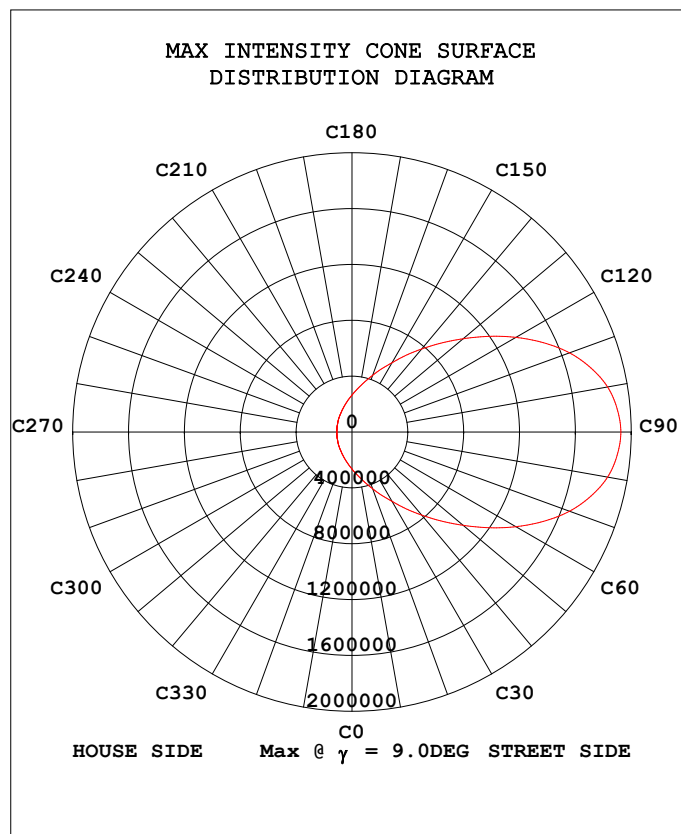
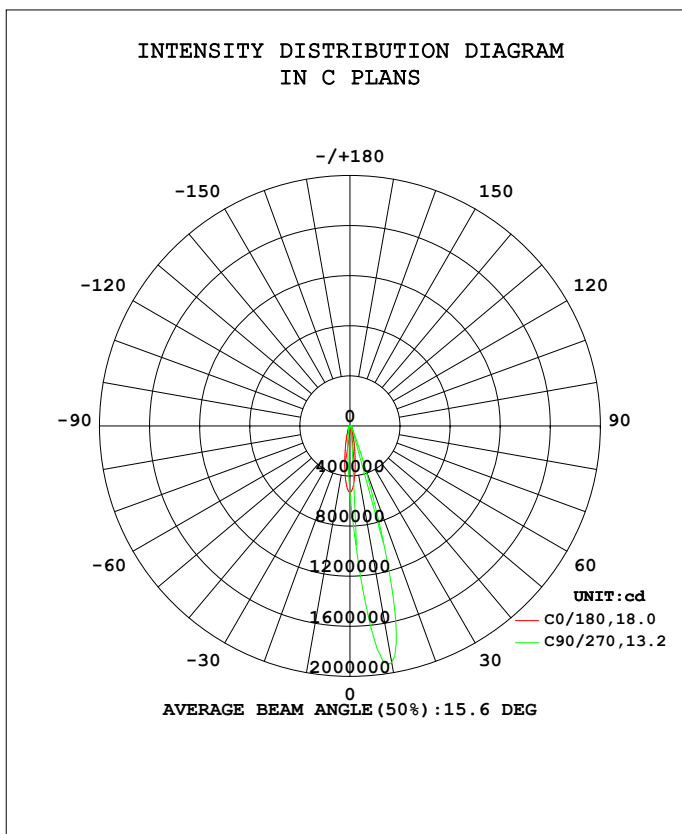


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.0V I:6.541A P:1500.0W PF:0.997 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:200285x1 lm		
NAME: SP04-1K5-5770-F04002X	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

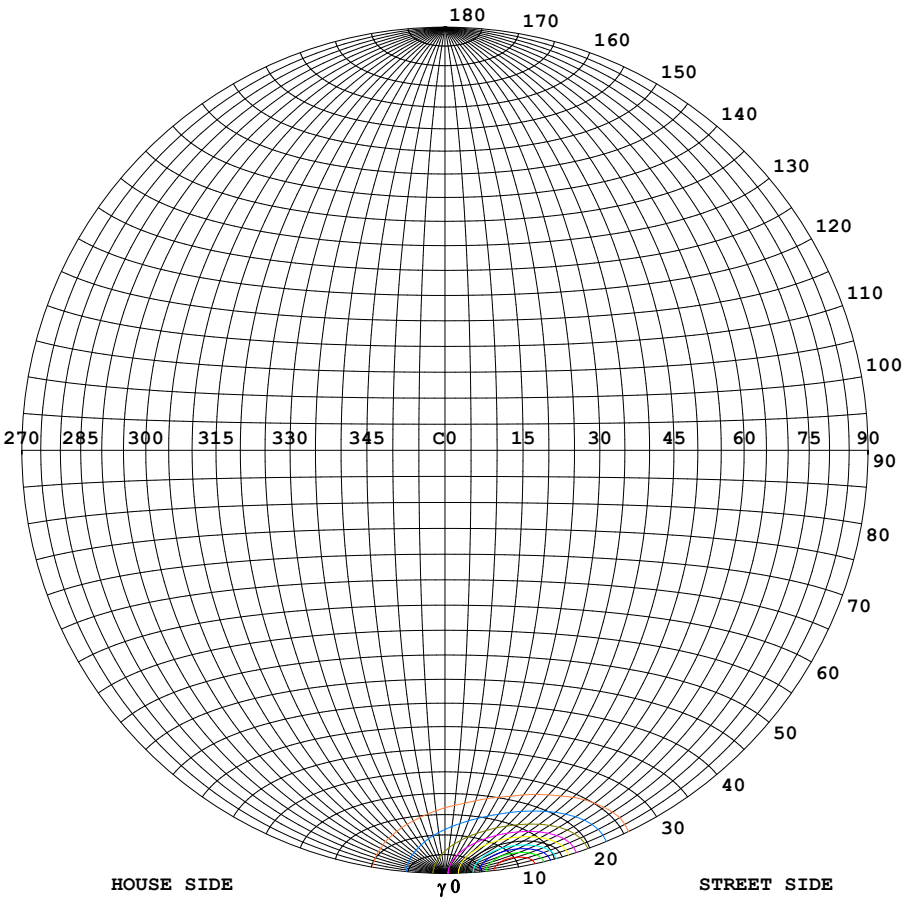
DATA OF LAMP		PHOTOMETRIC DATA Eff: 133.52 lm/W			
MODEL	/	I _{max} (cd)	1925591	η street_up(%)	0.0
NOMINAL POWER(W)	/	LOR(%)	100.0	η street_down(%)	79.0
RATED VOLTAGE(V)	/	TOTAL FLUX(lm)	200285	η house_up(%)	0.0
NOMINAL FLUX(lm)	200285	MAXIMUM @ (C,γ)	90,9.0	η house_down(%)	21.0
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	/	η down(%)	100.0	SLI	



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LYJ
Test Date:2023-03-09

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

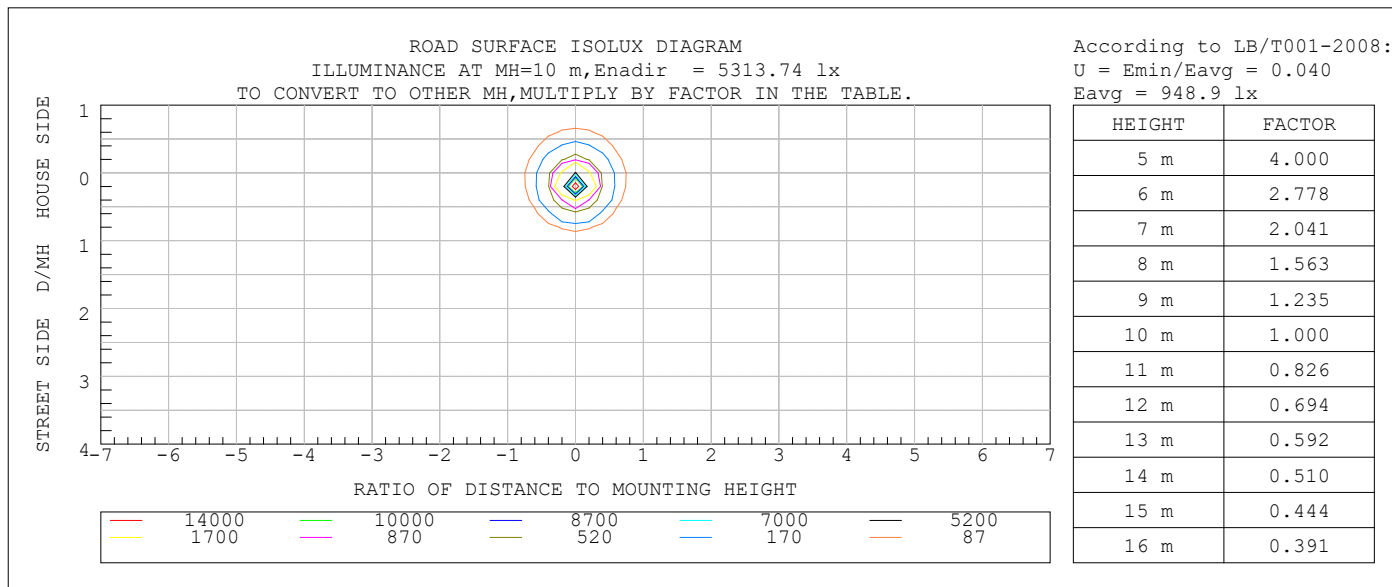
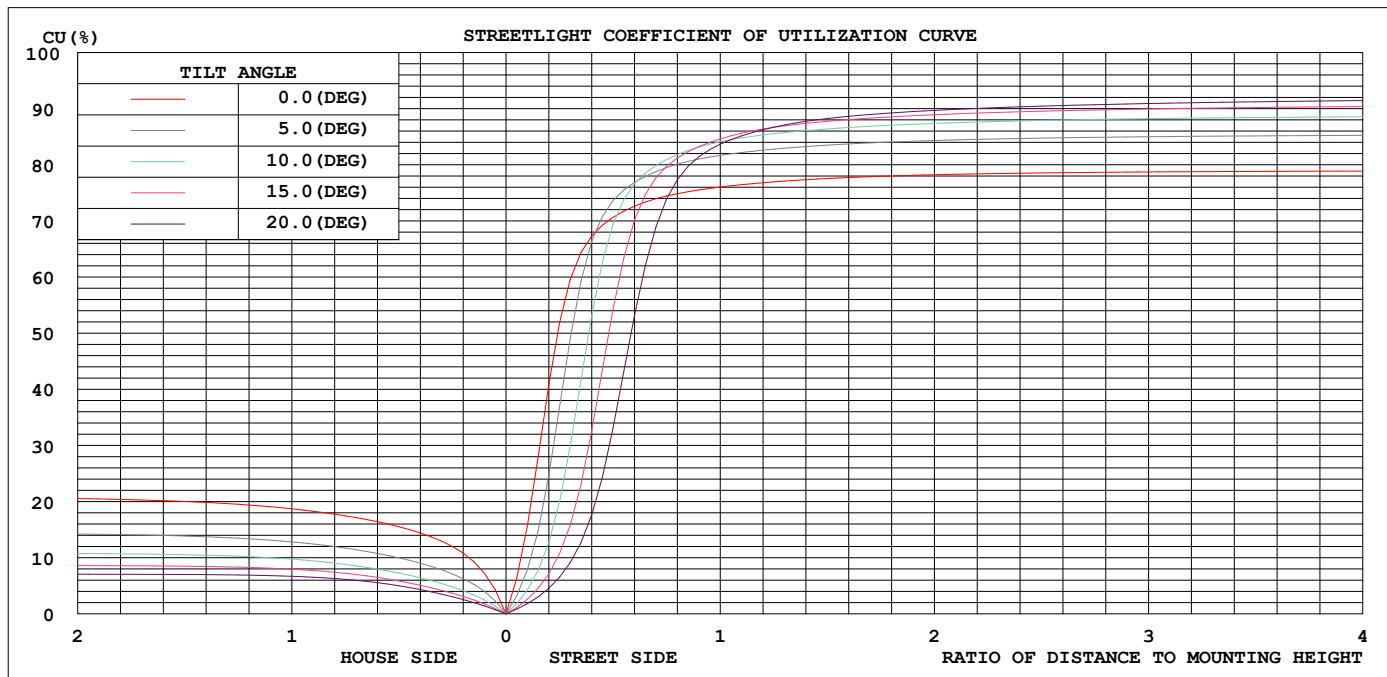


Classification:
IES:Type I - Very Short
CIE:Narrow - Short
IES:Full cut-off
CIE:Full cut-off
Max.At80:6.180cd/klm
Max.At90:0cd/klm
Max.80-90:6.180cd/klm
NRB 5101:Limited[1.1%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	1925591
90%	1733031
80%	1540472
70%	1347913
60%	1155354
50%	962795
40%	770236
30%	577677
20%	385118
10%	192559
5%	96280

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LYJ
Test Date:2023-03-09

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: 5.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LYJ
Test Date: 2023-03-09

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

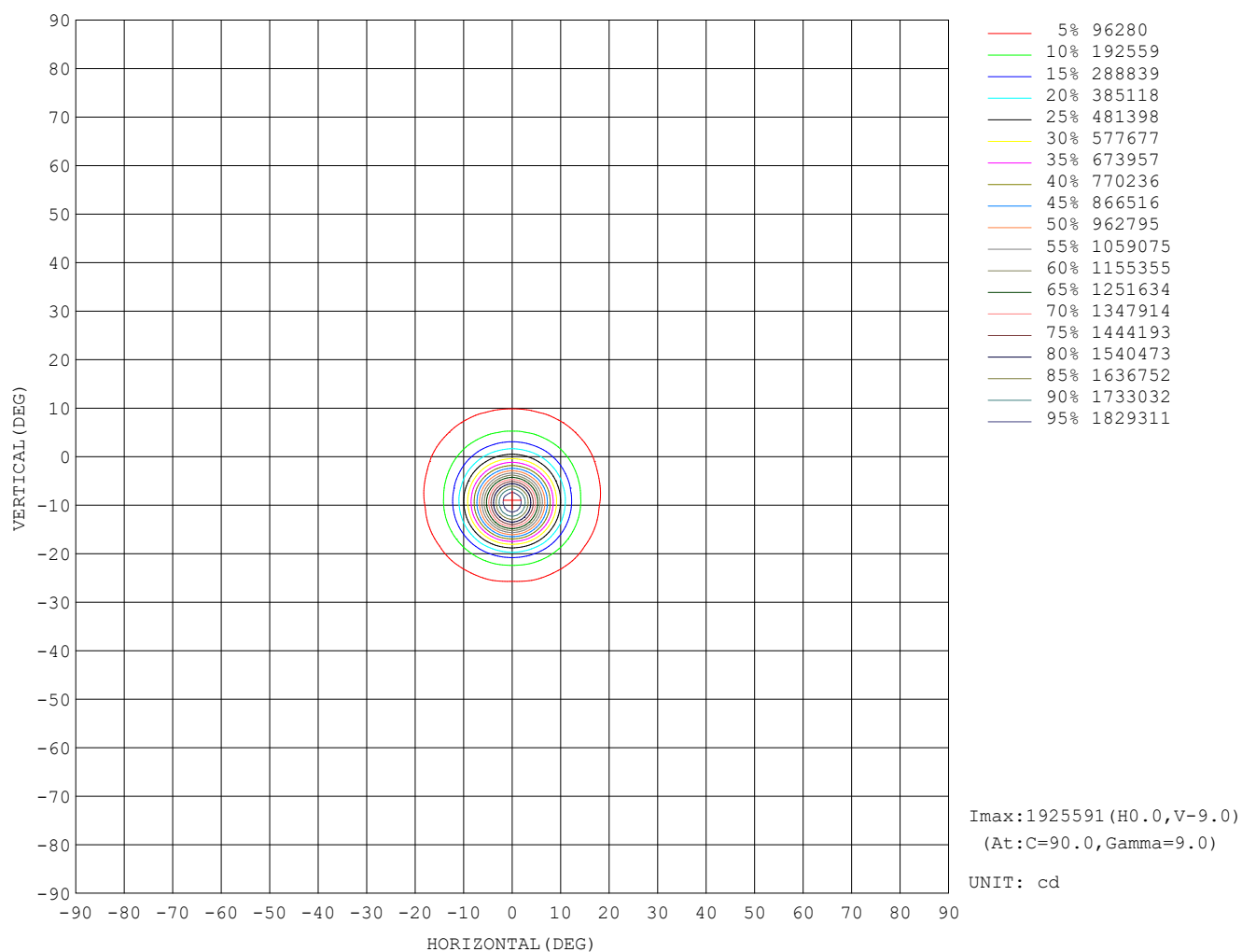
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	231.6	837.0	1917	837.0	231.6	118.8	93.92	118.8	0- 10	55934	55934	27.9,27.9
20	60.98	159.6	361.7	159.6	60.98	34.31	28.85	34.31	10- 20	81411	137346	68.6,68.6
30	23.01	43.35	58.24	43.35	23.01	17.84	16.40	17.84	20- 30	25117	162462	81.1,81.1
40	13.68	16.89	19.66	16.89	13.68	12.29	11.80	12.29	30- 40	12991	175454	87.6,87.6
50	10.09	10.65	10.85	10.65	10.09	9.822	8.939	9.822	40- 50	9322	184775	92.3,92.3
60	6.924	7.628	7.191	7.628	6.924	7.020	5.489	7.020	50- 60	7628	192404	96.1,96.1
70	3.773	4.424	4.069	4.424	3.773	3.341	2.301	3.341	60- 70	5243	197646	98.7,98.7
80	1.065	1.238	1.172	1.238	1.065	0.6890	0.5079	0.6890	70- 80	2309	199955	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	329.6	200285	100,100
100	0	0	0	0	0	0	0	0	90-100	0	200285	100,100
110	0	0	0	0	0	0	0	0	100-110	0	200285	100,100
120	0	0	0	0	0	0	0	0	110-120	0	200285	100,100
130	0	0	0	0	0	0	0	0	120-130	0	200285	100,100
140	0	0	0	0	0	0	0	0	130-140	0	200285	100,100
150	0	0	0	0	0	0	0	0	140-150	0	200285	100,100
160	0	0	0	0	0	0	0	0	150-160	0	200285	100,100
170	0	0	0	0	0	0	0	0	160-170	0	200285	100,100
180	0	0	0	0	0	0	0	0	170-180	0	200285	100,100
DEG	LUMINOUS INTENSITY:X1000cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:LYJ
 Test Date:2023-03-09

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:

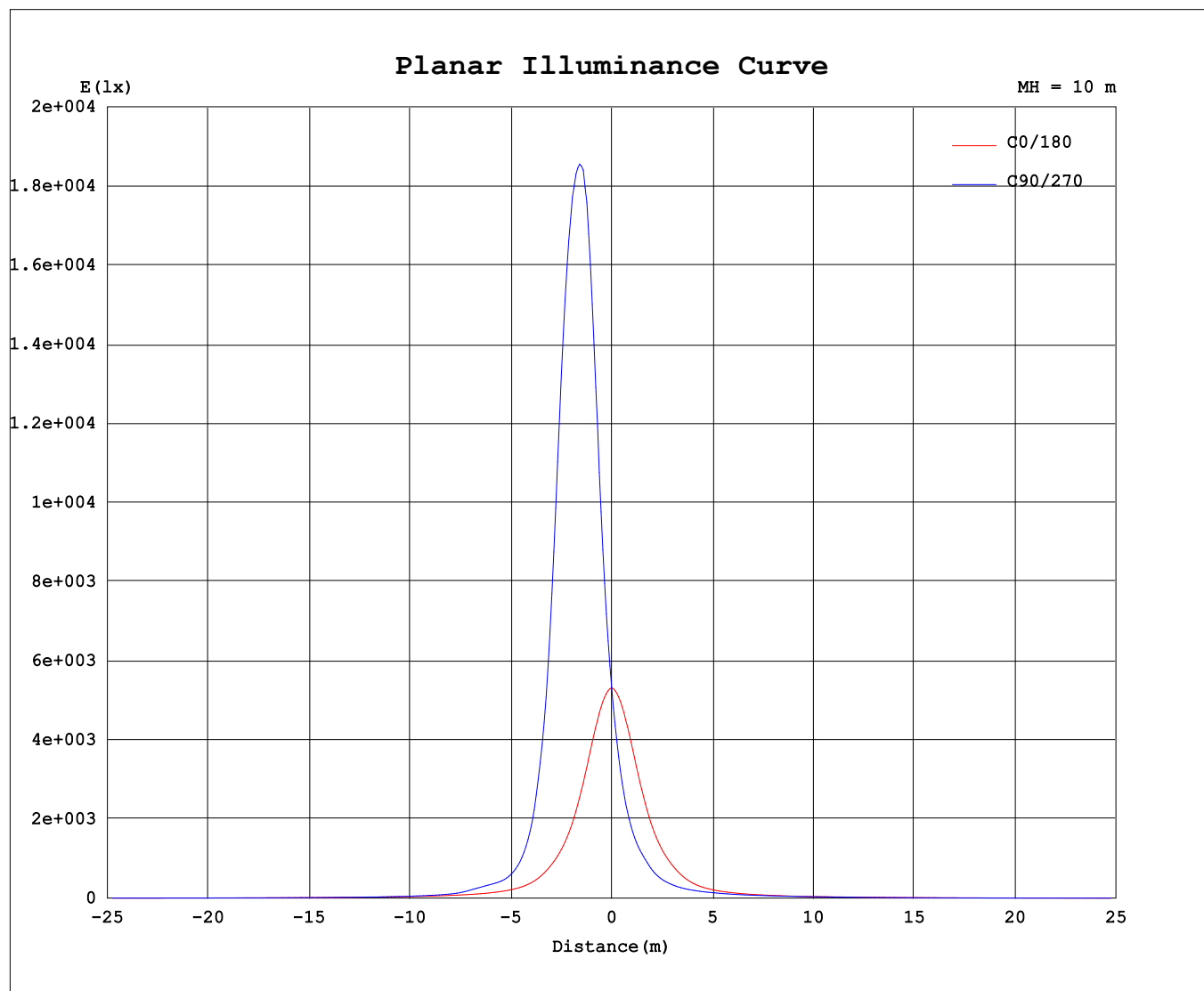
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:LYJ
Test Date:2023-03-09

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: 5.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LYJ
Test Date: 2023-03-09

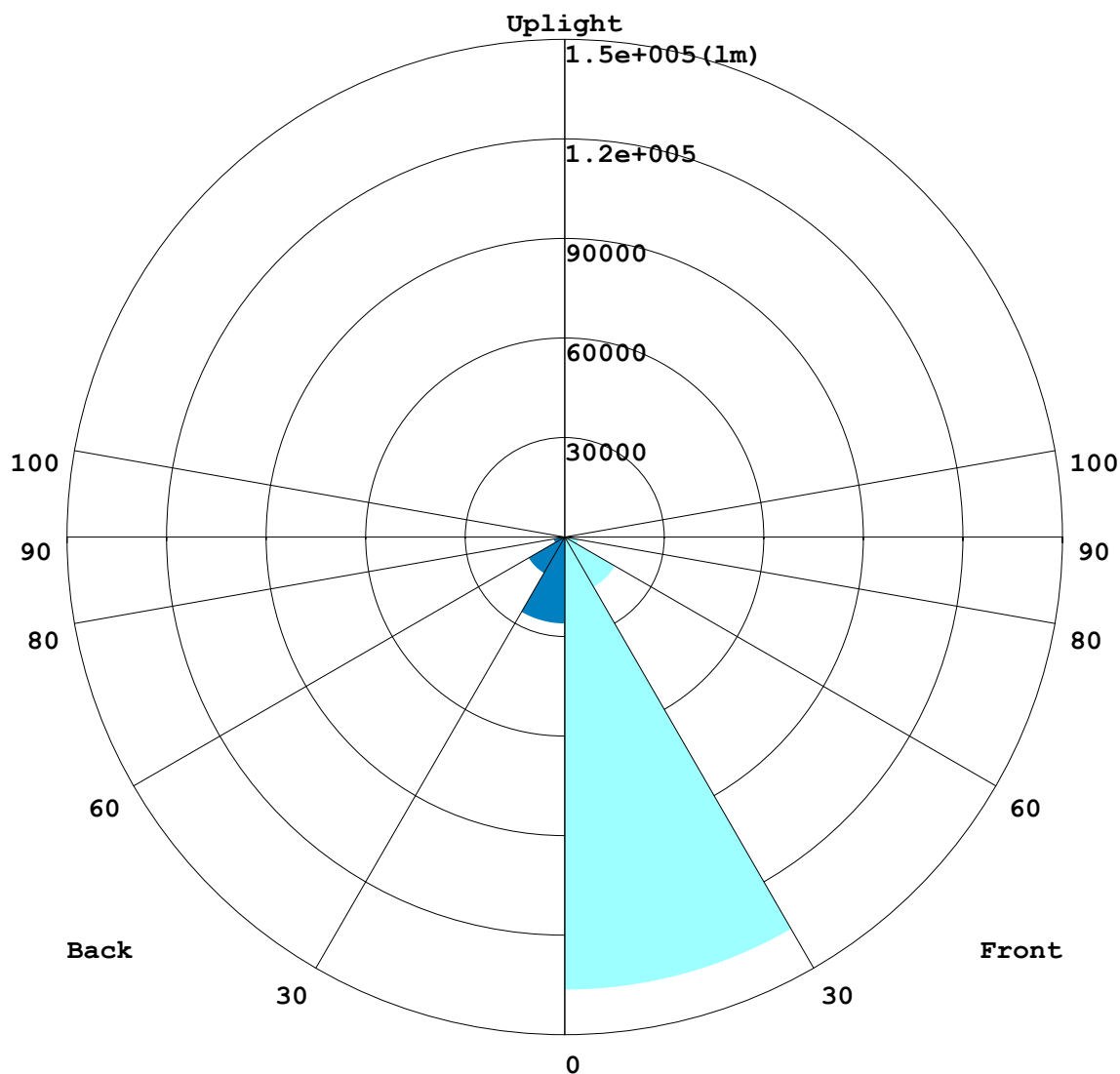
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity: 65.0%
Test Distance: 26.000m [K=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:230.0V I:6.541A P:1500.0W PF:0.997 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:200285x1 lm		
NAME: SP04-1K5-5770-F04002X	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LYJ
 Test Date:2023-03-09

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:6.541A P:1500.0W PF:0.997 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:200285x1 lm		
NAME: SP04-1K5-5770-F04002X	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1.3641e+005	68.1
FM - Front-Medium(30-60)	17420	8.7
FH - Front-High(60-80)	4209.2	2.1
FVH - Front-Very High(80-90)	204.69	0.1
Total Forward Light	1.5824e+005	79.0

BL - Back-Low(0-30)	26055	13.0
BM - Back-Medium(30-60)	12521	6.3
BH - Back-High(60-80)	3342.5	1.7
BVH - Back-Very High(80-90)	124.9	0.1
Total Back Light	42043	21.0

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
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	42043	0	42043
Street Side	1.5824e+005	0	1.5824e+005

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LYJ
Test Date:2023-03-09

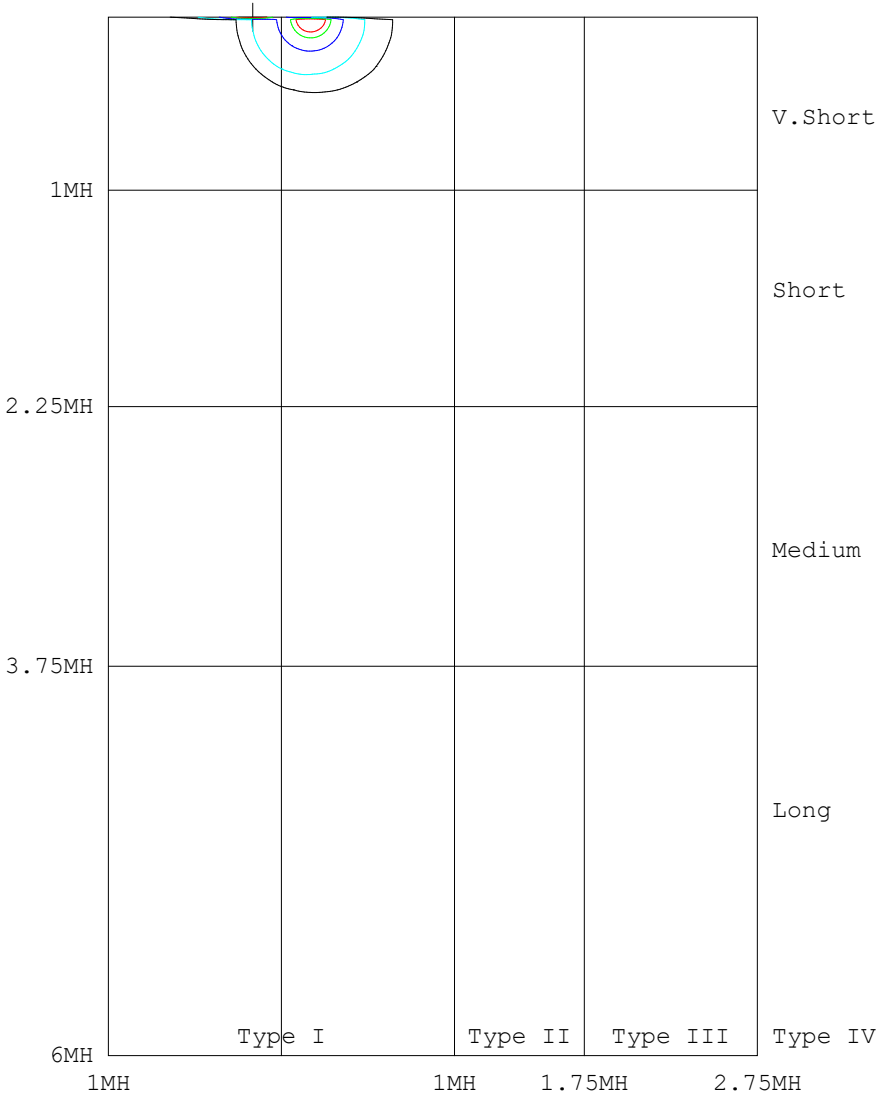
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:230.0V I:6.541A P:1500.0W PF:0.997 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:200285x1 lm		
NAME: SP04-1K5-5770-F04002X	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LYJ
Test Date:2023-03-09

Pavement

Road

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: