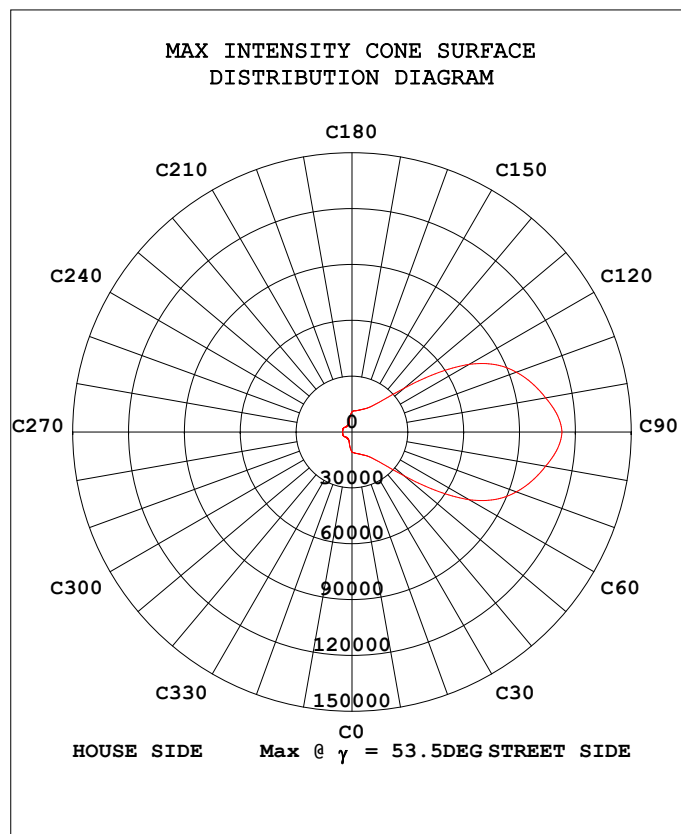
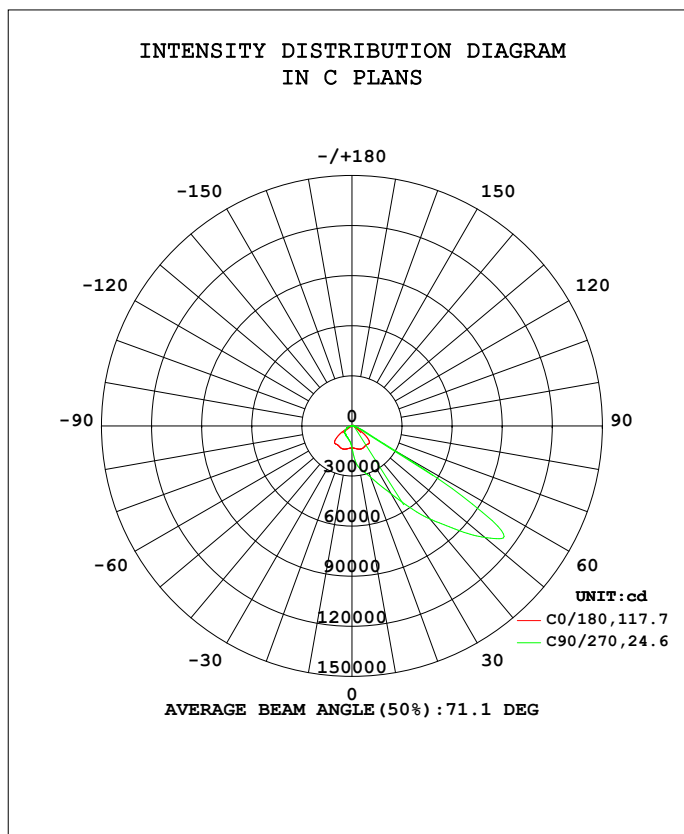


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

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:81361.3x1 lm		
NAME: SP04-600-5770-F04013	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

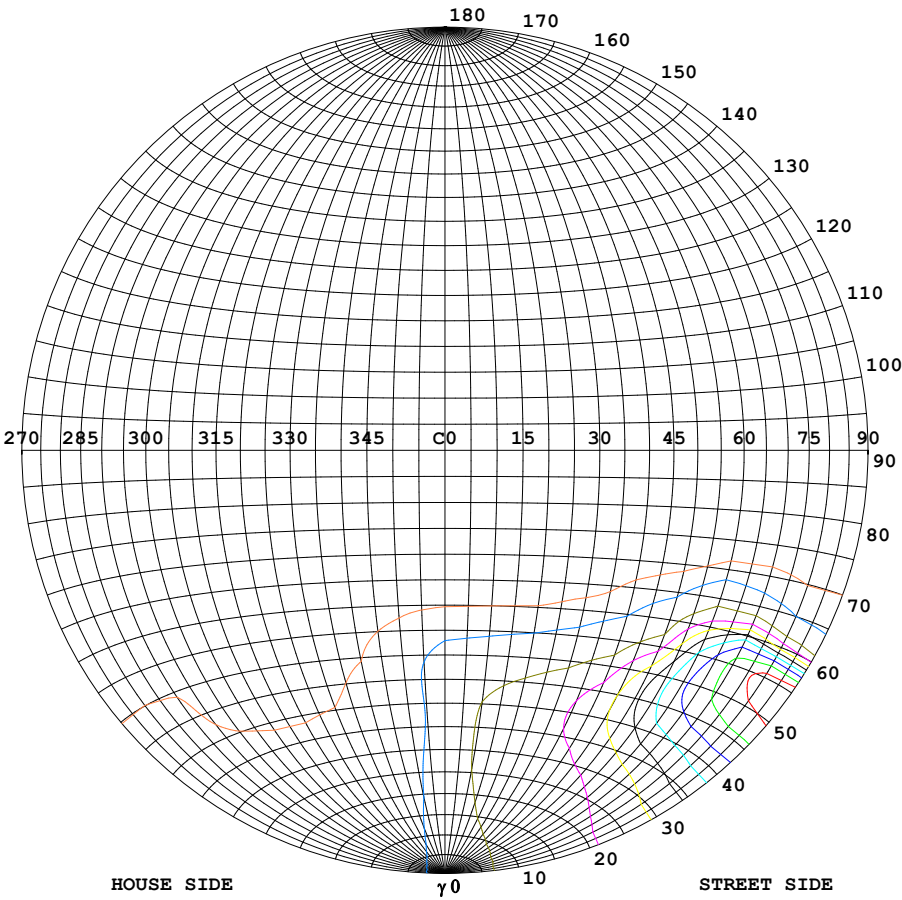
DATA OF LAMP		PHOTOMETRIC DATA Eff: 135.60 lm/W			
MODEL	/	I _{max} (cd)	112788	η street_up (%)	0.0
NOMINAL POWER (W)	/	LOR (%)	100.0	η street_down (%)	84.2
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	81361	η house_up (%)	0.0
NOMINAL FLUX (lm)	81361.3	MAXIMUM @ (C, γ)	90,53.5	η house_down (%)	15.8
LAMPS INSIDE	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℃
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

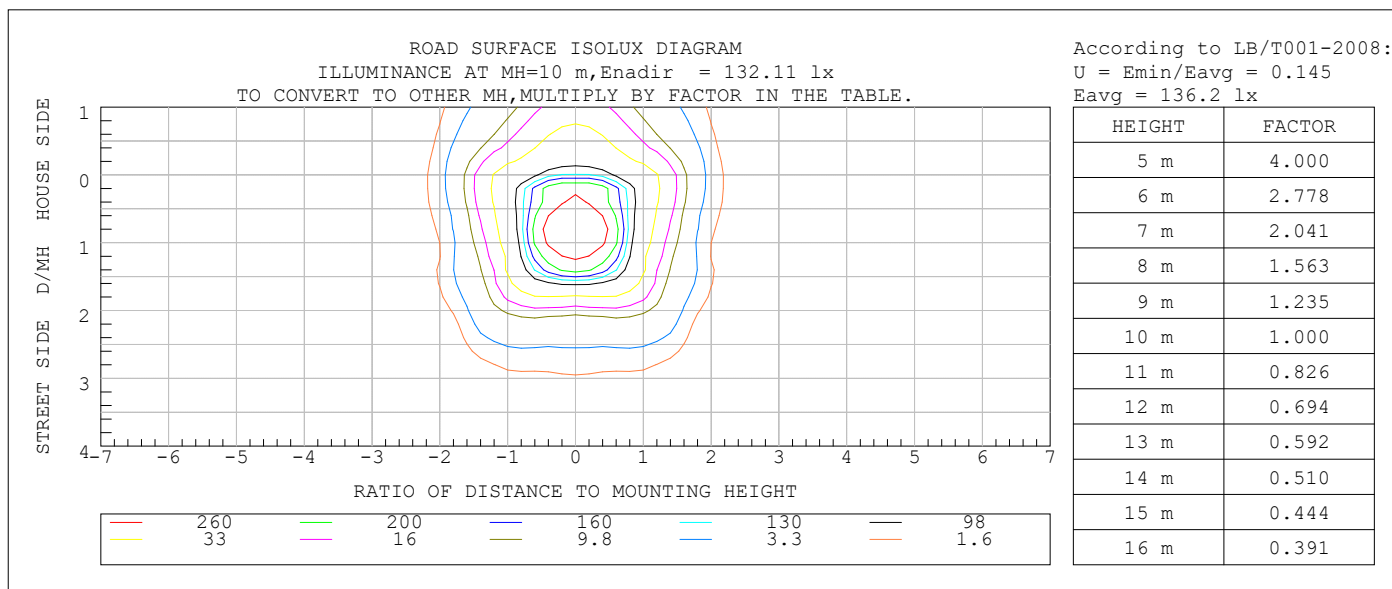
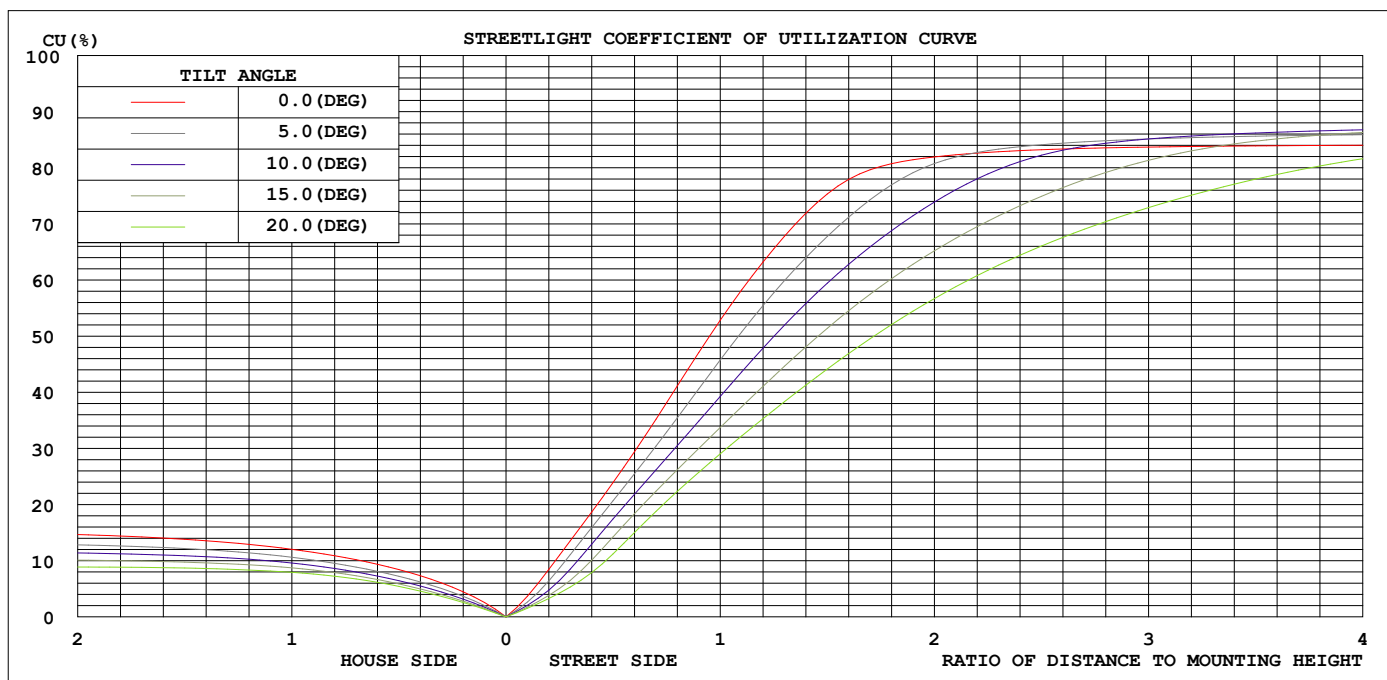


Classification:
IES:Type II - Very Short
CIE:Broad - Short
IES:Full cut-off
CIE:Full cut-off
Max.At80:16.53cd/klm
Max.At90:0cd/klm
Max.80-90:16.53cd/klm
NRB 5101:Limited[1.7%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	112788
90%	101509
80%	90230
70%	78952
60%	67673
50%	56394
40%	45115
30%	33836
20%	22558
10%	11279
5%	5639

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

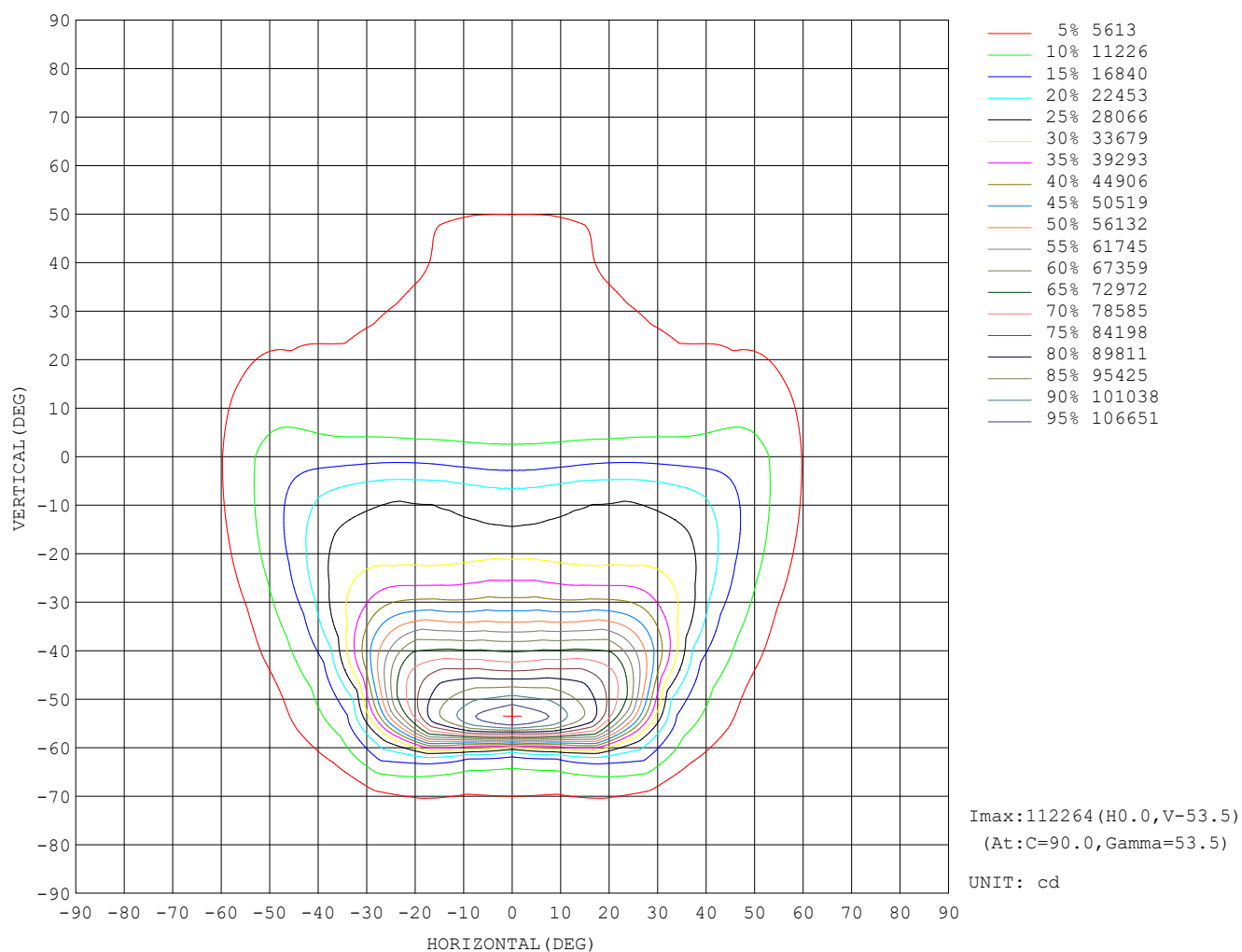
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	138.1	237.7	254.8	237.7	138.1	94.29	88.85	94.29	0- 10	1428	1428	1.76,1.76
20	147.6	293.1	326.5	293.1	147.6	79.16	75.02	79.16	10- 20	4941	6369	7.83,7.83
30	145.9	336.0	469.3	336.0	145.9	65.38	69.35	65.38	20- 30	9064	15433	19,19
40	144.1	440.1	727.7	440.1	144.1	54.86	62.69	54.86	30- 40	14883	30317	37.3,37.3
50	131.4	383.6	1039	383.6	131.4	45.79	56.20	45.79	40- 50	21818	52135	64.1,64.1
60	52.56	141.2	328.6	141.2	52.56	34.36	43.15	34.36	50- 60	21046	73181	89.9,89.9
70	15.03	31.93	56.46	31.93	15.03	16.11	32.29	16.11	60- 70	6316	79497	97.7,97.7
80	4.319	5.701	13.45	5.701	4.319	4.188	8.905	4.188	70- 80	1643	81140	99.7,99.7
90	0	0	0	0	0	0	0	0	80- 90	221.7	81361	100,100
100	0	0	0	0	0	0	0	0	90-100	0	81361	100,100
110	0	0	0	0	0	0	0	0	100-110	0	81361	100,100
120	0	0	0	0	0	0	0	0	110-120	0	81361	100,100
130	0	0	0	0	0	0	0	0	120-130	0	81361	100,100
140	0	0	0	0	0	0	0	0	130-140	0	81361	100,100
150	0	0	0	0	0	0	0	0	140-150	0	81361	100,100
160	0	0	0	0	0	0	0	0	150-160	0	81361	100,100
170	0	0	0	0	0	0	0	0	160-170	0	81361	100,100
180	0	0	0	0	0	0	0	0	170-180	0	81361	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:2023-03-03

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:

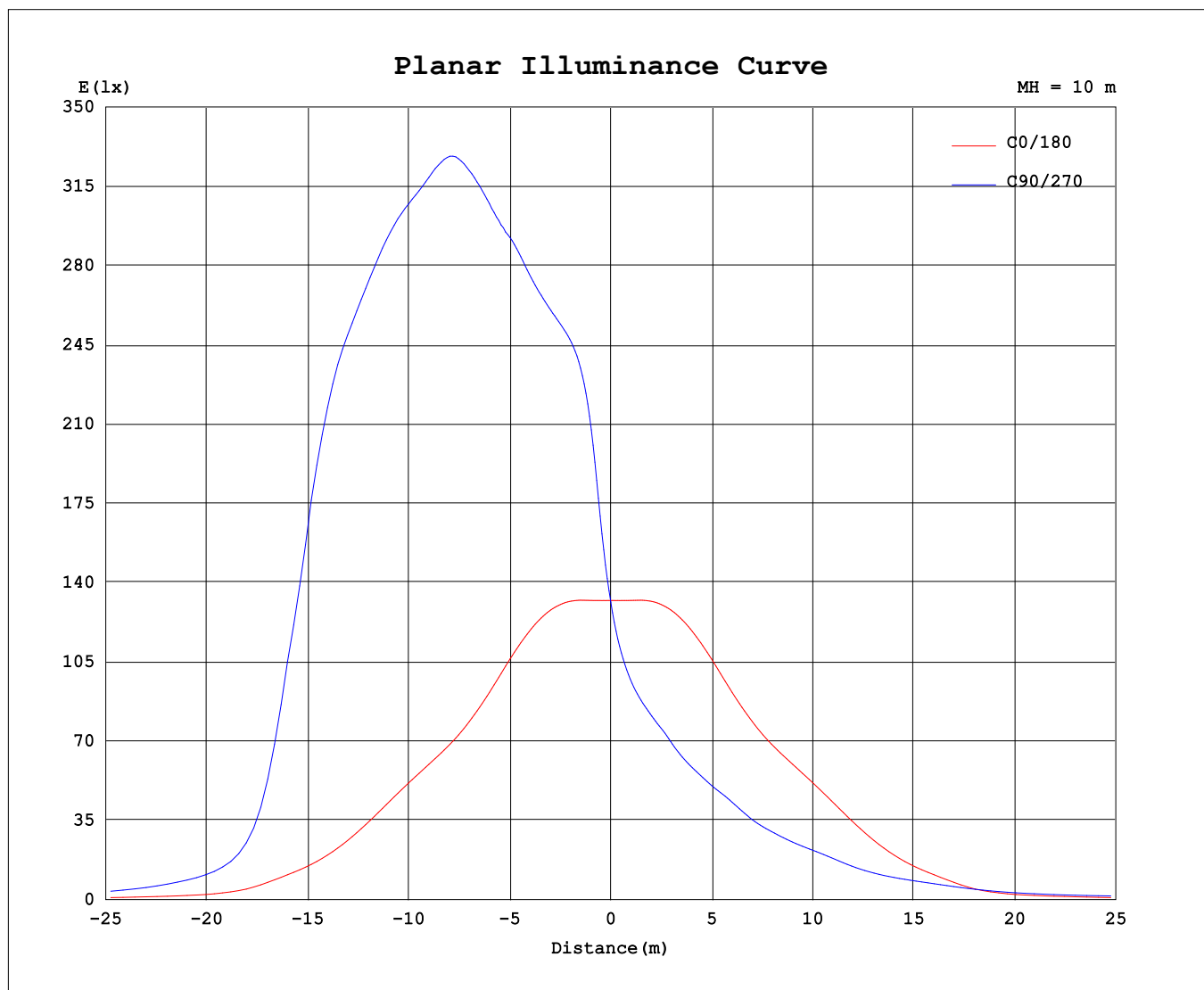
ISOCANDELA DIAGRAM



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

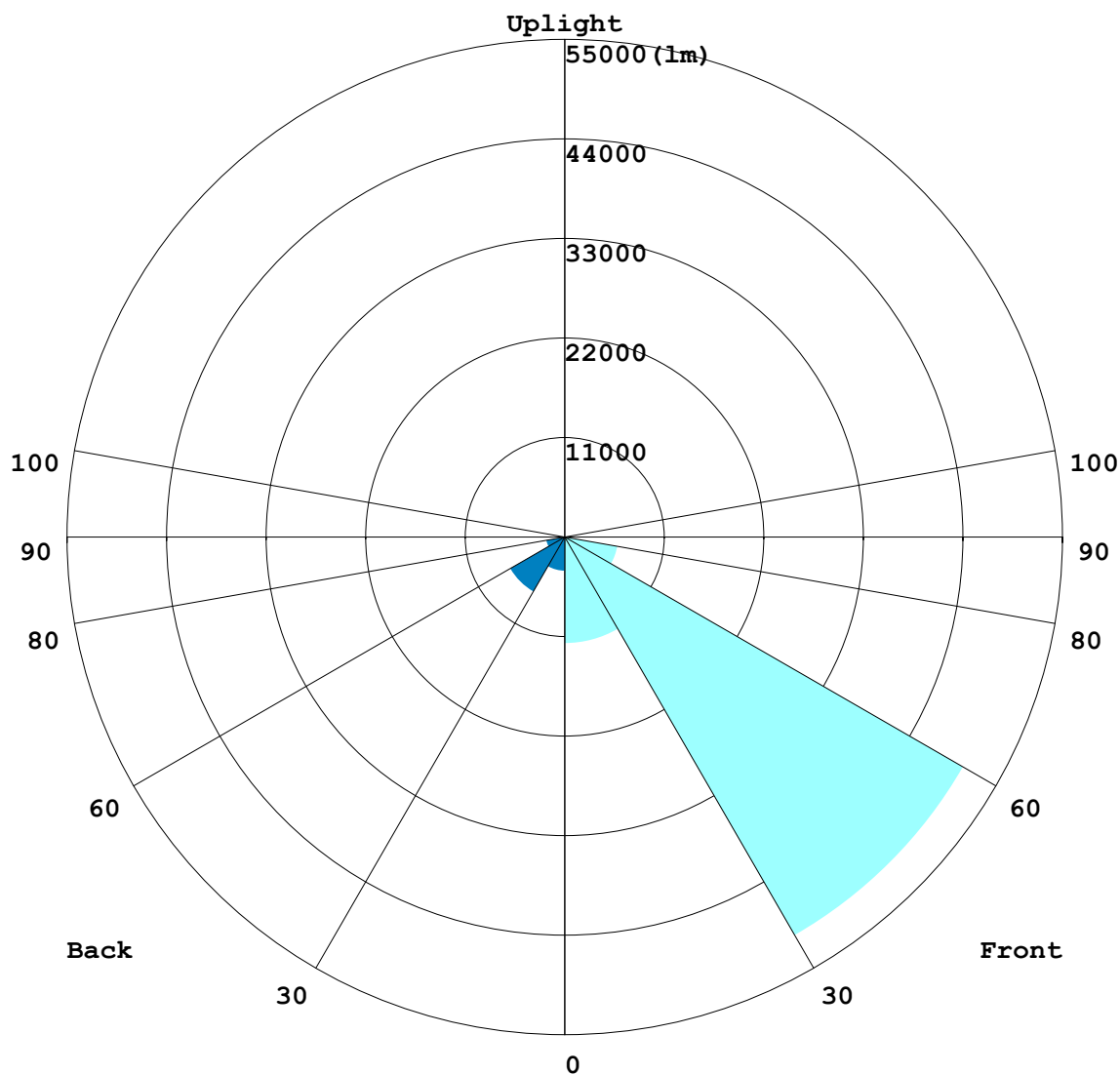
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity: 65.0%
Test Distance: 26.000m [K=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:230.0V I:2.665A P:600.0W PF:0.979 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:81361.3x1 lm		
NAME: SP04-600-5770-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:2.665A P:600.0W PF:0.979 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:81361.3x1 lm		
NAME: SP04-600-5770-F04013	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	11713	14.4
FM - Front-Medium(30-60)	50804	62.4
FH - Front-High(60-80)	5893.4	7.2
FVH - Front-Very High(80-90)	113.08	0.1
Total Forward Light	68524	84.2

BL - Back-Low(0-30)	3720	4.6
BM - Back-Medium(30-60)	6942.8	8.5
BH - Back-High(60-80)	2065.5	2.5
BVH - Back-Very High(80-90)	108.66	0.1
Total Back Light	12837	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	12837	0	12837
Street Side	68524	0	68524

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

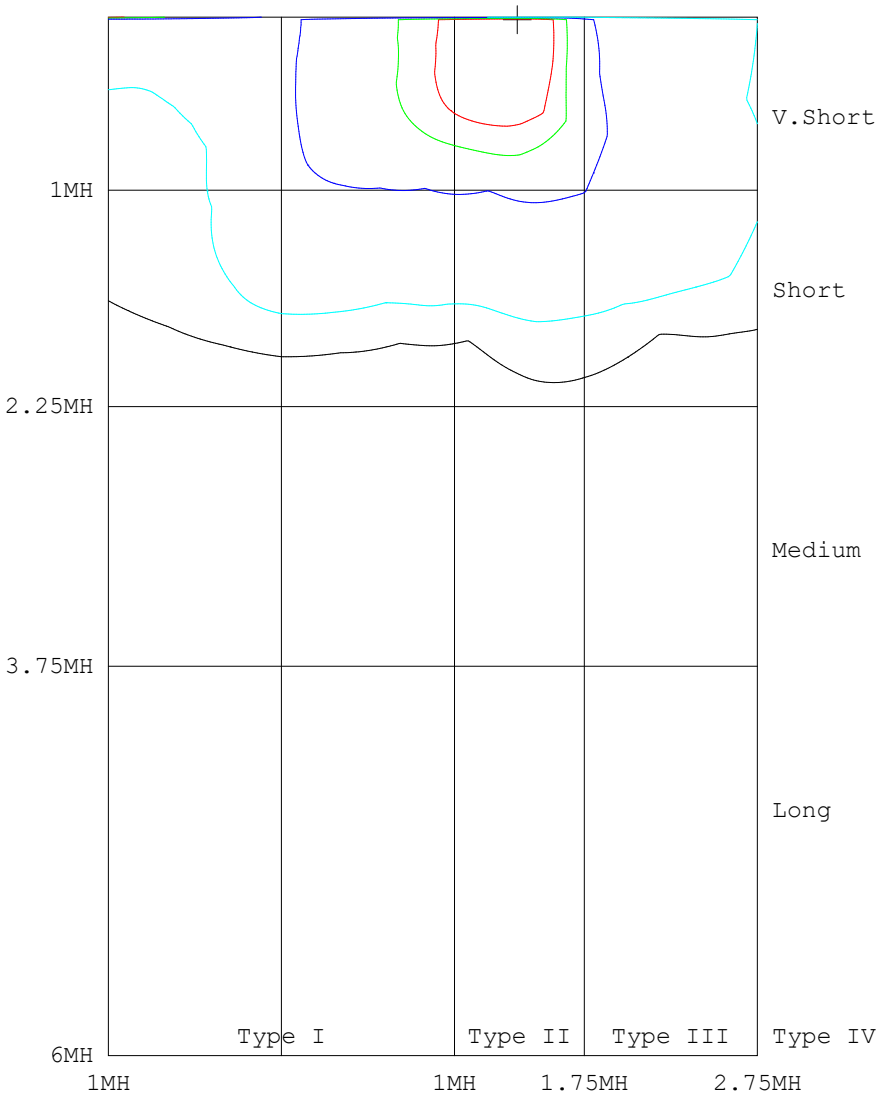
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:230.0V I:2.665A P:600.0W PF:0.979 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:81361.3x1 lm		
NAME: SP04-600-5770-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℃
Operators:LYJ
Test Date:2023-03-03

Pavement 70% 78352
Road 50% 56966
C Range: 22086 - 180DEG
C Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4556]
Remarks: