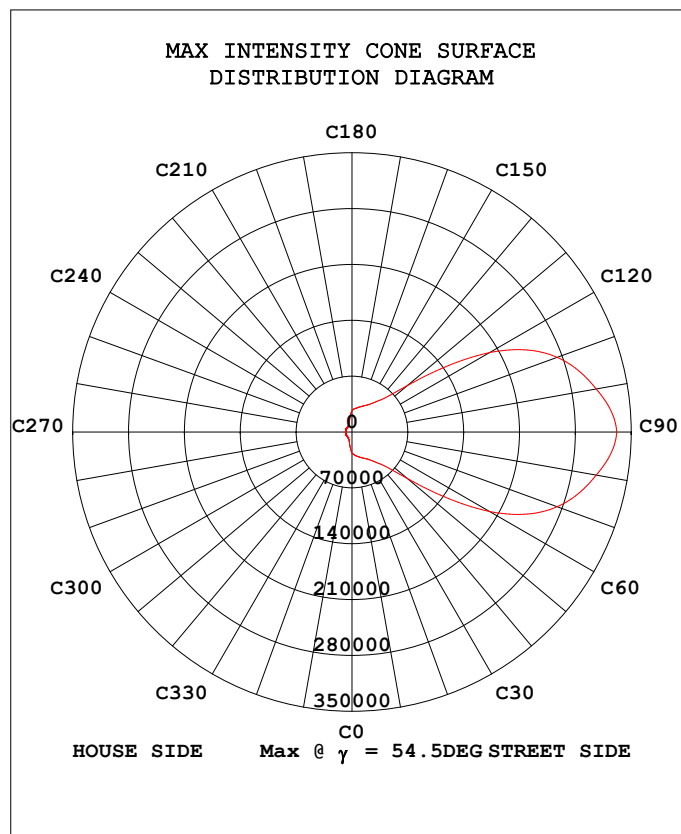
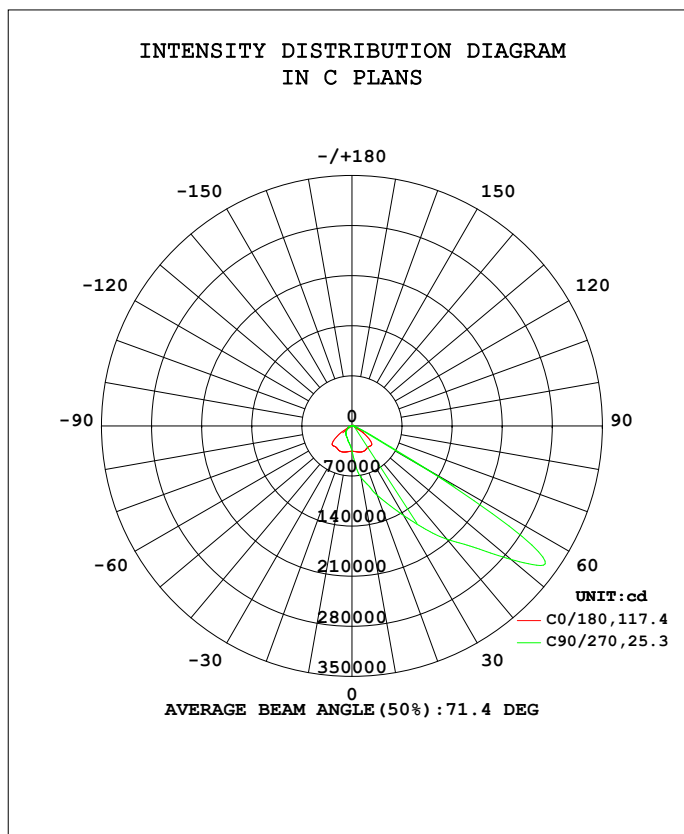


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.0V I:7.842A P:1800.0W PF:0.998 Freq:580.0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:227801x1 lm		
NAME: SP04-1K8-5770-F04013-L39	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

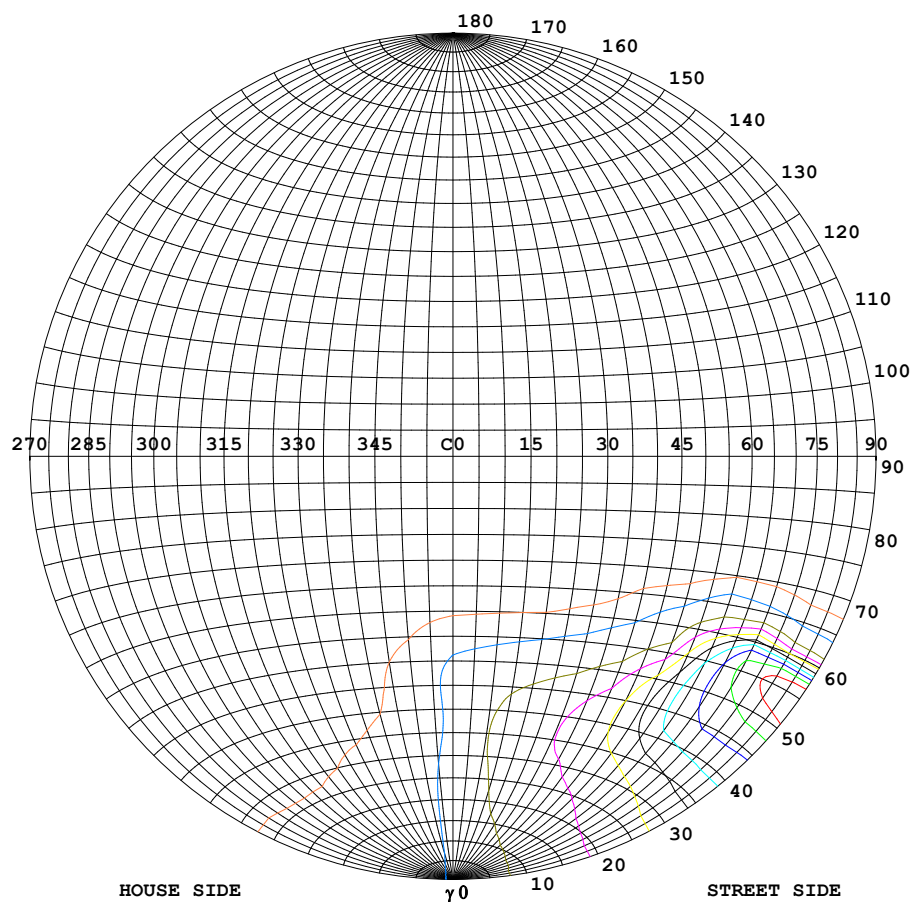
DATA OF LAMP		PHOTOMETRIC DATA Eff: 126.56 lm/W			
MODEL	/	I _{max} (cd)	331726	η street_up (%)	0.0
NOMINAL POWER (W)	/	LOR (%)	100.0	η street_down (%)	87.1
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	227801	η house_up (%)	0.0
NOMINAL FLUX (lm)	227801	MAXIMUM @ (C, γ)	90,54.5	η house_down (%)	12.9
LAMPS INSIDE	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



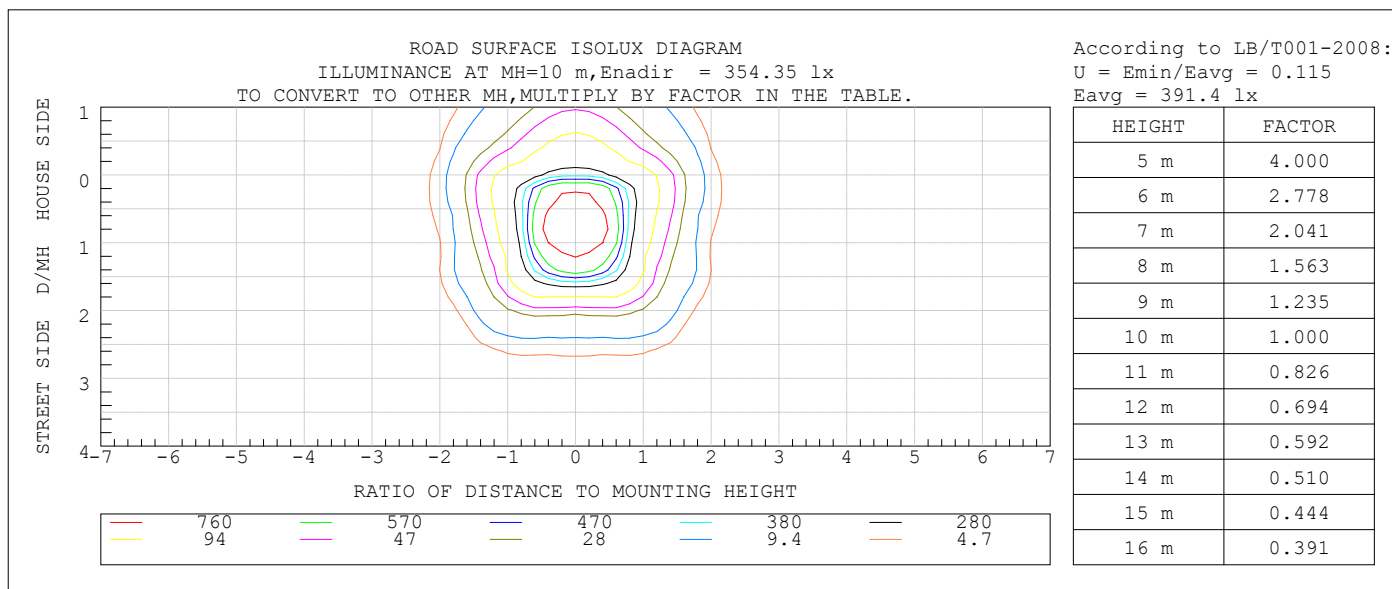
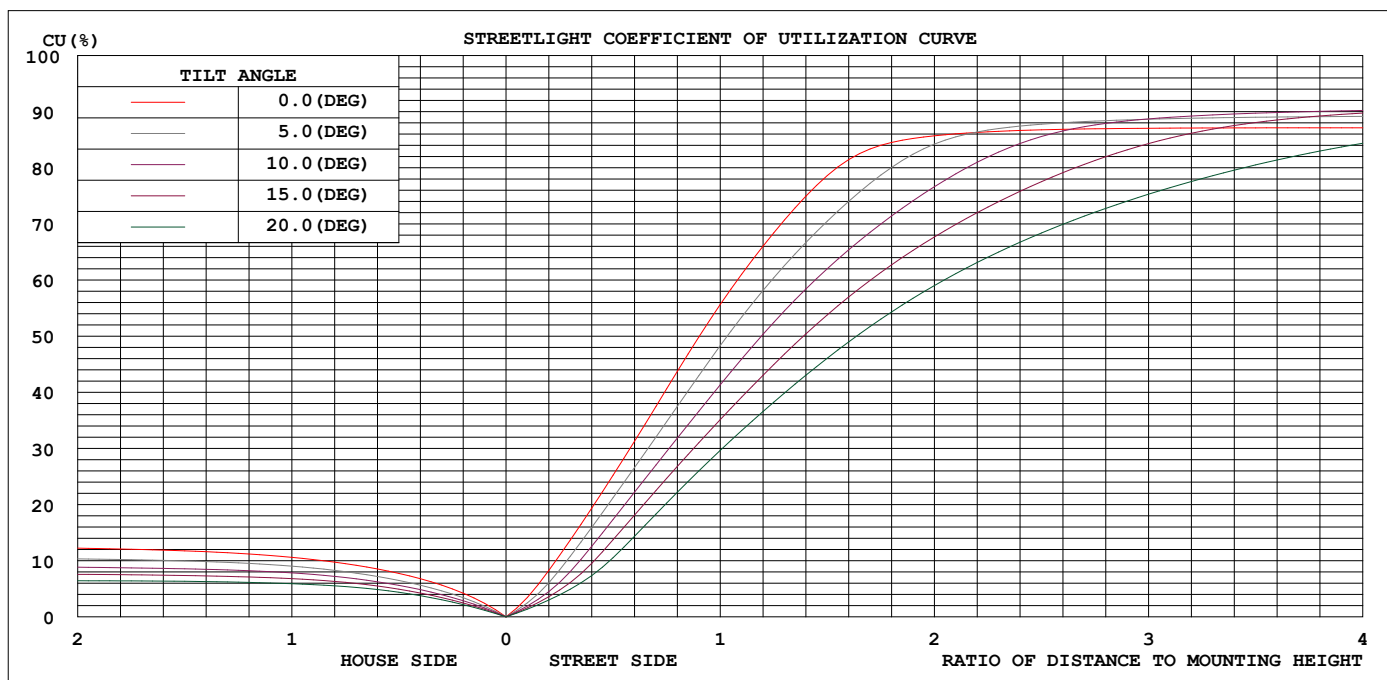
Classification:

IES:Type II - Very Short
CIE:Broad - Short
IES:Full cut-off
CIE:Full cut-off
Max.At80:7.584cd/klm
Max.At90:0cd/klm
Max.80-90:7.584cd/klm
NRB 5101:Limited[1.5%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	331726
90%	298554
80%	265381
70%	232208
60%	199036
50%	165863
40%	132691
30%	99518
20%	66345
10%	33173
5%	16586

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:

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

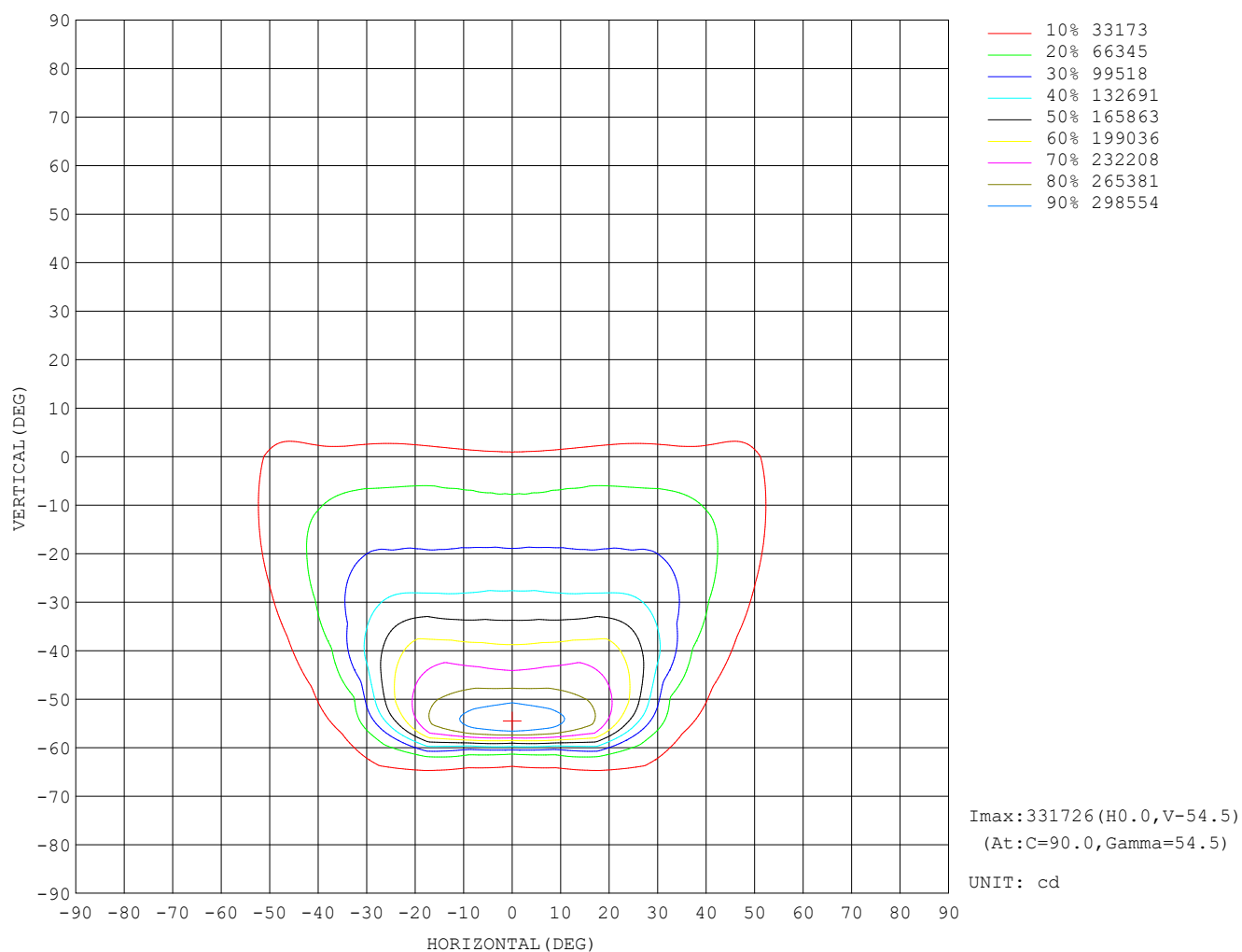
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	367.2	658.3	728.9	658.3	367.2	256.6	238.8	256.6	0- 10	3850	3850	1.69,1.69
20	386.9	884.4	1030	884.4	386.9	208.4	185.8	208.4	10- 20	13992	17843	7.83,7.83
30	384.2	1078	1444	1078	384.2	161.1	159.2	161.1	20- 30	26775	44617	19.6,19.6
40	374.6	1350	2066	1350	374.6	127.6	133.1	127.6	30- 40	43672	88289	38.8,38.8
50	350.5	1098	2902	1098	350.5	97.92	100.6	97.92	40- 50	61072	149361	65.6,65.6
60	138.3	400.6	1218	400.6	138.3	63.84	63.60	63.84	50- 60	59648	209009	91.8,91.8
70	39.74	73.54	92.77	73.54	39.74	26.08	51.42	26.08	60- 70	15922	224931	98.7,98.7
80	10.81	2.127	0.8215	2.127	10.81	6.850	13.24	6.850	70- 80	2600	227531	99.9,99.9
90	0	0	0	0	0	0	0	0	80- 90	269.5	227801	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:

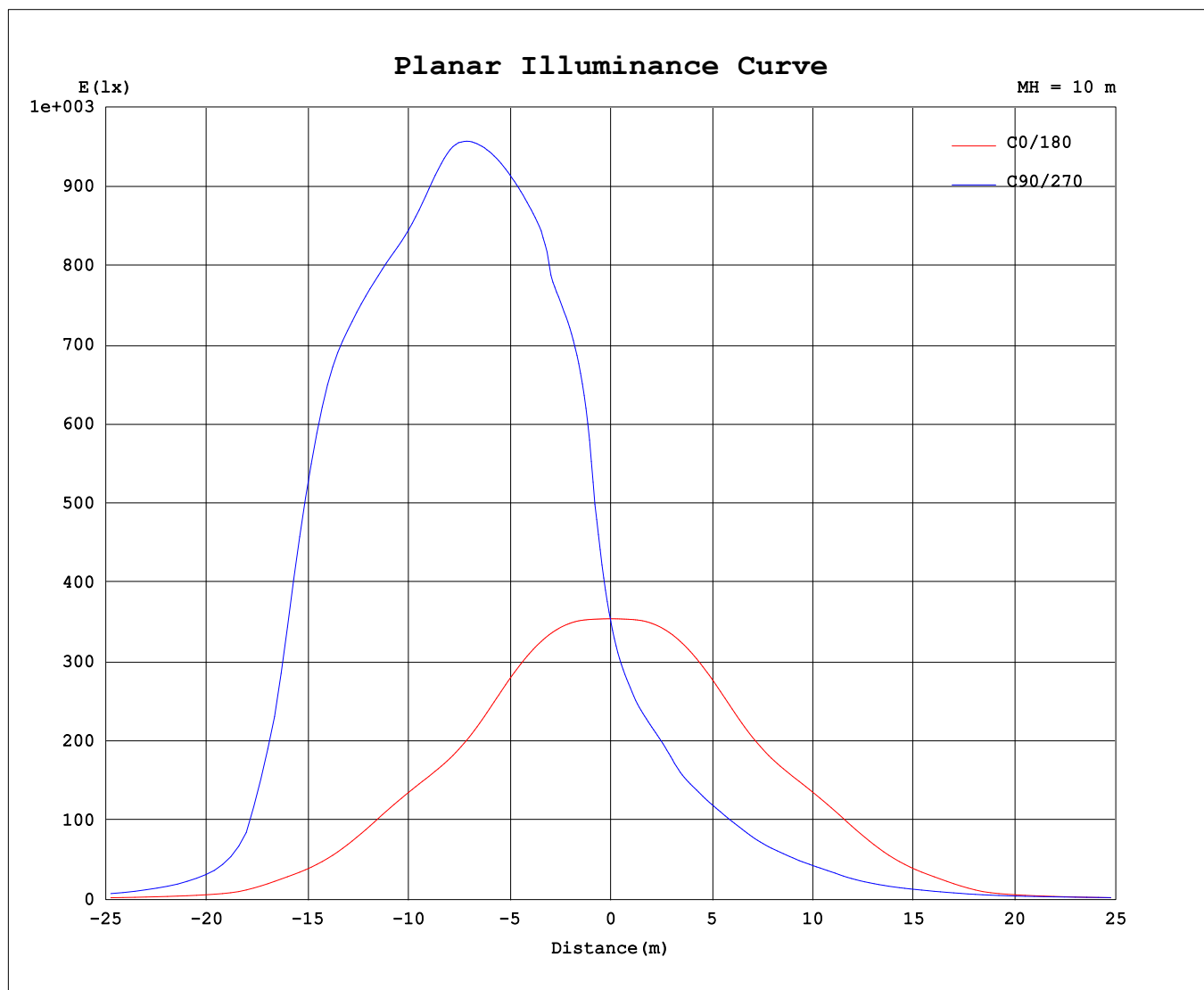
ISOCANDELA DIAGRAM



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

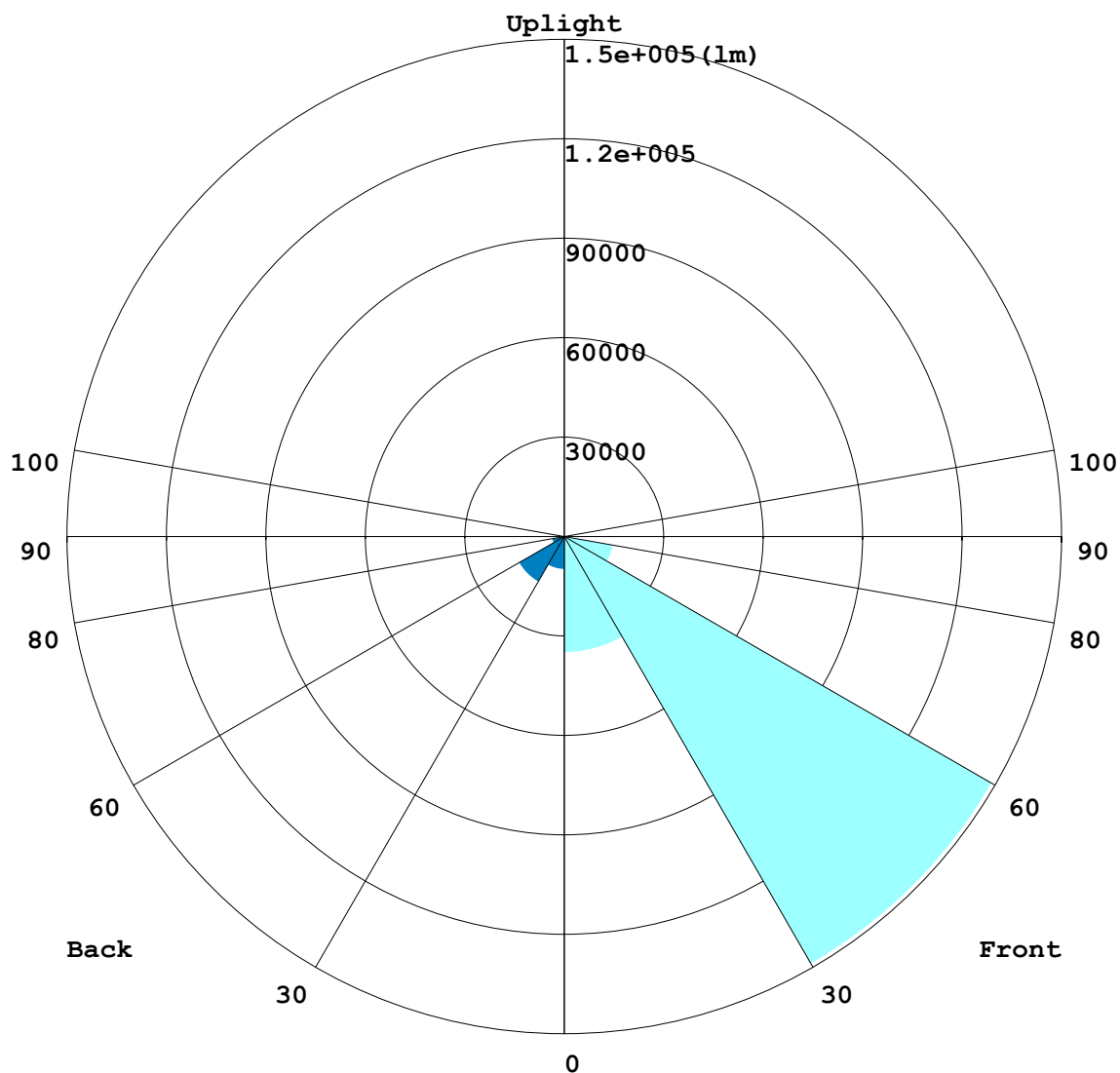
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity: 65.0%
Test Distance: 26.000m [K=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:230.0V I:7.842A P:1800.0W PF:0.998 Freq:580.0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:227801x1 lm		
NAME: SP04-1K8-5770-F04013-L39	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:2023-04-25

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:7.842A P:1800.0W PF:0.998 Freq:580.0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:227801x1 lm		
NAME: SP04-1K8-5770-F04013-L39	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	34855	15.3
FM - Front-Medium(30-60)	1.4872e+005	65.3
FH - Front-High(60-80)	14857	6.5
FVH - Front-Very High(80-90)	81.852	0.0
Total Forward Light	1.9852e+005	87.1

BL - Back-Low(0-30)	9762	4.3
BM - Back-Medium(30-60)	15670	6.9
BH - Back-High(60-80)	3665	1.6
BVH - Back-Very High(80-90)	187.68	0.1
Total Back Light	29285	12.9

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-G5
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	29285	0	29285
Street Side	1.9852e+005	0	1.9852e+005

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

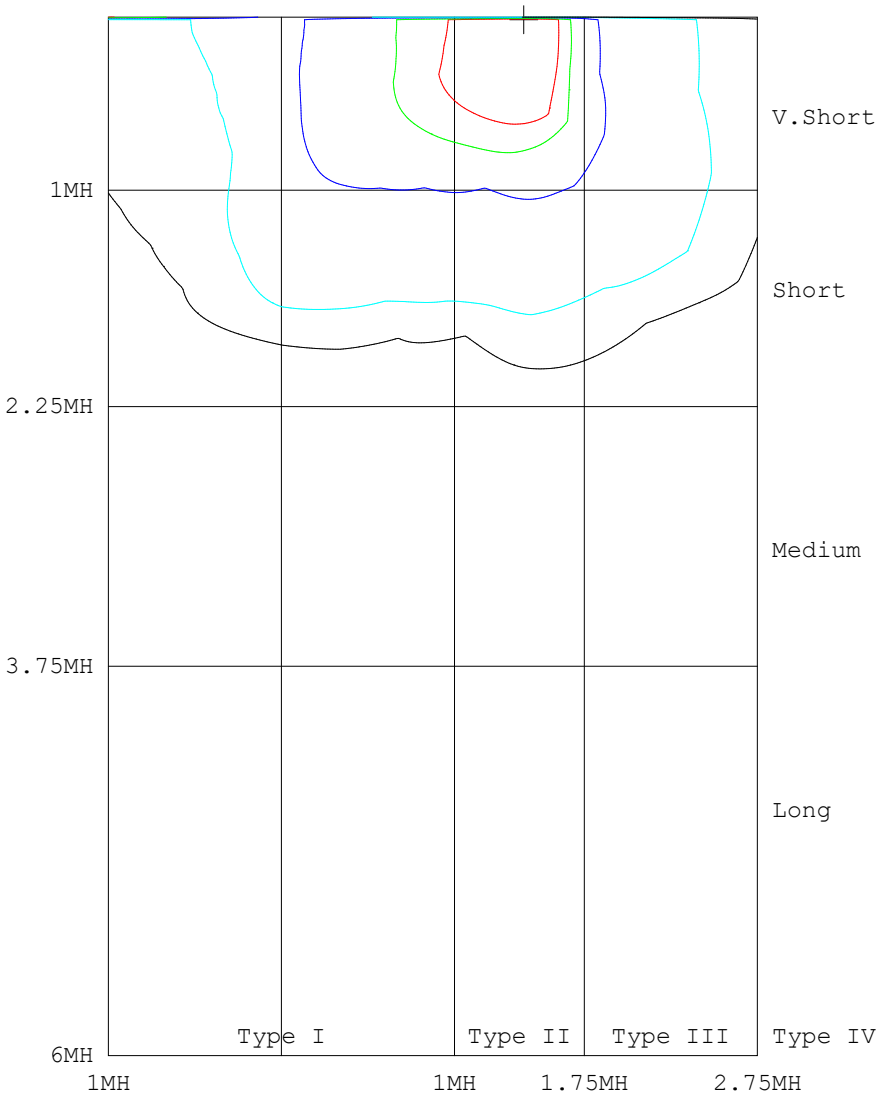
γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:230.0V I:7.842A P:1800.0W PF:0.998 Freq:580.0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:227801x1 lm		
NAME: SP04-1K8-5770-F04013-L39	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

Pavement: 70% 2.313e+00 Road: 30% 1.652e+00
γ Range: 66095 - 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: