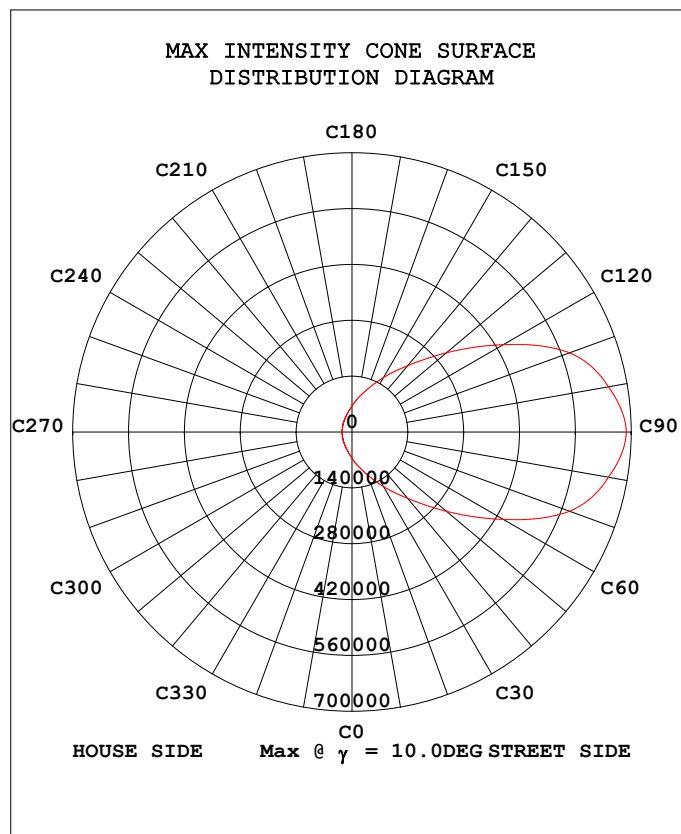
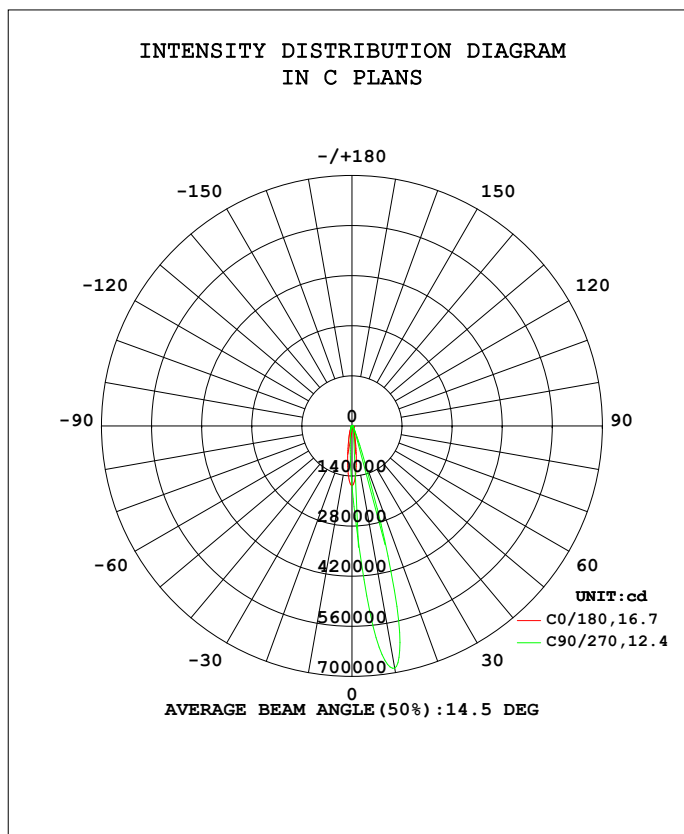


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

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:60558.3x1 lm		
NAME: SP04-480-5770-F04011XV+L130	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

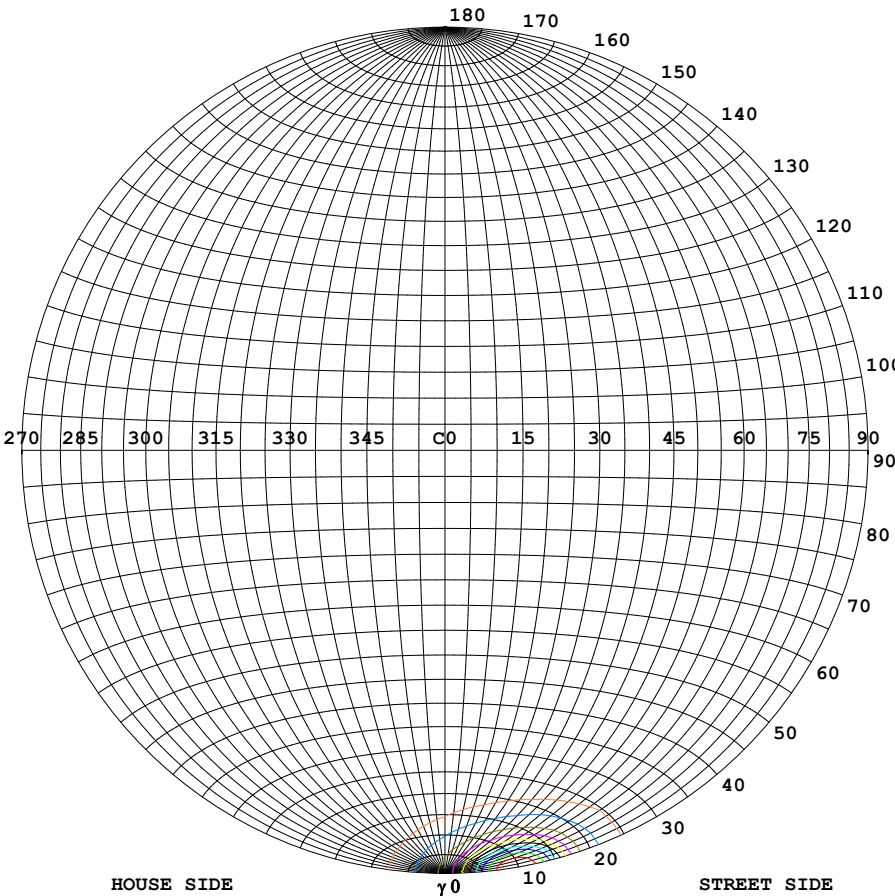
DATA OF LAMP		PHOTOMETRIC DATA Eff: 126.16 lm/W			
MODEL	/	I _{max} (cd)	687625	η street_up (%)	0.0
NOMINAL POWER (W)	/	LOR (%)	100.0	η street_down (%)	78.9
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	60558	η house_up (%)	0.0
NOMINAL FLUX (lm)	60558.3	MAXIMUM @ (C, γ)	90,10.0	η house_down (%)	21.1
LAMPS INSIDE	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:2023-02-28

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.At80:6.230cd/klm

Max. At90:0cd/klm

Max. 80-90: 6.230cd/klm

NRB 5101:Limited[1.0%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	687625
 90%	618862
 80%	550100
 70%	481337
 60%	412575
 50%	343812
 40%	275050
 30%	206287
 20%	137525
 10%	68762
 5%	34381

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

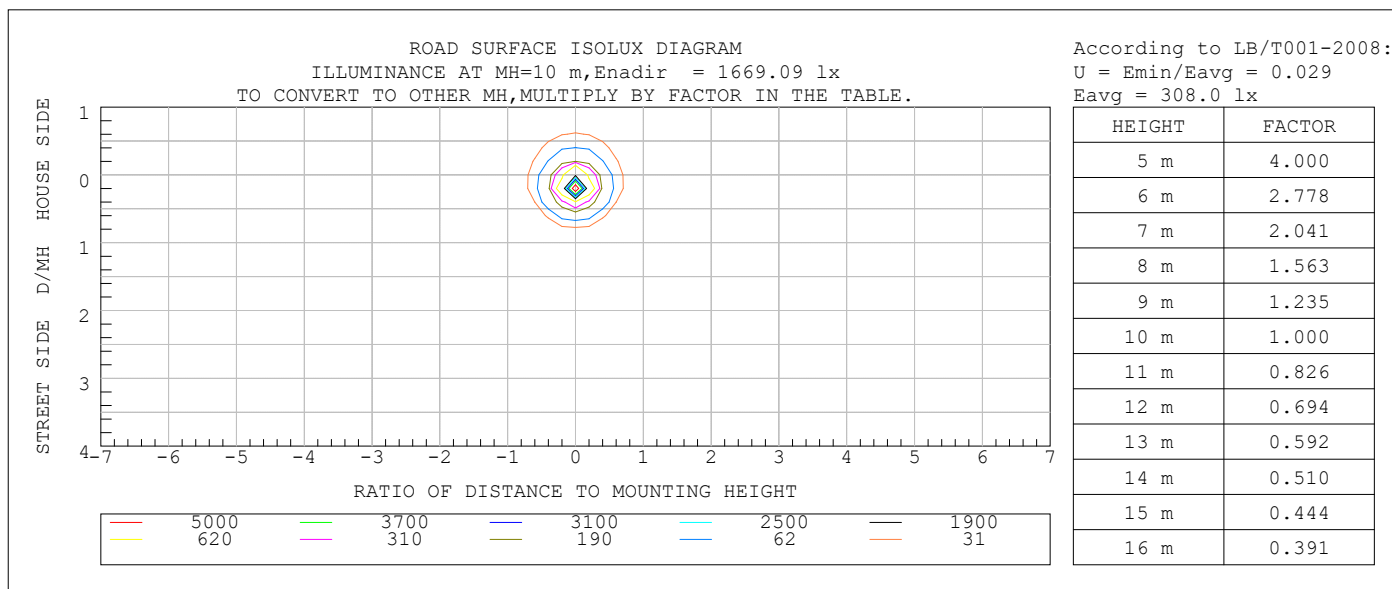
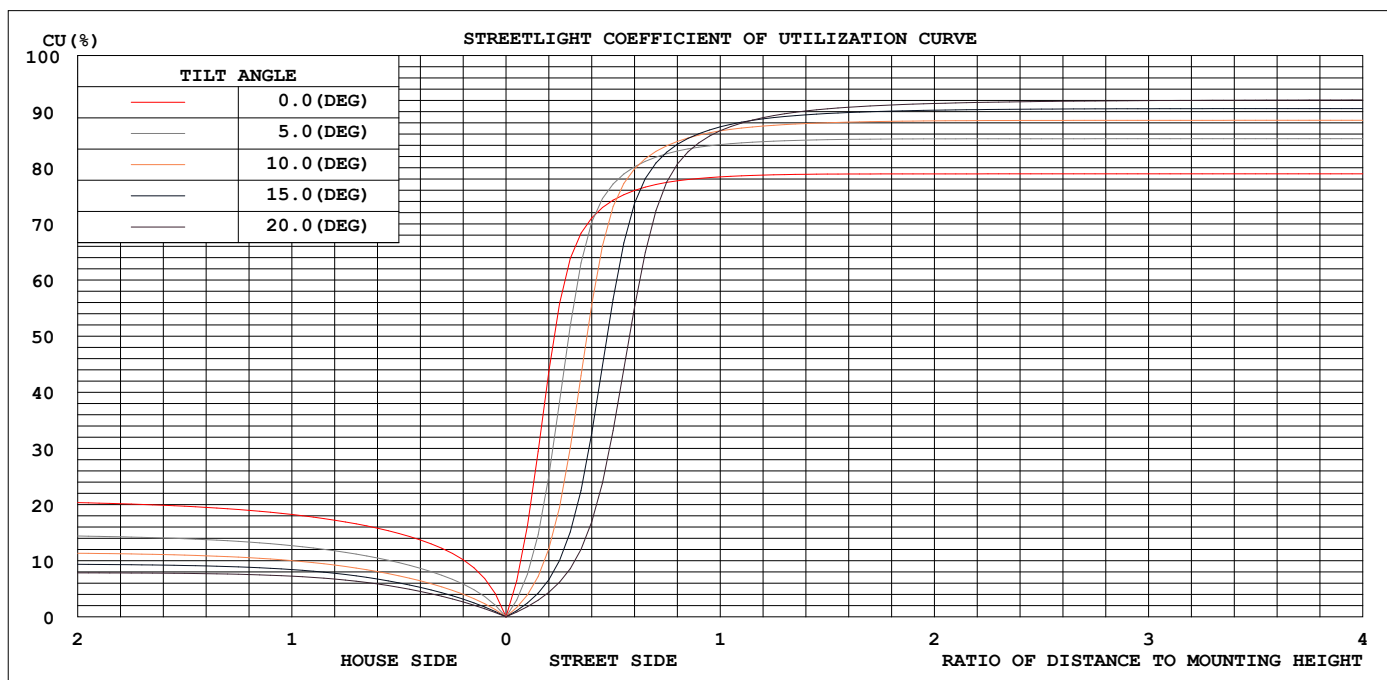
Interval: 0.5DEG

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: 2023-02-28

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

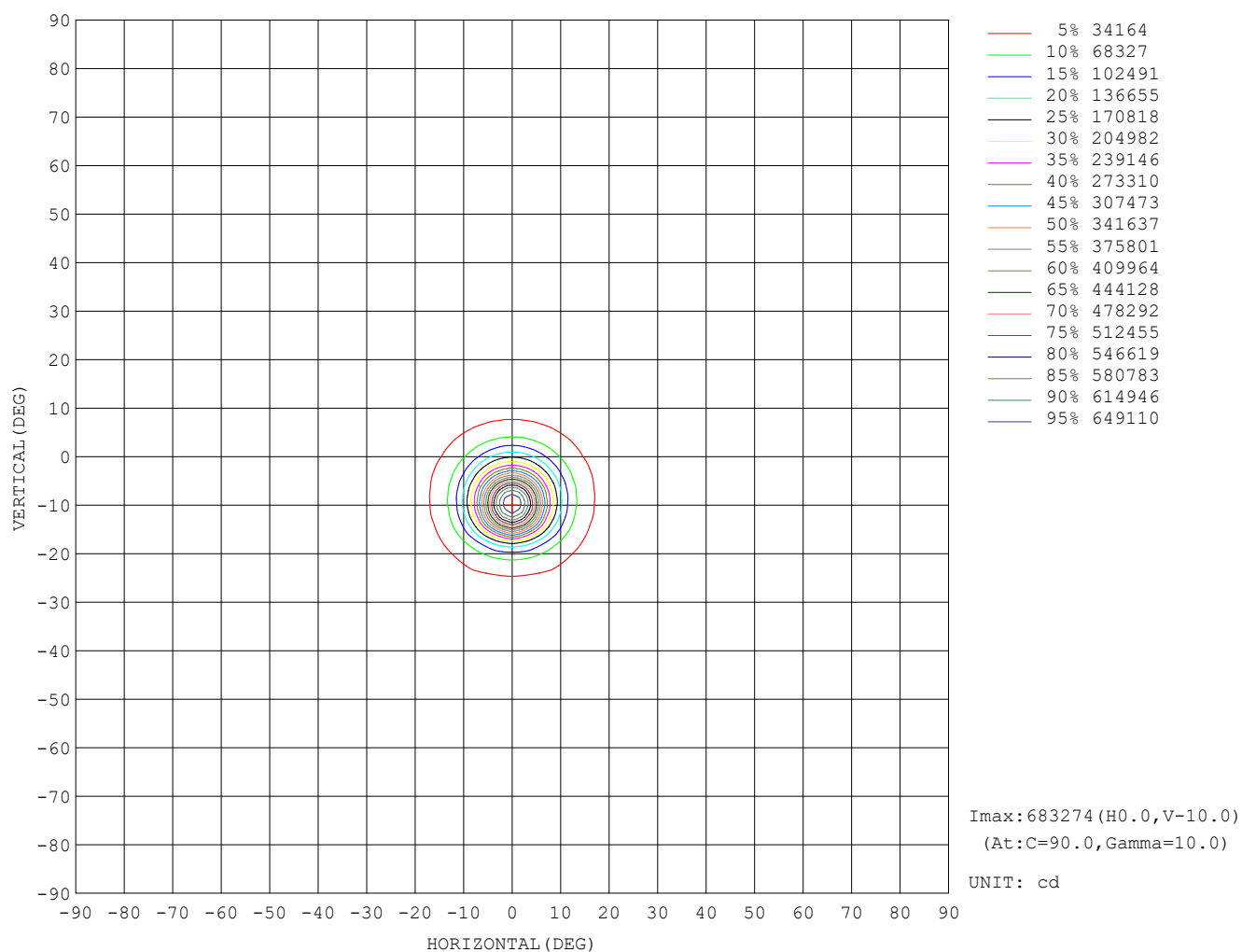
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	649.2	2631	6876	2631	649.2	309.6	245.4	309.6	0- 10	17980	17980	29.7,29.7
20	175.5	478.7	952.4	478.7	175.5	100.5	88.39	100.5	10- 20	25510	43490	71.8,71.8
30	68.40	128.1	153.2	128.1	68.40	55.42	53.68	55.42	20- 30	7424	50914	84.1,84.1
40	41.60	42.75	42.67	42.75	41.60	39.30	38.94	39.30	30- 40	3740	54653	90.2,90.2
50	29.57	19.29	11.32	19.29	29.57	31.35	31.10	31.35	40- 50	2499	57153	94.4,94.4
60	19.42	6.965	0.0695	6.965	19.42	23.67	21.33	23.67	50- 60	1802	58954	97.4,97.4
70	9.921	0.7501	0.0057	0.7501	9.921	12.76	11.60	12.76	60- 70	1083	60037	99.1,99.1
80	2.466	0.0785	0.0101	0.0785	2.466	3.517	3.115	3.517	70- 80	451.2	60488	99.9,99.9
90	0	0	0	0	0	0	0	0	80- 90	70.12	60558	100,100
100	0	0	0	0	0	0	0	0	90-100	0	60558	100,100
110	0	0	0	0	0	0	0	0	100-110	0	60558	100,100
120	0	0	0	0	0	0	0	0	110-120	0	60558	100,100
130	0	0	0	0	0	0	0	0	120-130	0	60558	100,100
140	0	0	0	0	0	0	0	0	130-140	0	60558	100,100
150	0	0	0	0	0	0	0	0	140-150	0	60558	100,100
160	0	0	0	0	0	0	0	0	150-160	0	60558	100,100
170	0	0	0	0	0	0	0	0	160-170	0	60558	100,100
180	0	0	0	0	0	0	0	0	170-180	0	60558	100,100
DEG	LUMINOUS INTENSITY:X100cd									UNIT:lm		

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:

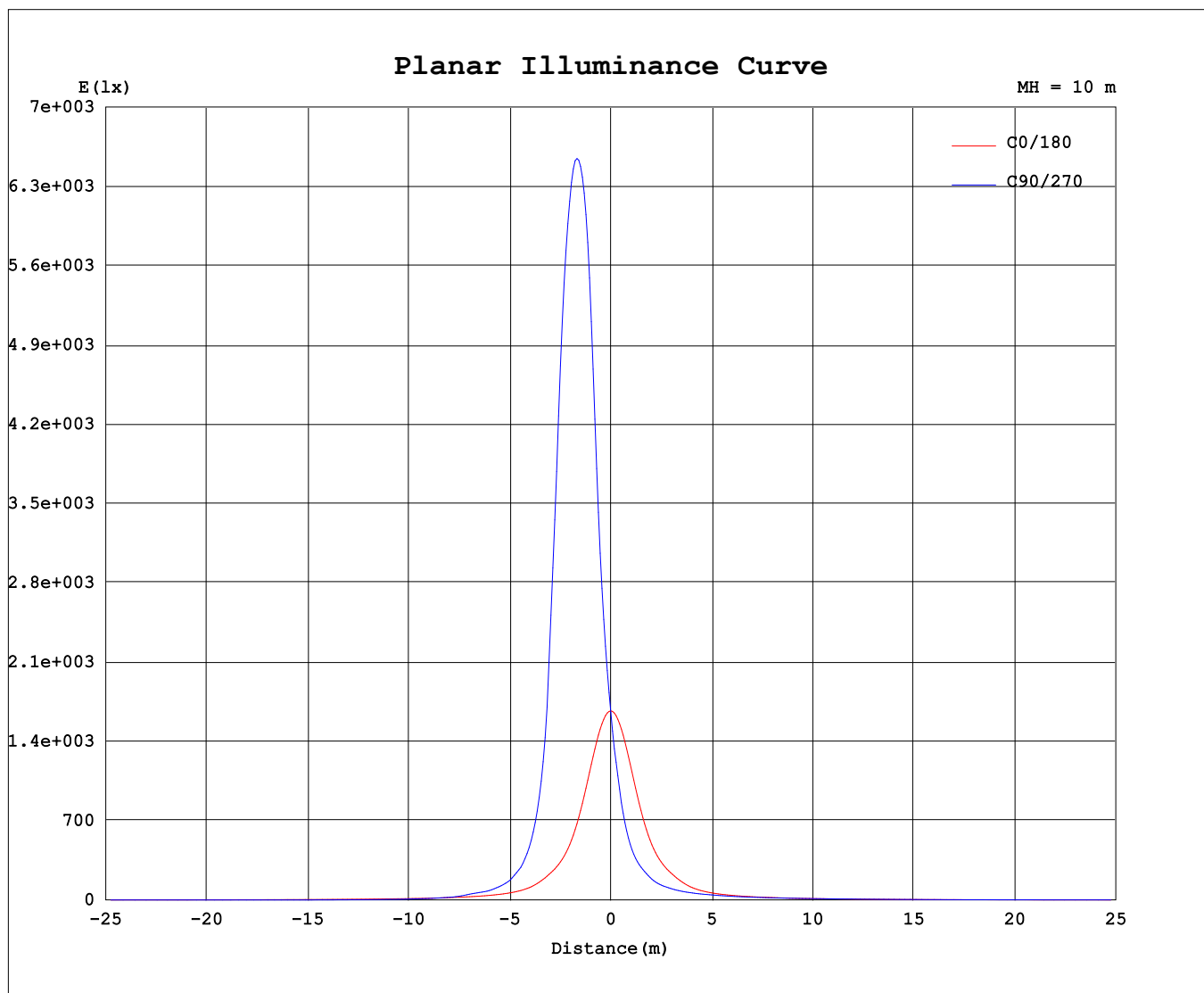
ISOCANDELA DIAGRAM



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

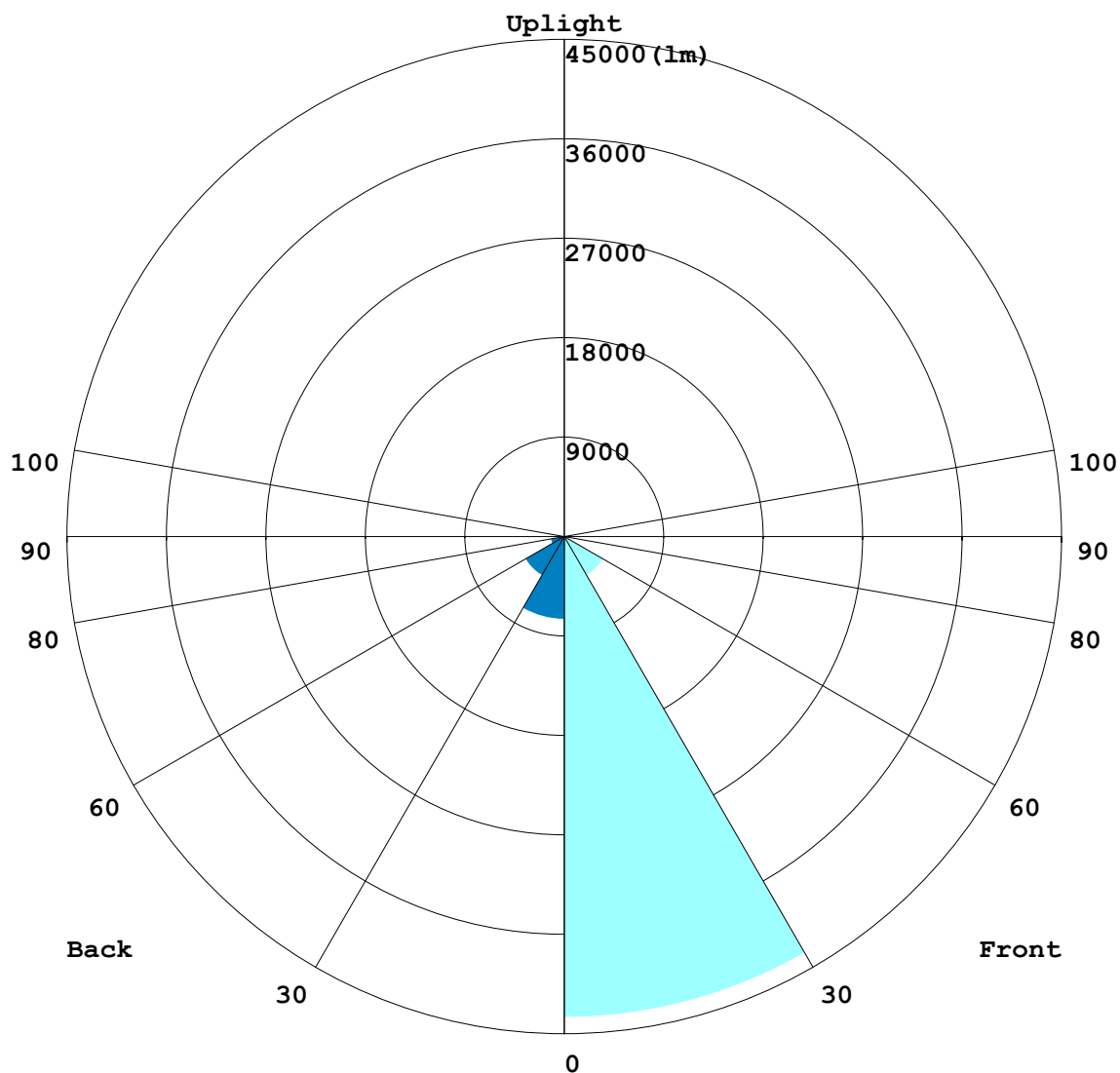
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity: 65.0%
Test Distance: 26.000m [K=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:230.0V I:2.140A P:480.0W PF:0.975 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:60558.3x1 lm		
NAME: SP04-480-5770-F04011XV+L130	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:2.140A P:480.0W PF:0.975 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:60558.3x1 lm		
NAME: SP04-480-5770-F04011XV+L130	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	43463	71.8
FM - Front-Medium(30-60)	4017.9	6.6
FH - Front-High(60-80)	311.27	0.5
FVH - Front-Very High(80-90)	7.2447	0.0
Total Forward Light	47800	78.9

BL - Back-Low(0-30)	7450.4	12.3
BM - Back-Medium(30-60)	4022.9	6.6
BH - Back-High(60-80)	1222.5	2.0
BVH - Back-Very High(80-90)	62.878	0.1
Total Back Light	12759	21.1

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
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	12759	0	12759
Street Side	47800	0	47800

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

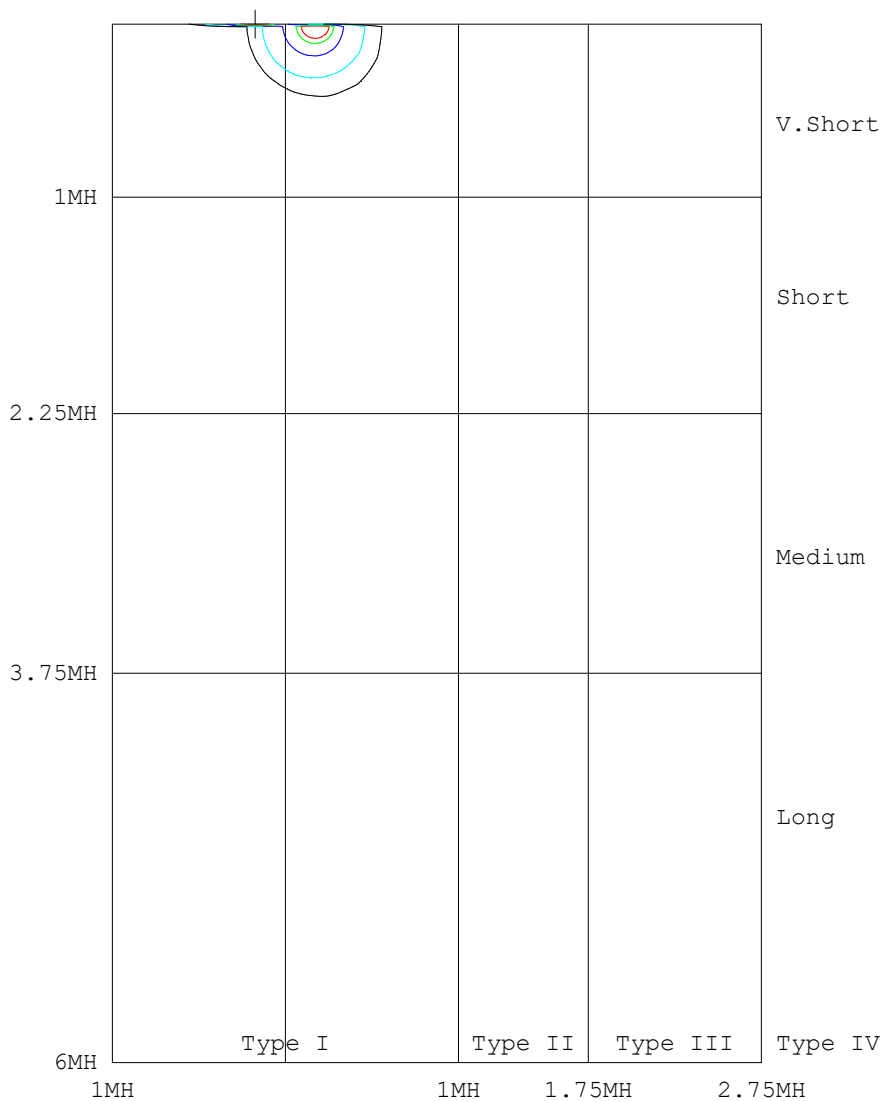
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
 Humidity:65.0%
 Test Distance:26.000m [K=0.4556]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:230.0V I:2.140A P:480.0W PF:0.975 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:60558.3x1 lm		
NAME: SP04-480-5770-F04011XV+L130	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:2023-02-28

Pavement: 70% 4.783e+005 Road: 50% 3.417e+005
γ Range: 360e+0180DEG
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: