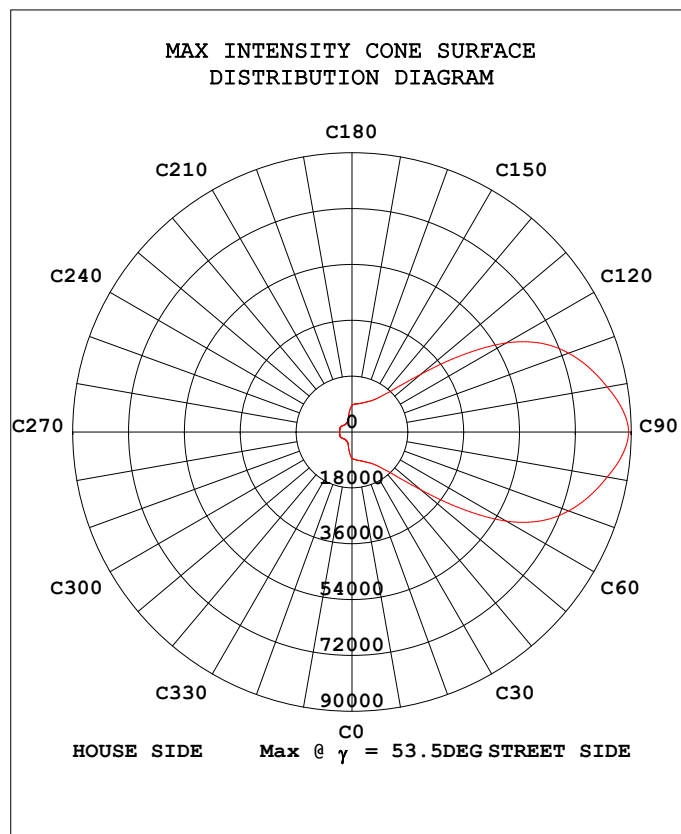
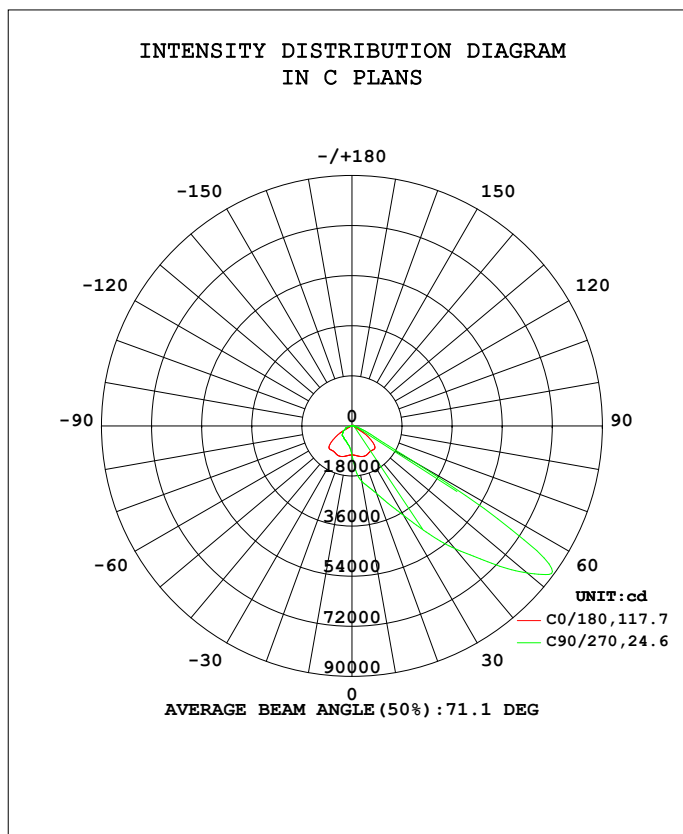


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.0V I:2.140A P:480.0W PF:0.975 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:64327.6x1 lm		
NAME: SP04-480-5770-F04013	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

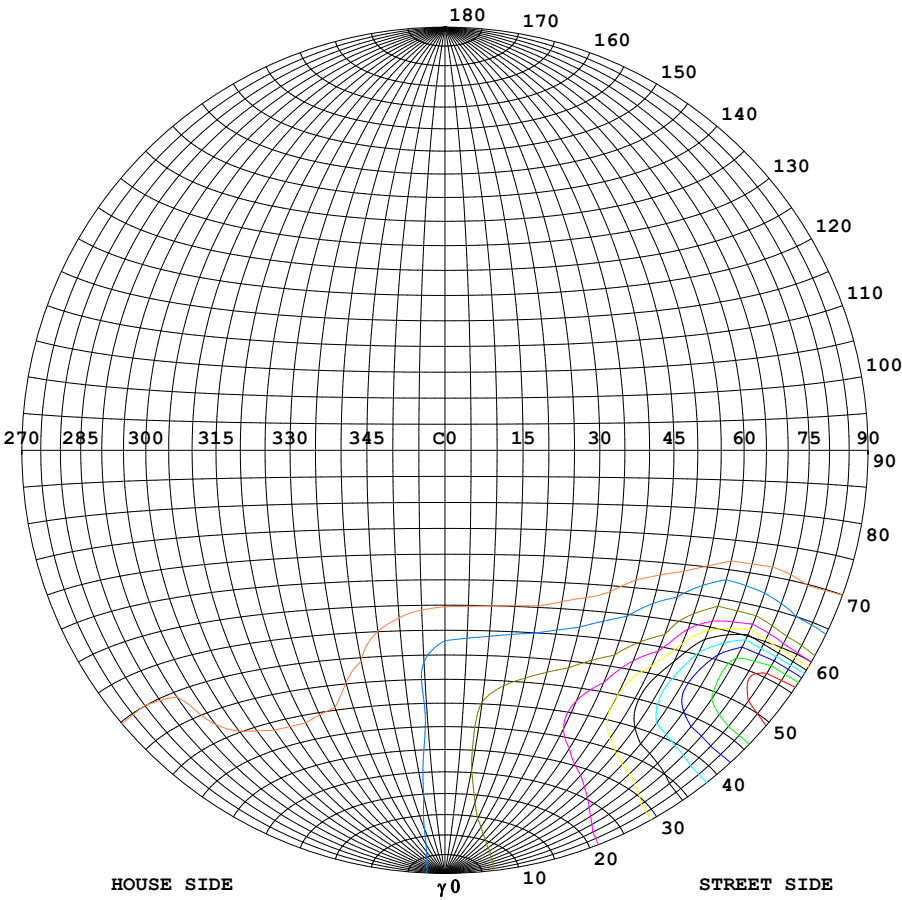
DATA OF LAMP		PHOTOMETRIC DATA Eff: 134.02 lm/W			
MODEL	/	I _{max} (cd)	89175	η street_up (%)	0.0
NOMINAL POWER (W)	/	LOR (%)	100.0	η street_down (%)	84.2
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	64328	η house_up (%)	0.0
NOMINAL FLUX (lm)	64327.6	MAXIMUM @ (C, γ)	90,53.5	η house_down (%)	15.8
LAMPS INSIDE	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°C
Operators: LYJ
Test Date: 2023-03-03

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

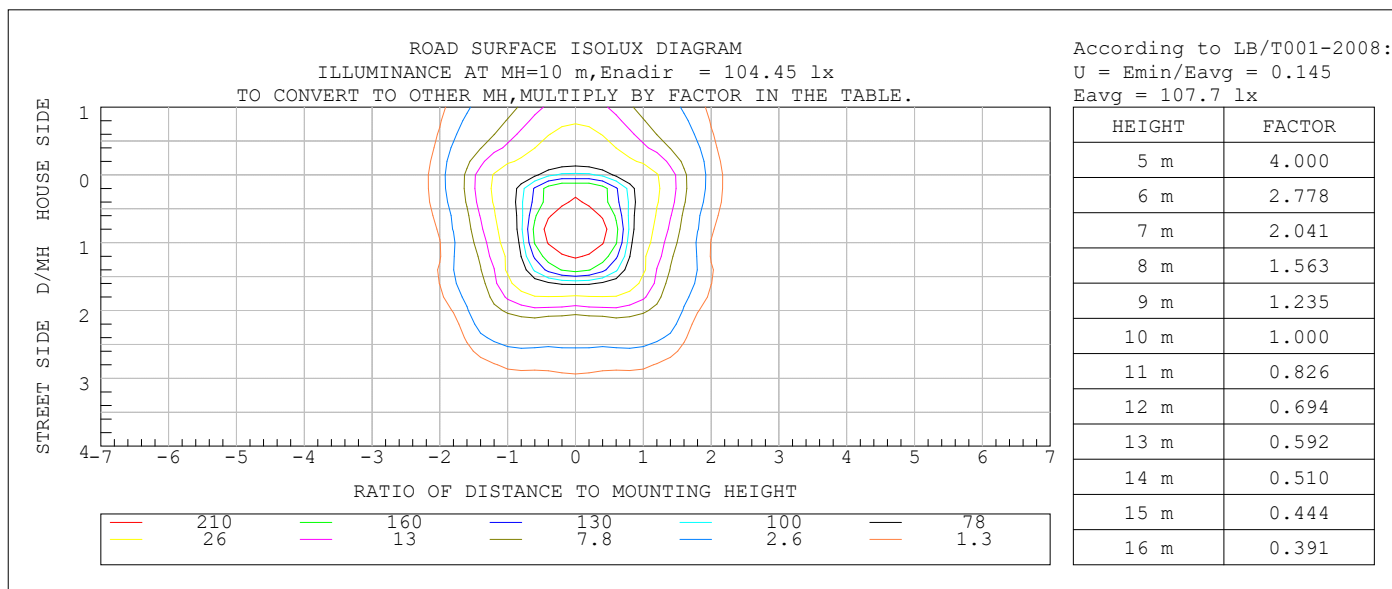
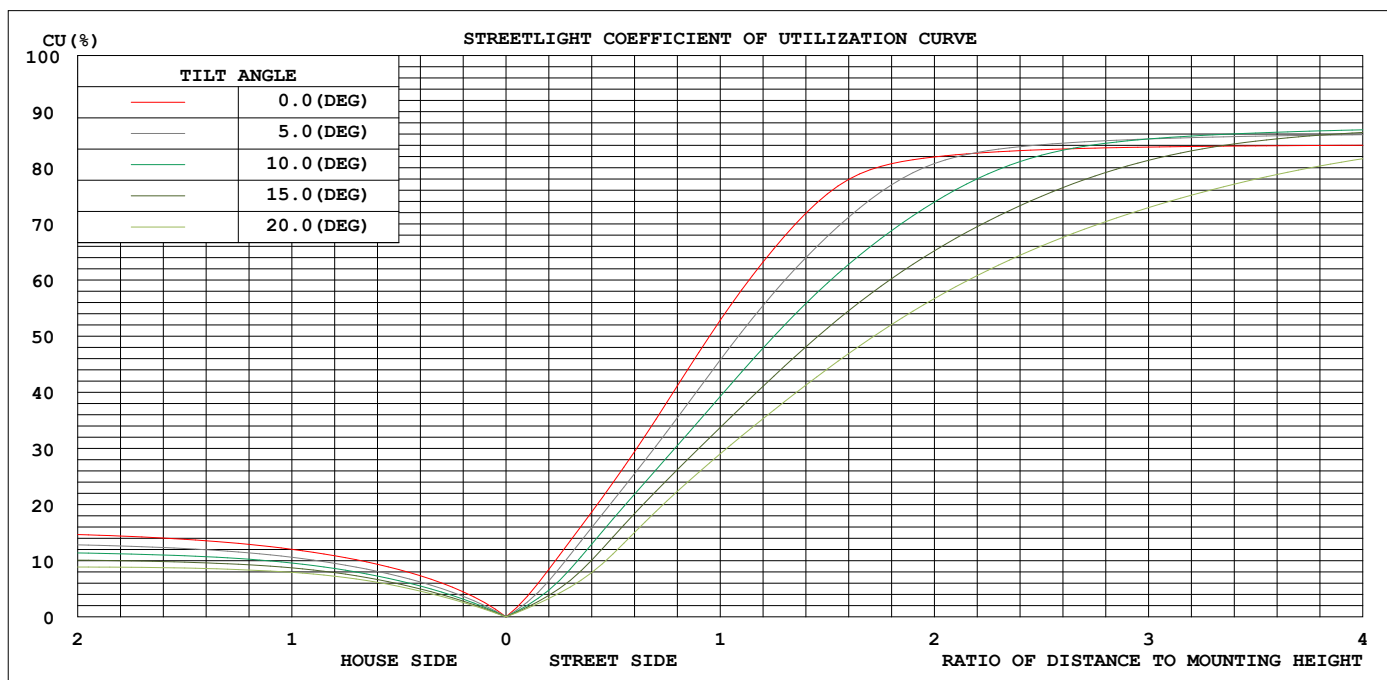


Classification:
IES:Type II - Very Short
CIE:Broad - Short
IES:Full cut-off
CIE:Full cut-off
Max.At80:16.53cd/klm
Max.At90:0cd/klm
Max.80-90:16.53cd/klm
NRB 5101:Limited[1.7%]

ISOCANDELA DIAGRAM		
UNIT		cd
Imax=100%		89175
	90%	80257
	80%	71340
	70%	62422
	60%	53505
	50%	44587
	40%	35670
	30%	26752
	20%	17835
	10%	8917
	5%	4459

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LYJ
Test Date:2023-03-03

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: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LYJ
Test Date: 2023-03-03

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

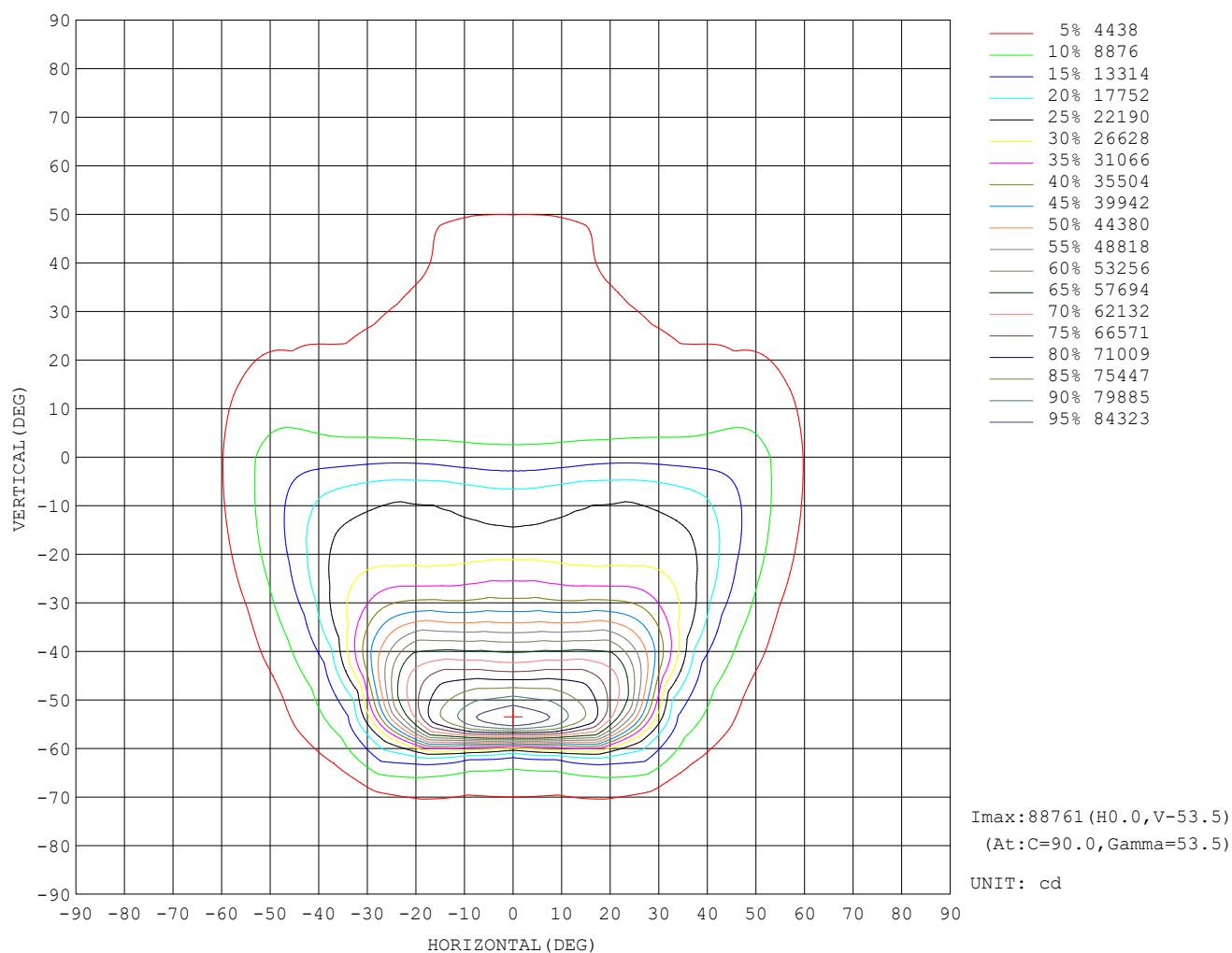
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1092	1880	2014	1880	1092	745.5	702.5	745.5	0- 10	1129	1129	1.76,1.76
20	1167	2317	2582	2317	1167	625.9	593.2	625.9	10- 20	3907	5036	7.83,7.83
30	1153	2657	3711	2657	1153	516.9	548.3	516.9	20- 30	7166	12202	19,19
40	1139	3480	5754	3480	1139	433.7	495.6	433.7	30- 40	11767	23970	37.3,37.3
50	1039	3033	8215	3033	1039	362.0	444.3	362.0	40- 50	17250	41220	64.1,64.1
60	415.6	1116	2598	1116	415.6	271.7	341.1	271.7	50- 60	16640	57860	89.9,89.9
70	118.8	252.5	446.4	252.5	118.8	127.4	255.3	127.4	60- 70	4994	62854	97.7,97.7
80	34.14	45.07	106.3	45.07	34.14	33.11	70.41	33.11	70- 80	1299	64152	99.7,99.7
90	0	0	0	0	0	0	0	0	80- 90	175.3	64328	100,100
100	0	0	0	0	0	0	0	0	90-100	0	64328	100,100
110	0	0	0	0	0	0	0	0	100-110	0	64328	100,100
120	0	0	0	0	0	0	0	0	110-120	0	64328	100,100
130	0	0	0	0	0	0	0	0	120-130	0	64328	100,100
140	0	0	0	0	0	0	0	0	130-140	0	64328	100,100
150	0	0	0	0	0	0	0	0	140-150	0	64328	100,100
160	0	0	0	0	0	0	0	0	150-160	0	64328	100,100
170	0	0	0	0	0	0	0	0	160-170	0	64328	100,100
180	0	0	0	0	0	0	0	0	170-180	0	64328	100,100
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LYJ
 Test Date:2023-03-03

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:

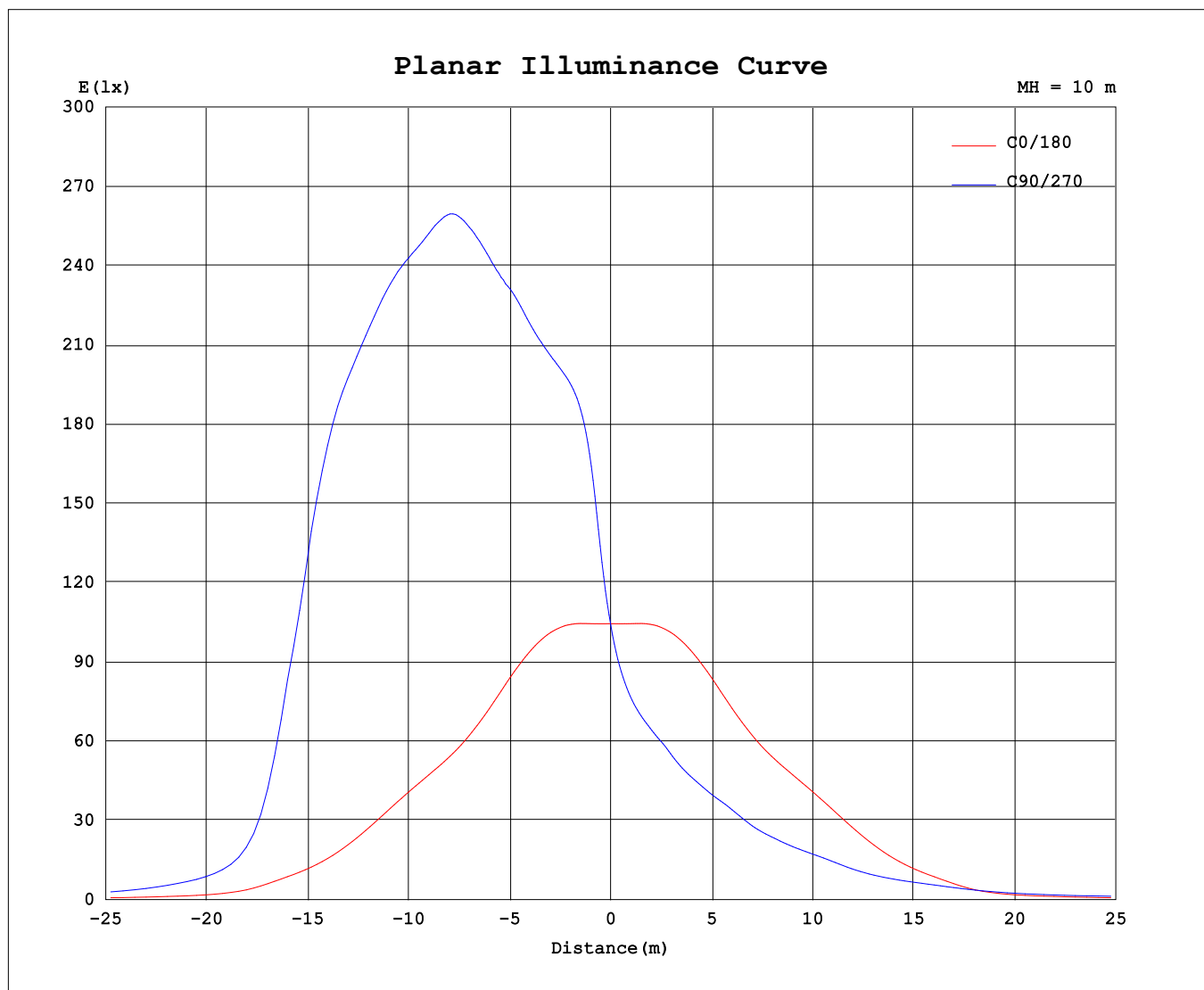
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:LYJ
Test Date:2023-03-03

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: 2023-03-03

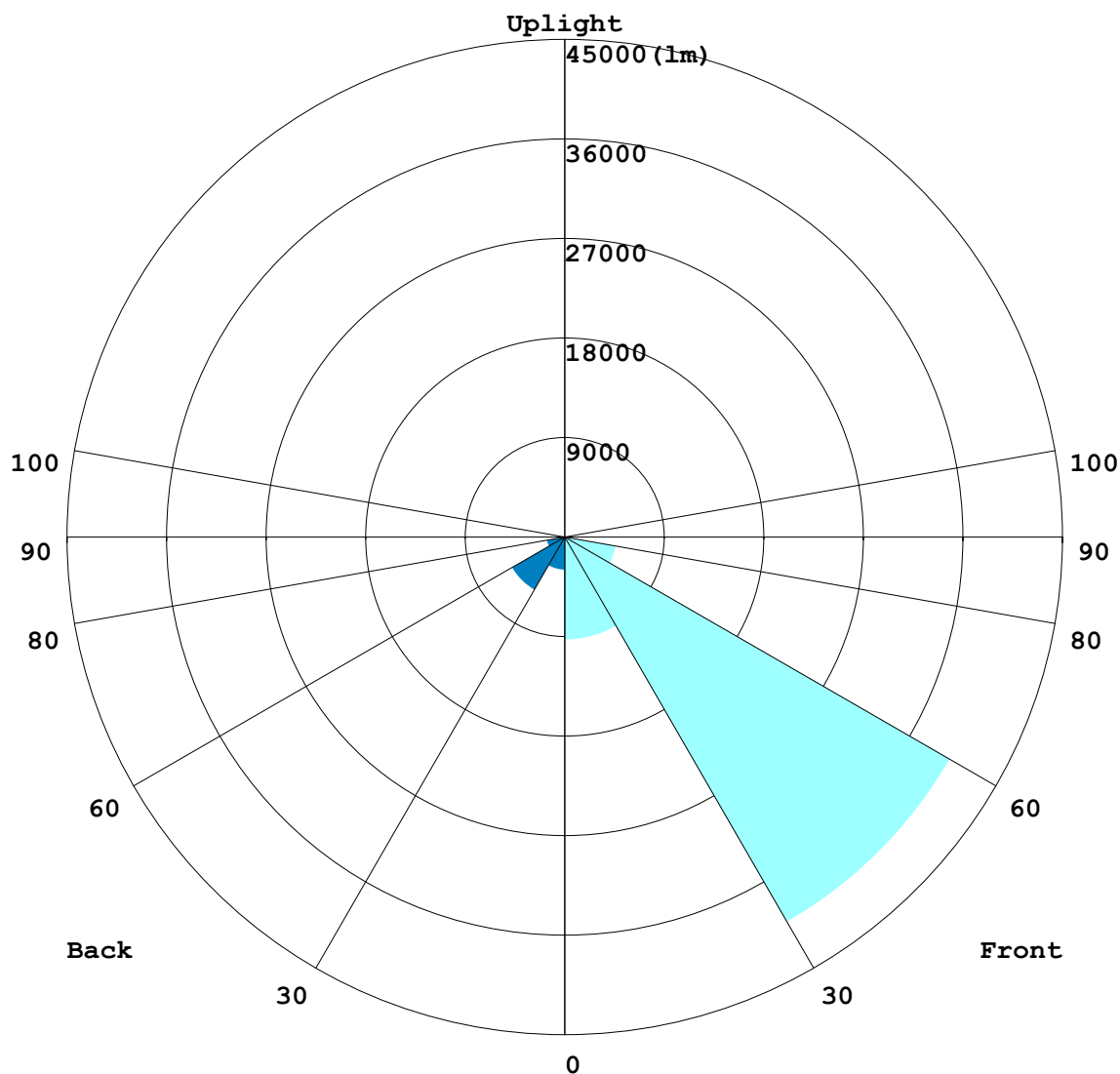
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity: 65.0%
Test Distance: 26.000m [K=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:230.0V I:2.140A P:480.0W PF:0.975 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:64327.6x1 lm		
NAME: SP04-480-5770-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°C
Operators:LYJ
Test Date:2023-03-03

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:2.140A P:480.0W PF:0.975 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:64327.6x1 lm		
NAME: SP04-480-5770-F04013	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	9261.1	14.4
FM - Front-Medium(30-60)	40168	62.4
FH - Front-High(60-80)	4659.6	7.2
FVH - Front-Very High(80-90)	89.405	0.1
Total Forward Light	54178	84.2

BL - Back-Low(0-30)	2941.2	4.6
BM - Back-Medium(30-60)	5489.3	8.5
BH - Back-High(60-80)	1633	2.5
BVH - Back-Very High(80-90)	85.908	0.1
Total Back Light	10149	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	B4-U0-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	10149	0	10149
Street Side	54178	0	54178

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LYJ
Test Date:2023-03-03

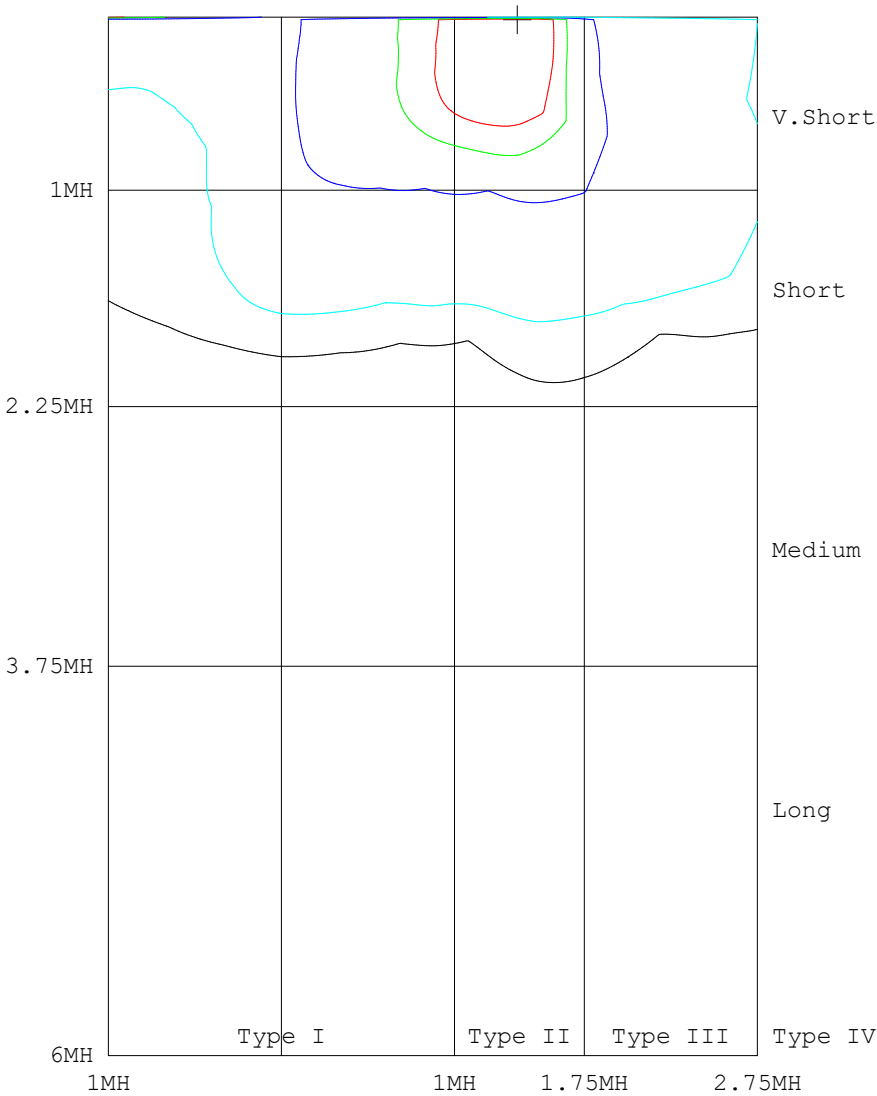
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:230.0V I:2.140A P:480.0W PF:0.975 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:64327.6x1 lm		
NAME: SP04-480-5770-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:2023-03-03

Pavement 70% 61948 50% 42249 Road 70% 61948 50% 42249

γ Range: 17000 - 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: