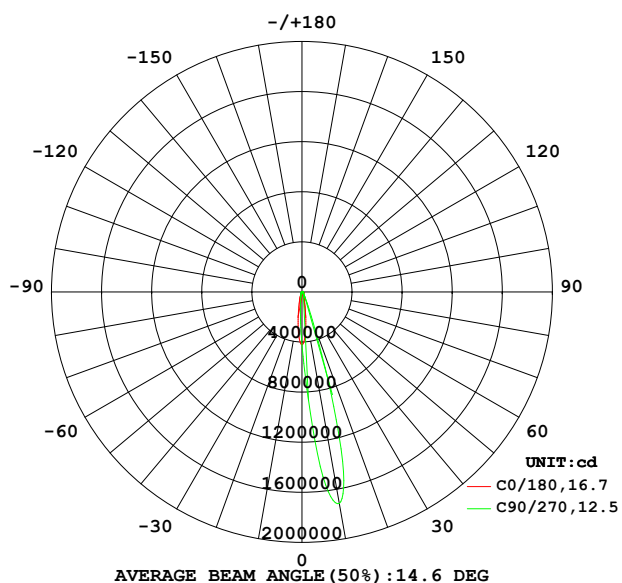
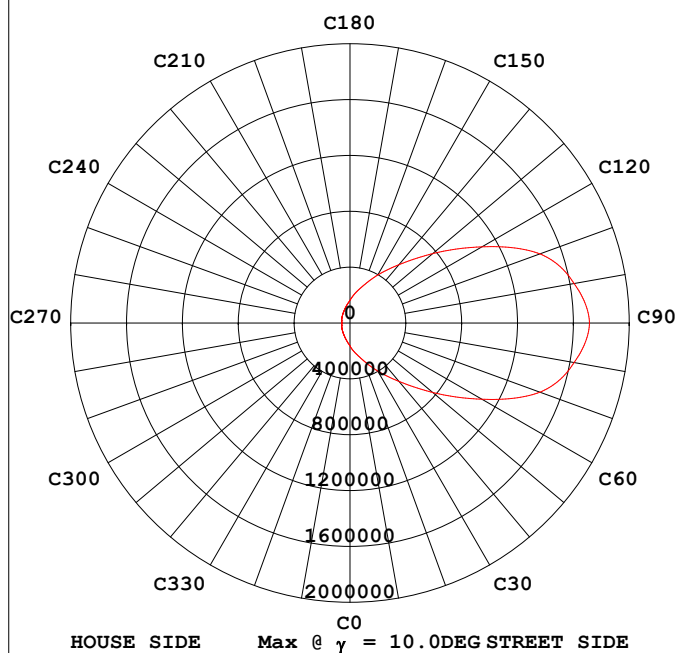


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.0V I:5.324A P:1200.0W PF:0.980 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:158513x1 lm		
NAME: SP04-1K2-5770-F04002X	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

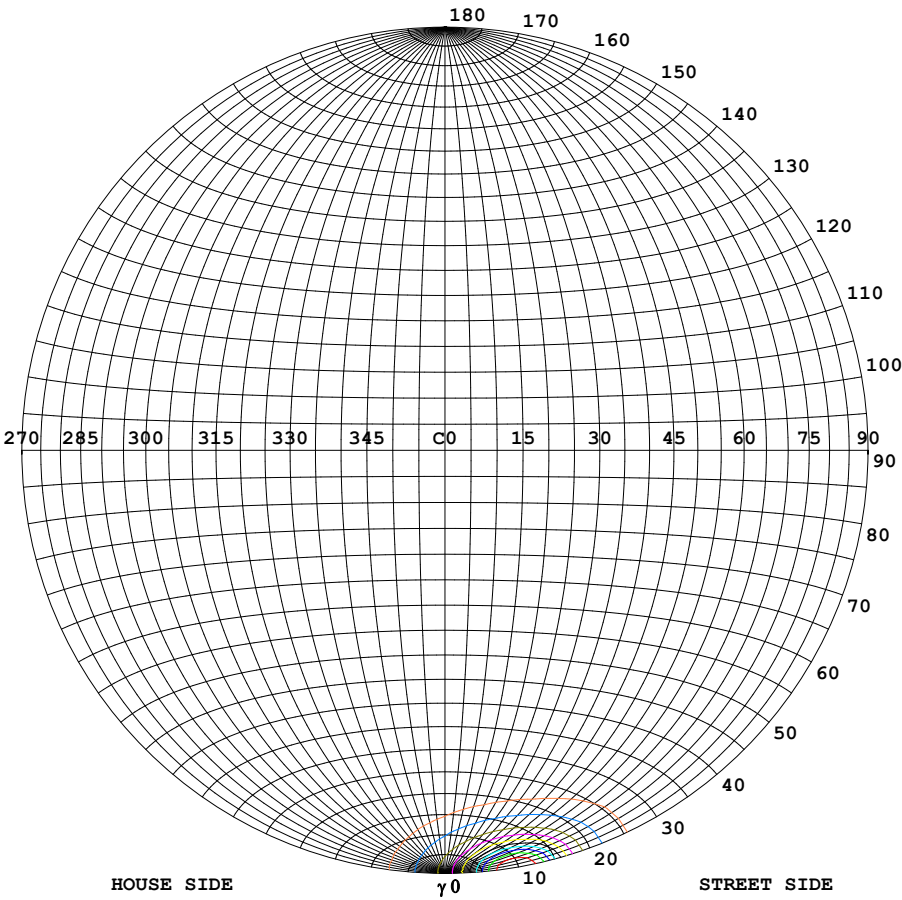
DATA OF LAMP		PHOTOMETRIC DATA Eff: 132.09 lm/W			
MODEL	/	I _{max} (cd)	1715273	η _{street_up} (%)	0.0
NOMINAL POWER(W)	/	LOR(%)	100.0	η _{street_down} (%)	80.1
RATED VOLTAGE(V)	/	TOTAL FLUX(lm)	158513	η _{house_up} (%)	0.0
NOMINAL FLUX(lm)	158513	MAXIMUM @ (C,γ)	90,10.0	η _{house_down} (%)	19.9
LAMPS INSIDE	1	η _{up} (%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	/	η _{down} (%)	100.0	SLI	

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX 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



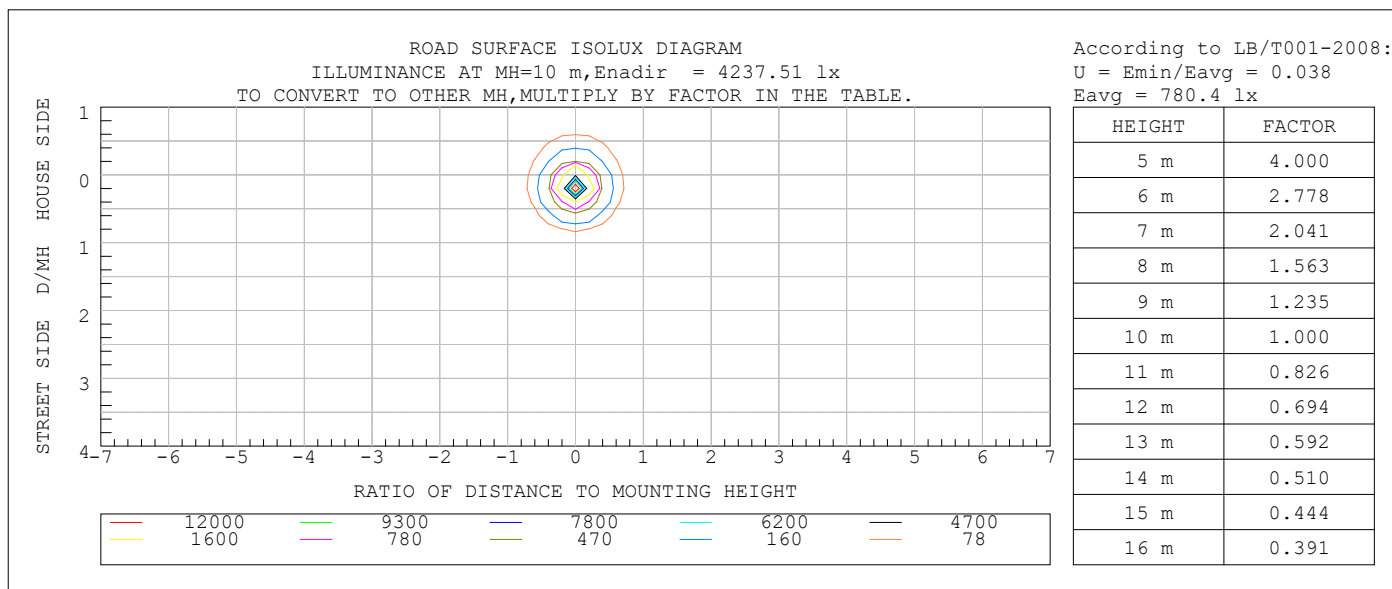
Classification:

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%	1715273
90%	1543746
80%	1372218
70%	1200691
60%	1029164
50%	857637
40%	686109
30%	514582
20%	343055
10%	171527
5%	85764

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:

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

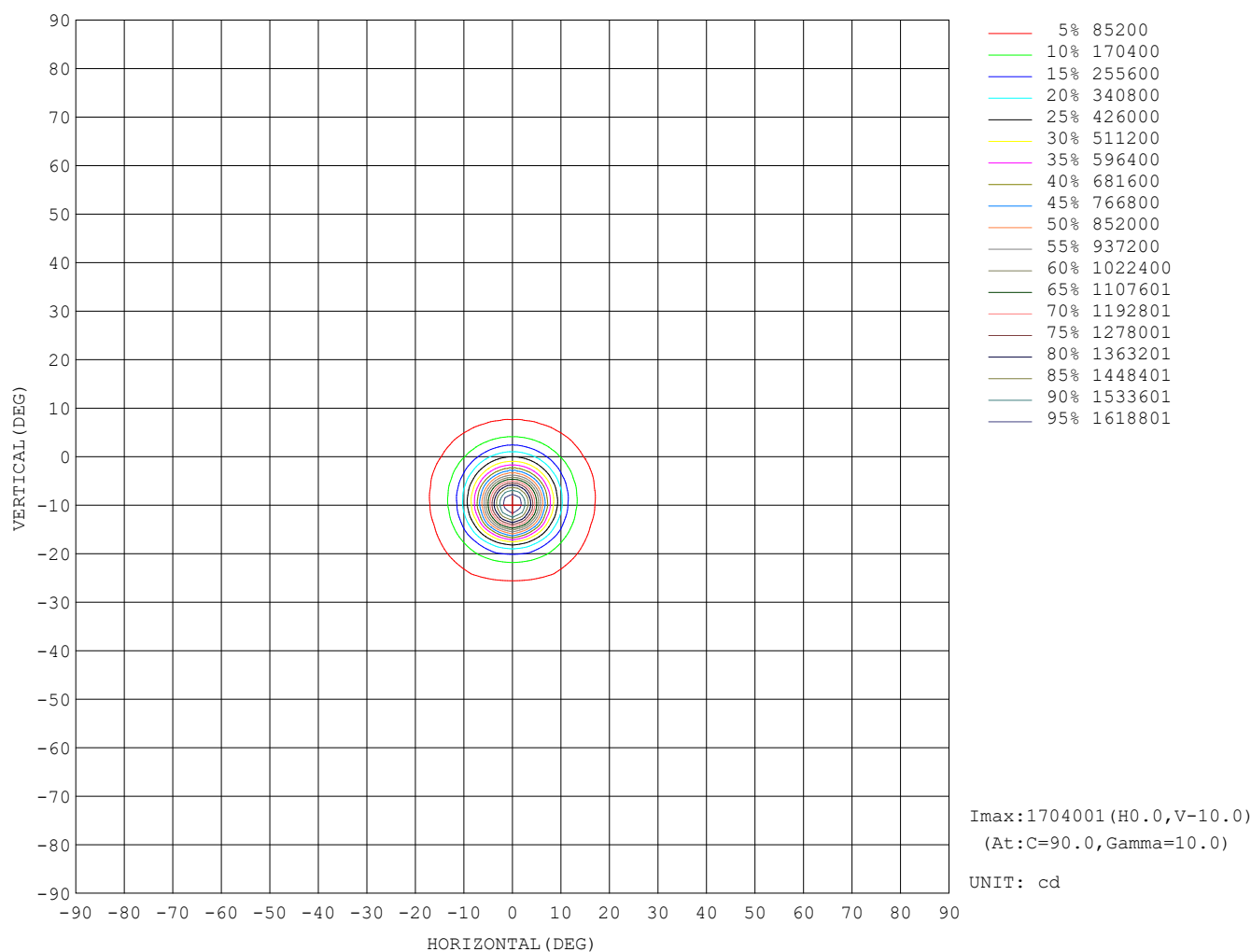
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	163.3	659.2	1715	659.2	163.3	77.10	60.26	77.10	0- 10	45080	45080	28.4,28.4
20	43.22	121.1	266.7	121.1	43.22	24.55	20.90	24.55	10- 20	64127	109207	68.9,68.9
30	16.87	36.37	47.16	36.37	16.87	13.44	12.53	13.44	20- 30	19792	128999	81.4,81.4
40	10.43	13.96	16.13	13.96	10.43	9.536	9.151	9.536	30- 40	10420	139419	88,88
50	7.628	8.062	7.536	8.062	7.628	7.639	7.412	7.639	40- 50	7306	146725	92.6,92.6
60	5.241	5.102	3.943	5.102	5.241	5.819	5.246	5.819	50- 60	5797	152522	96.2,96.2
70	2.882	2.436	1.950	2.436	2.882	3.235	2.945	3.235	60- 70	3912	156434	98.7,98.7
80	0.8353	0.6192	0.9210	0.6192	0.8353	0.9289	0.8645	0.9289	70- 80	1796	158230	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	282.7	158513	100,100
100	0	0	0	0	0	0	0	0	90-100	0	158513	100,100
110	0	0	0	0	0	0	0	0	100-110	0	158513	100,100
120	0	0	0	0	0	0	0	0	110-120	0	158513	100,100
130	0	0	0	0	0	0	0	0	120-130	0	158513	100,100
140	0	0	0	0	0	0	0	0	130-140	0	158513	100,100
150	0	0	0	0	0	0	0	0	140-150	0	158513	100,100
160	0	0	0	0	0	0	0	0	150-160	0	158513	100,100
170	0	0	0	0	0	0	0	0	160-170	0	158513	100,100
180	0	0	0	0	0	0	0	0	170-180	0	158513	100,100
DEG	LUMINOUS INTENSITY:X1000cd									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:

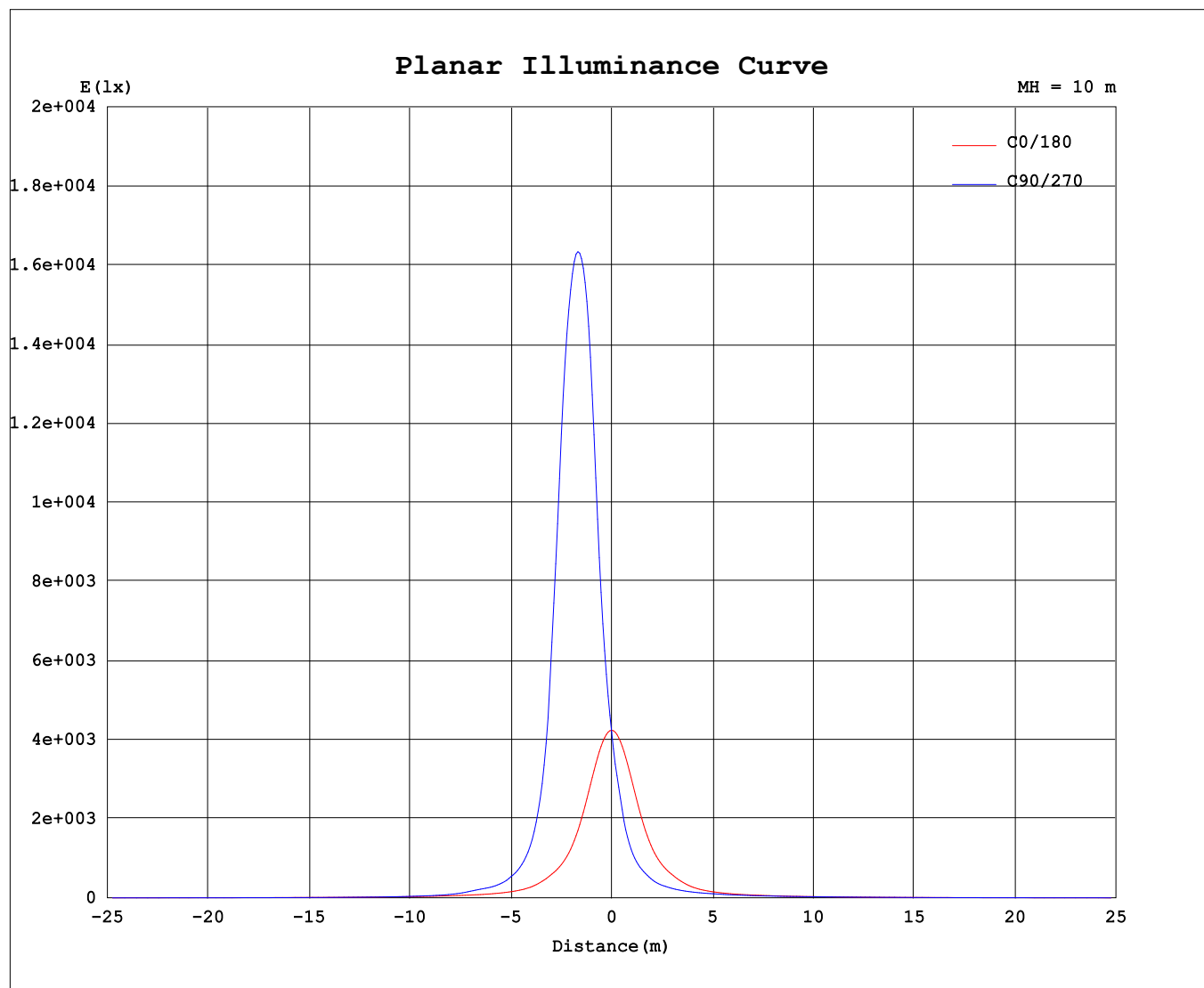
ISOCANDELA DIAGRAM



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

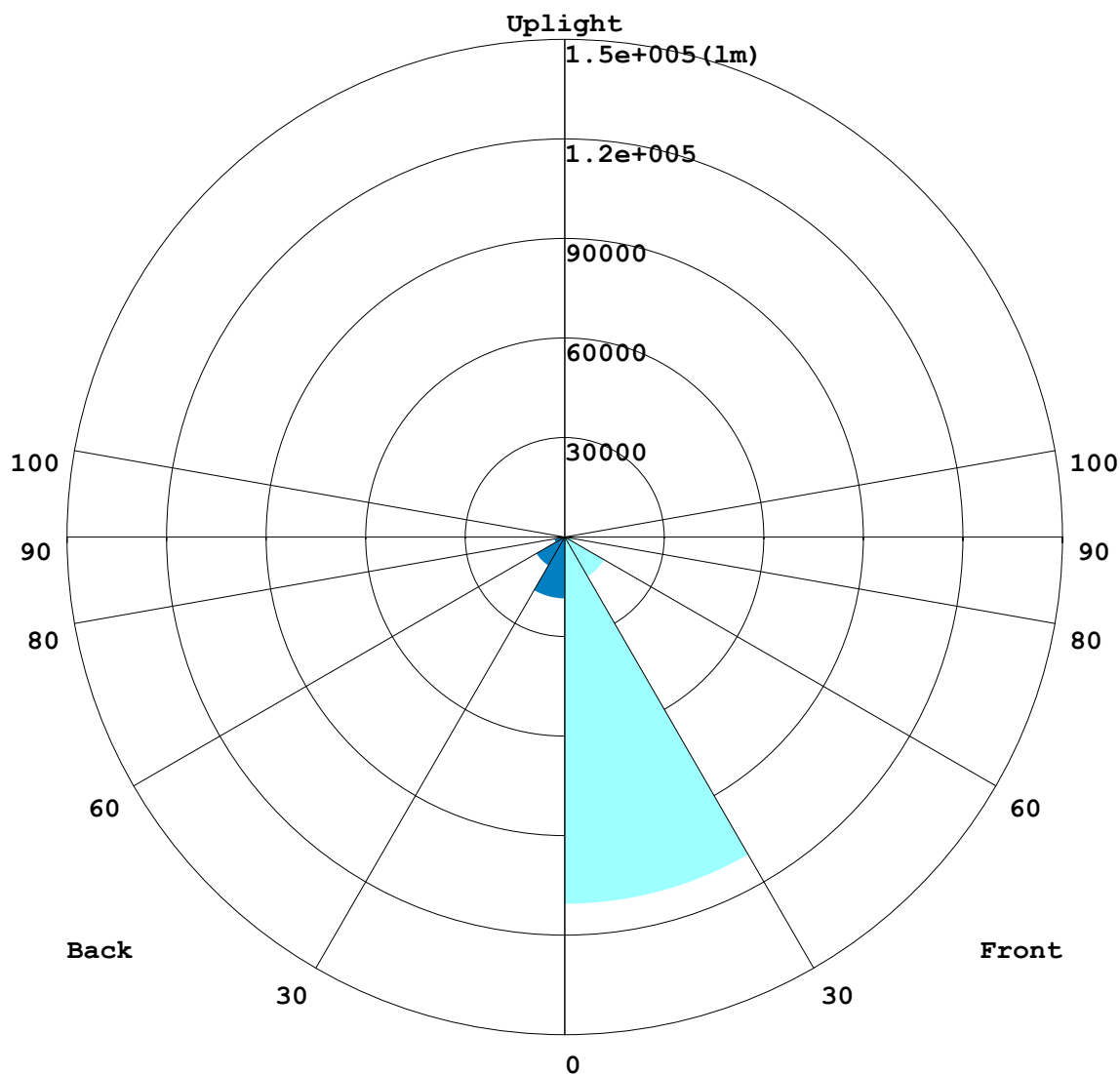
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity: 65.0%
Test Distance: 26.000m [K=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:230.0V I:5.324A P:1200.0W PF:0.980 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:158513x1 lm		
NAME: SP04-1K2-5770-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°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

BUG REPORT

Test:U:230.0V I:5.324A P:1200.0W PF:0.980 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:158513x1 lm		
NAME: SP04-1K2-5770-F04002X	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1.1052e+005	69.7
FM - Front-Medium(30-60)	13688	8.6
FH - Front-High(60-80)	2584.1	1.6
FVH - Front-Very High(80-90)	119.46	0.1
Total Forward Light	1.2691e+005	80.1

BL - Back-Low(0-30)	18483	11.7
BM - Back-Medium(30-60)	9835	6.2
BH - Back-High(60-80)	3124.1	2.0
BVH - Back-Very High(80-90)	163.27	0.1
Total Back Light	31606	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-G4
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	31606	0	31606
Street Side	1.2691e+005	0	1.2691e+005

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

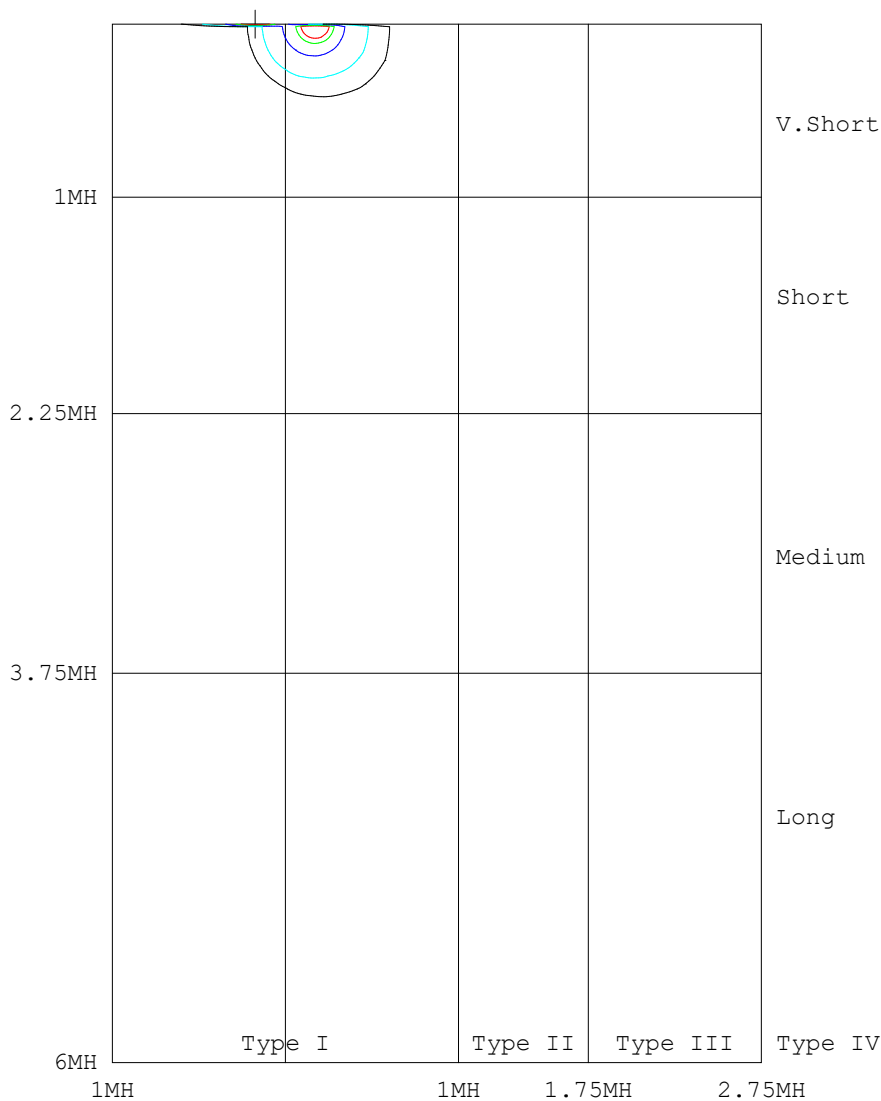
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:230.0V I:5.324A P:1200.0W PF:0.980 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:158513x1 lm		
NAME: SP04-1K2-5770-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℃
Operators:LYJ
Test Date:2023-02-28

Pavement: 70% 1.1932e+00 Road: 50% 8.5227e+005
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: