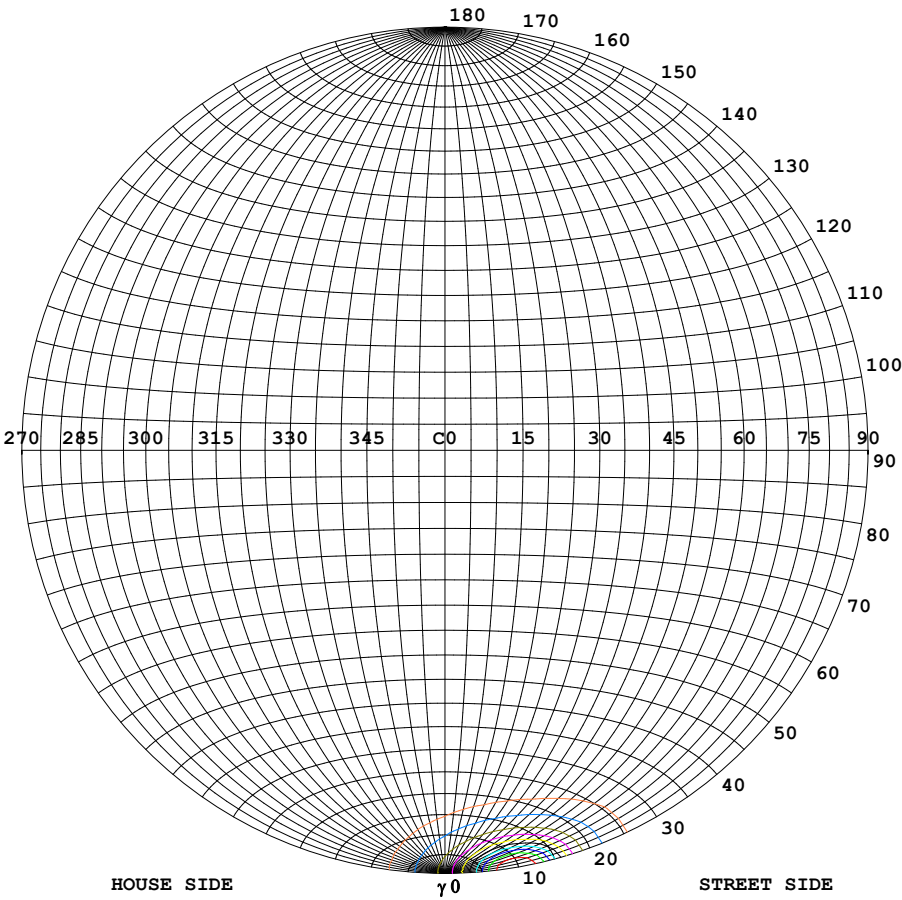
AVERAGE BEAM ANGLE (50%):14.6 DEG

MAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LYJ
Test Date:2023-02-28

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

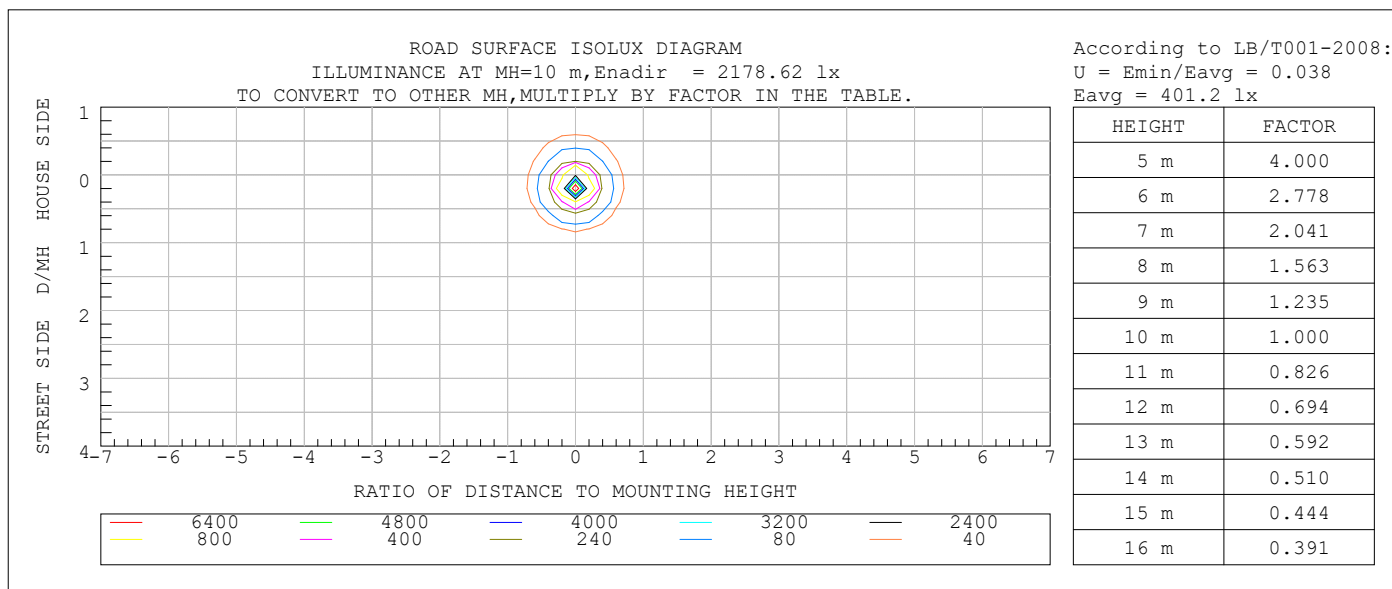
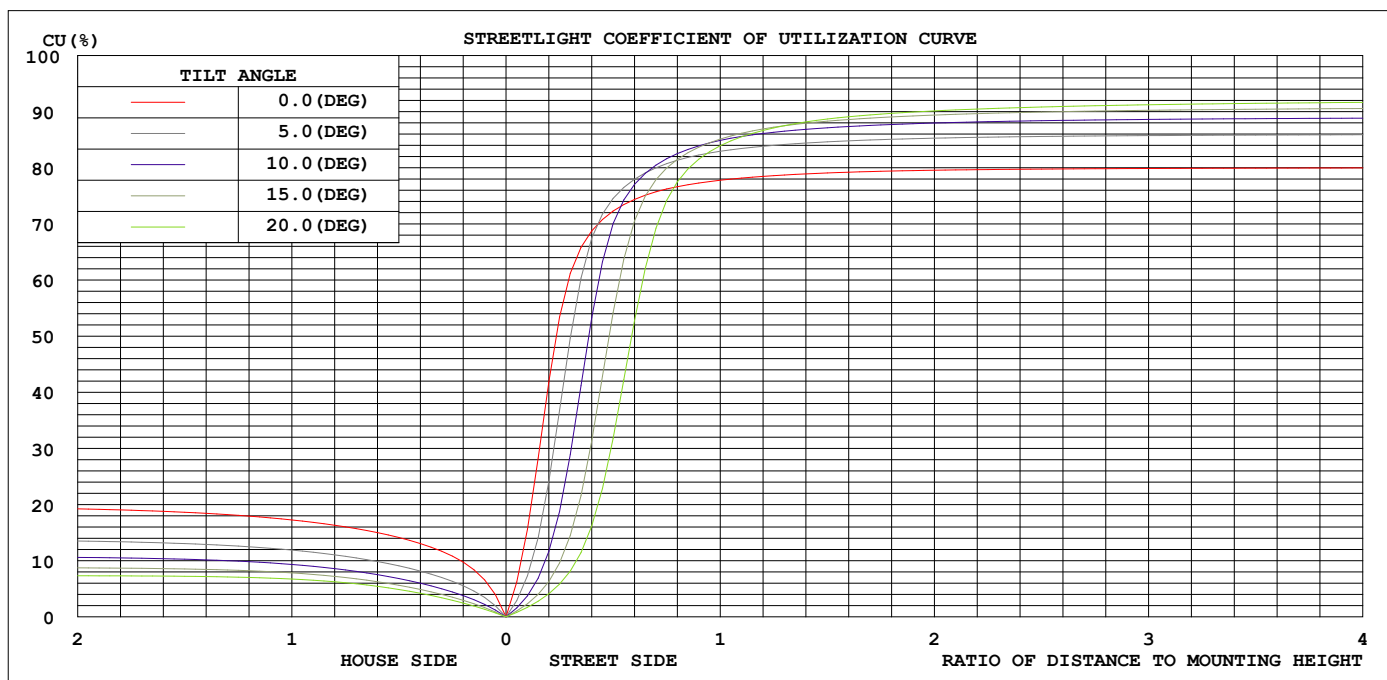


Classification:

IES:Type I - Very Short
CIE:Narrow - Short
IES:Full cut-off
CIE:Full cut-off
Max.At80:6.288cd/klm
Max.At90:0cd/klm
Max.80-90:6.288cd/klm
NRB 5101:Limited[1.1%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	881871
90%	793684
80%	705497
70%	617310
60%	529123
50%	440936
40%	352748
30%	264561
20%	176374
10%	88187
5%	44094

C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 10.0DEG	γ Interval: 0.5DEG
Test Speed: HIGH	Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Temperature:25.3°C	Humidity:65.0%
Operators:LYJ	Test Distance:26.000m [K=0.4556]
Test Date:2023-02-28	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: 2023-02-28

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

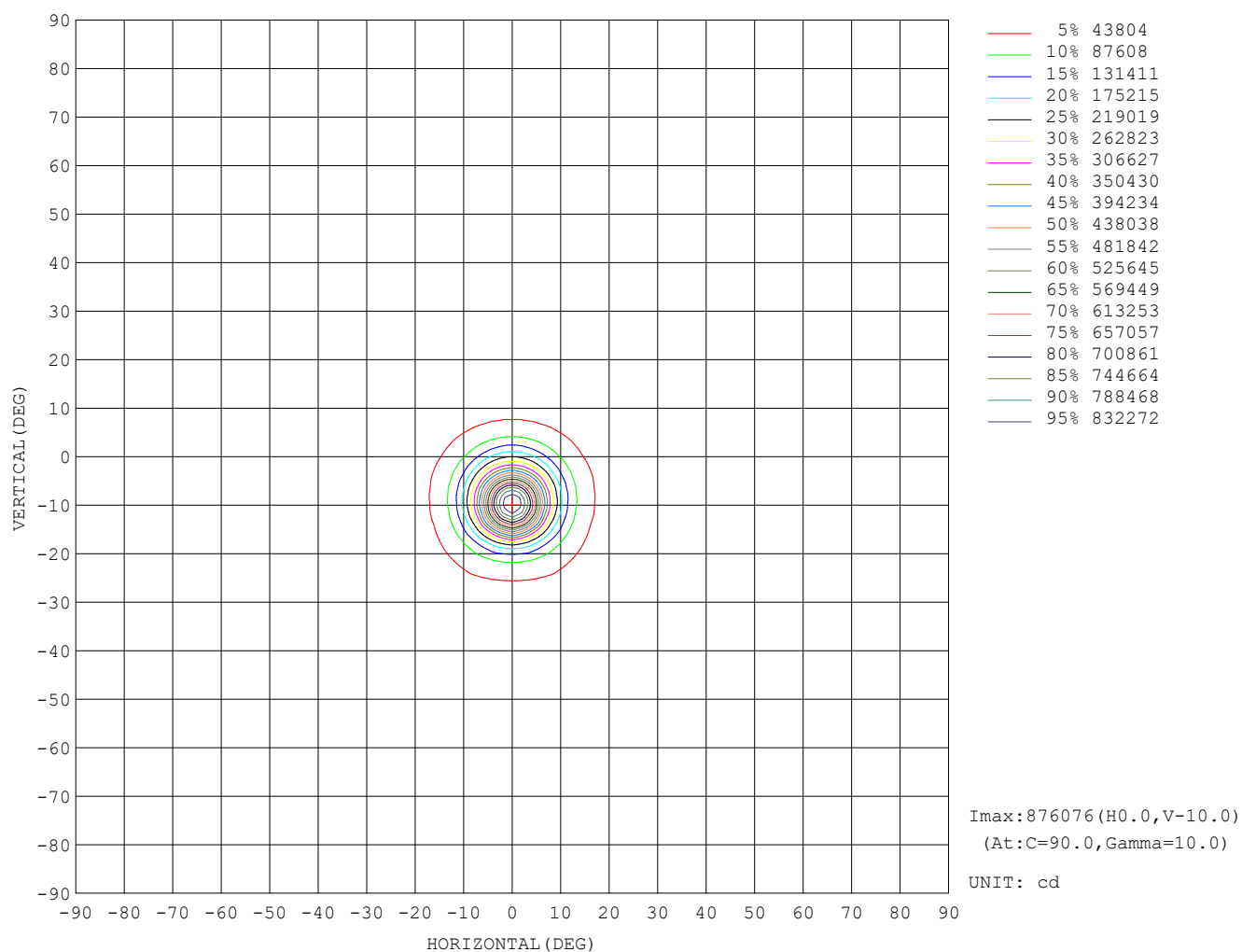
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	839.7	3389	8819	3389	839.7	396.4	309.8	396.4	0- 10	23177	23177	28.4,28.4
20	222.2	622.4	1371	622.4	222.2	126.2	107.5	126.2	10- 20	32970	56146	68.9,68.9
30	86.71	187.0	242.4	187.0	86.71	69.09	64.43	69.09	20- 30	10176	66322	81.4,81.4
40	53.62	71.79	82.92	71.79	53.62	49.03	47.05	49.03	30- 40	5357	71679	88,88
50	39.22	41.45	38.74	41.45	39.22	39.27	38.11	39.27	40- 50	3756	75435	92.6,92.6
60	26.94	26.23	20.27	26.23	26.94	29.92	26.97	29.92	50- 60	2980	78416	96.2,96.2
70	14.82	12.52	10.02	12.52	14.82	16.63	15.14	16.63	60- 70	2011	80427	98.7,98.7
80	4.294	3.184	4.735	3.184	4.294	4.776	4.445	4.776	70- 80	923.4	81351	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	145.4	81496	100,100
100	0	0	0	0	0	0	0	0	90-100	0	81496	100,100
110	0	0	0	0	0	0	0	0	100-110	0	81496	100,100
120	0	0	0	0	0	0	0	0	110-120	0	81496	100,100
130	0	0	0	0	0	0	0	0	120-130	0	81496	100,100
140	0	0	0	0	0	0	0	0	130-140	0	81496	100,100
150	0	0	0	0	0	0	0	0	140-150	0	81496	100,100
160	0	0	0	0	0	0	0	0	150-160	0	81496	100,100
170	0	0	0	0	0	0	0	0	160-170	0	81496	100,100
180	0	0	0	0	0	0	0	0	170-180	0	81496	100,100
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:2023-02-28

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:

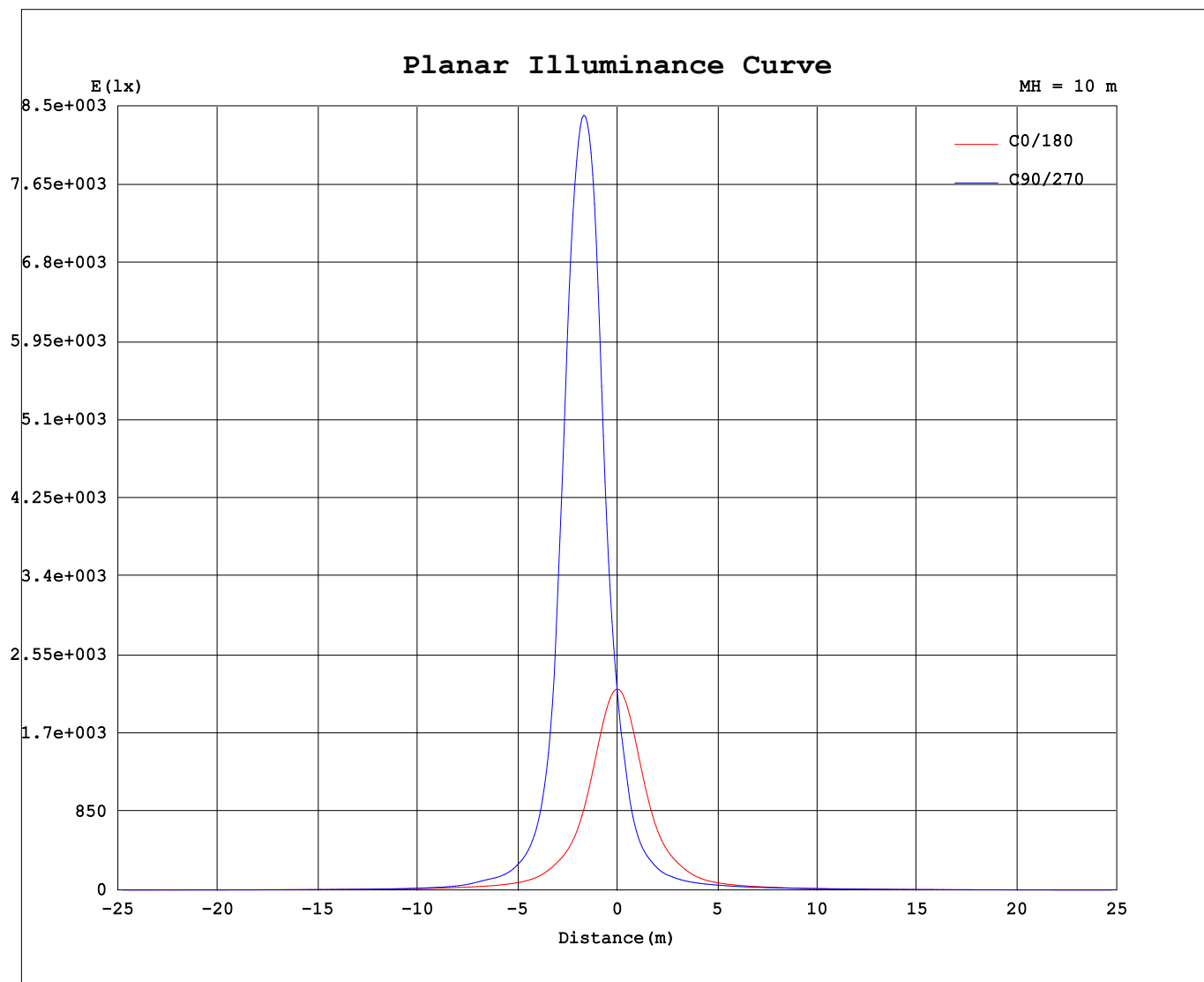
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LYJ
Test Date: 2023-02-28

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: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LYJ
Test Date: 2023-02-28

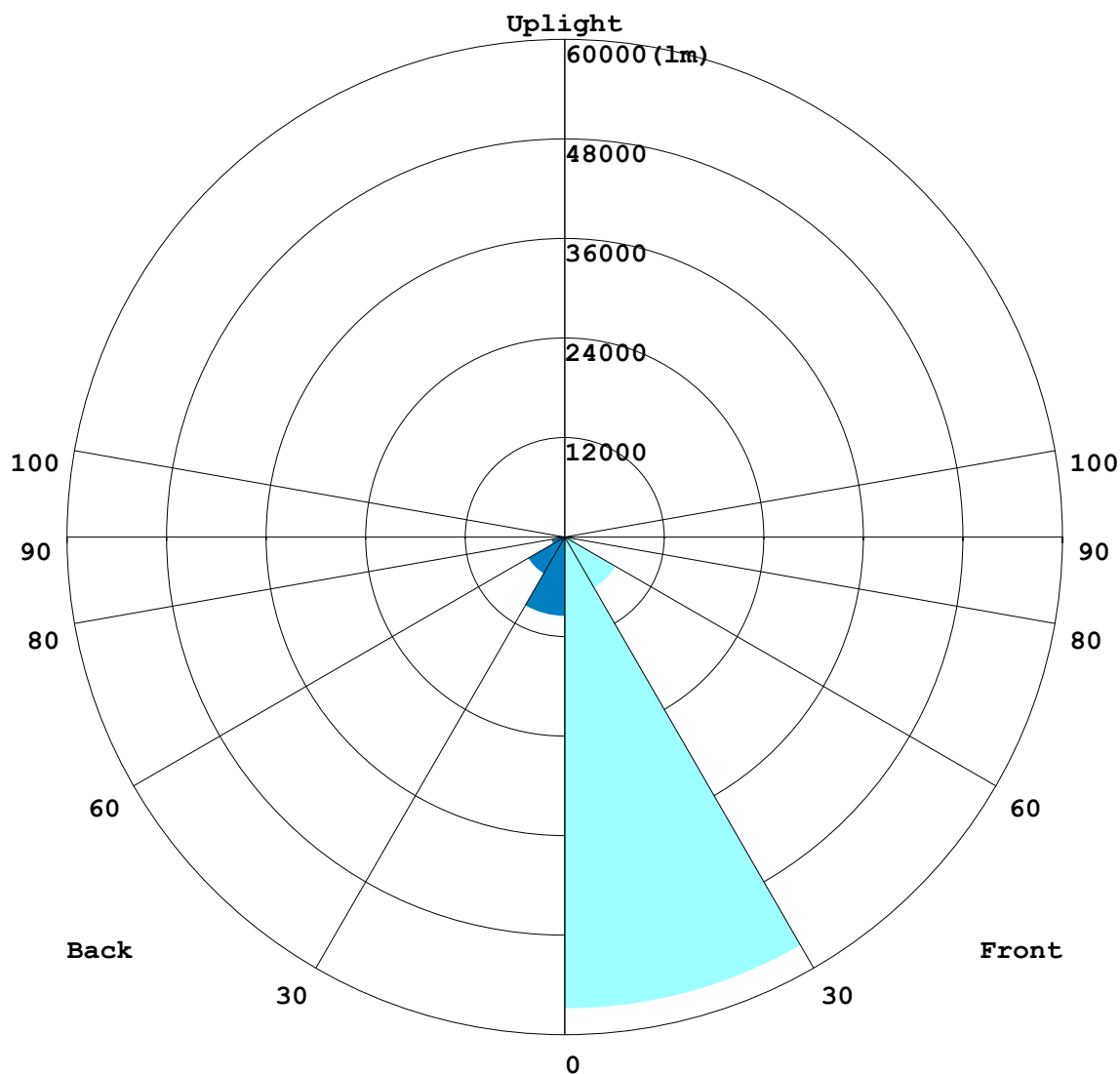
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity: 65.0%
Test Distance: 26.000m [K=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:230.0V I:2.665A P:600.0W PF:0.979 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:81496x1 lm		
NAME: SP04-600-5770-F04002X	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:2023-02-28

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:2.665A P:600.0W PF:0.979 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:81496x1 lm		
NAME: SP04-600-5770-F04002X	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	56819	69.7
FM - Front-Medium(30-60)	7037.3	8.6
FH - Front-High(60-80)	1328.6	1.6
FVH - Front-Very High(80-90)	61.418	0.1
Total Forward Light	65247	80.1

BL - Back-Low(0-30)	9502.8	11.7
BM - Back-Medium(30-60)	5056.4	6.2
BH - Back-High(60-80)	1606.2	2.0
BVH - Back-Very High(80-90)	83.942	0.1
Total Back Light	16249	19.9

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-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	16249	0	16249
Street Side	65247	0	65247

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:LYJ
 Test Date:2023-02-28

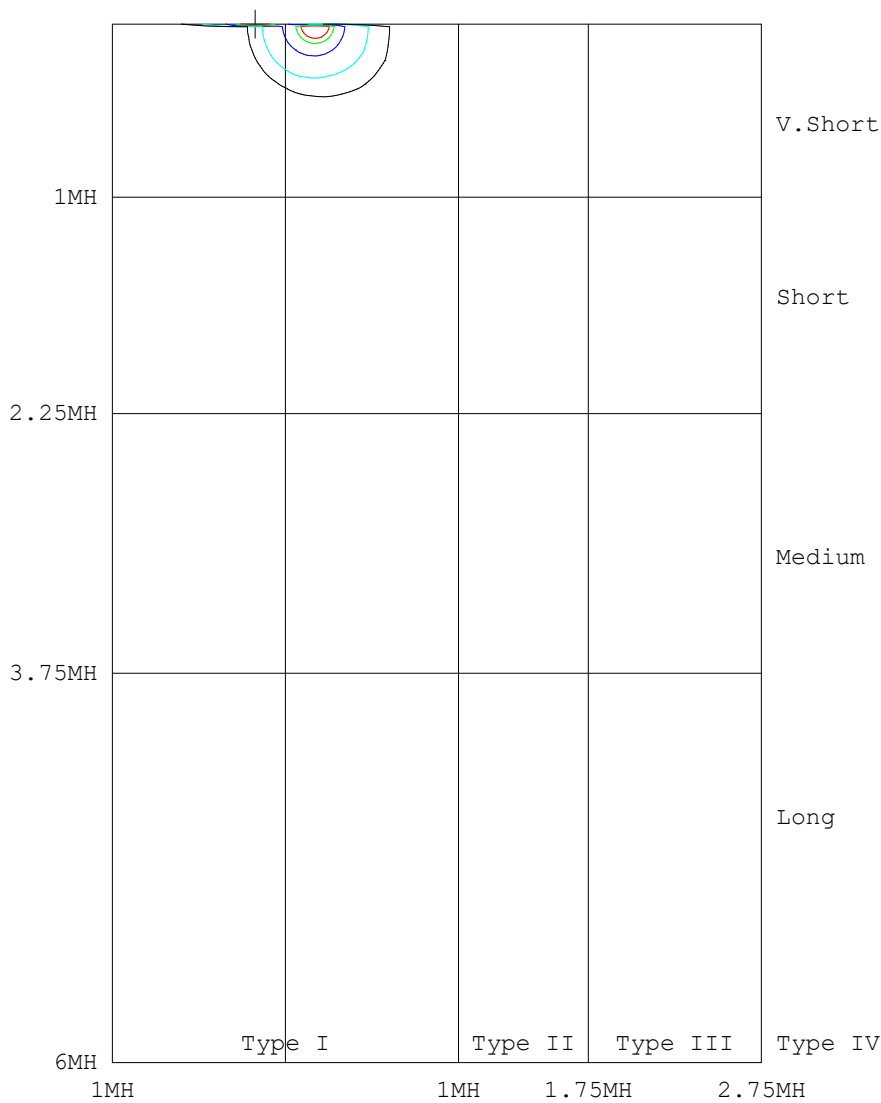
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
 Humidity:65.0%
 Test Distance:26.000m [K=0.4556]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:230.0V I:2.665A P:600.0W PF:0.979 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:81496x1 lm		
NAME: SP04-600-5770-F04002X	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:2023-02-28

Pavement: 70% 6.1344e+00 Road: 50% 4.3817e+005% 4.3817e+005% 2.5% 21909

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: