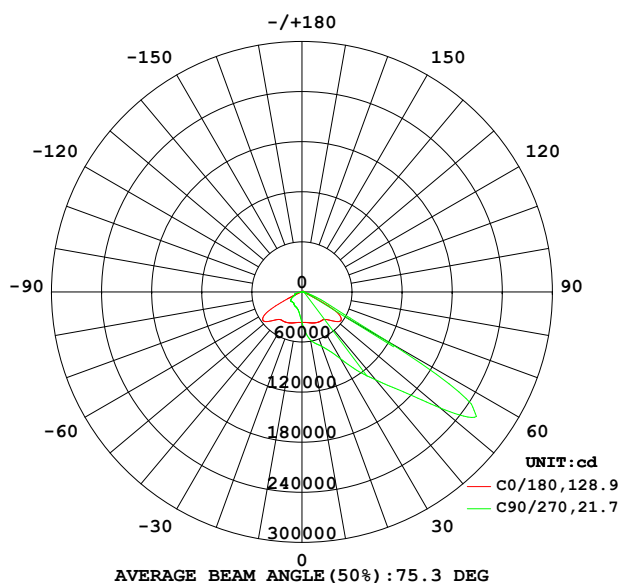
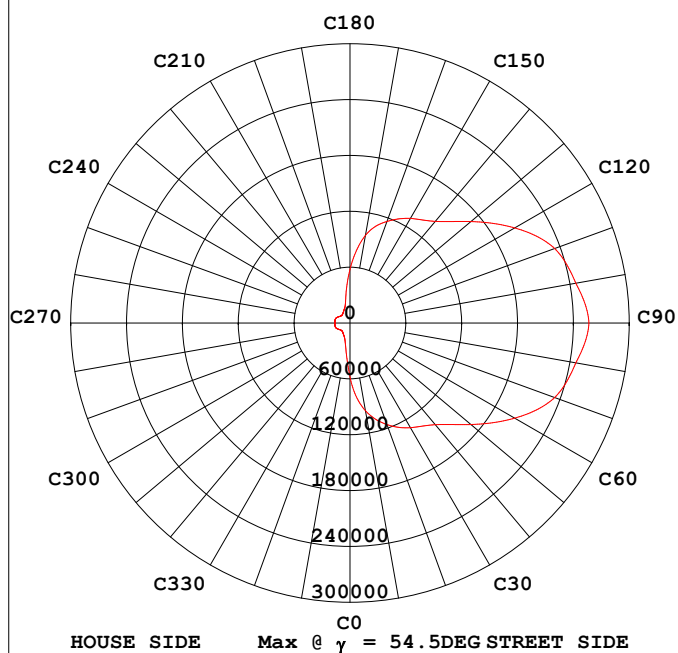


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.0V I:7.842A P:1800.0W PF:0.998 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:246945x1 lm		
NAME: SP04-1K8-5770-F04014	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

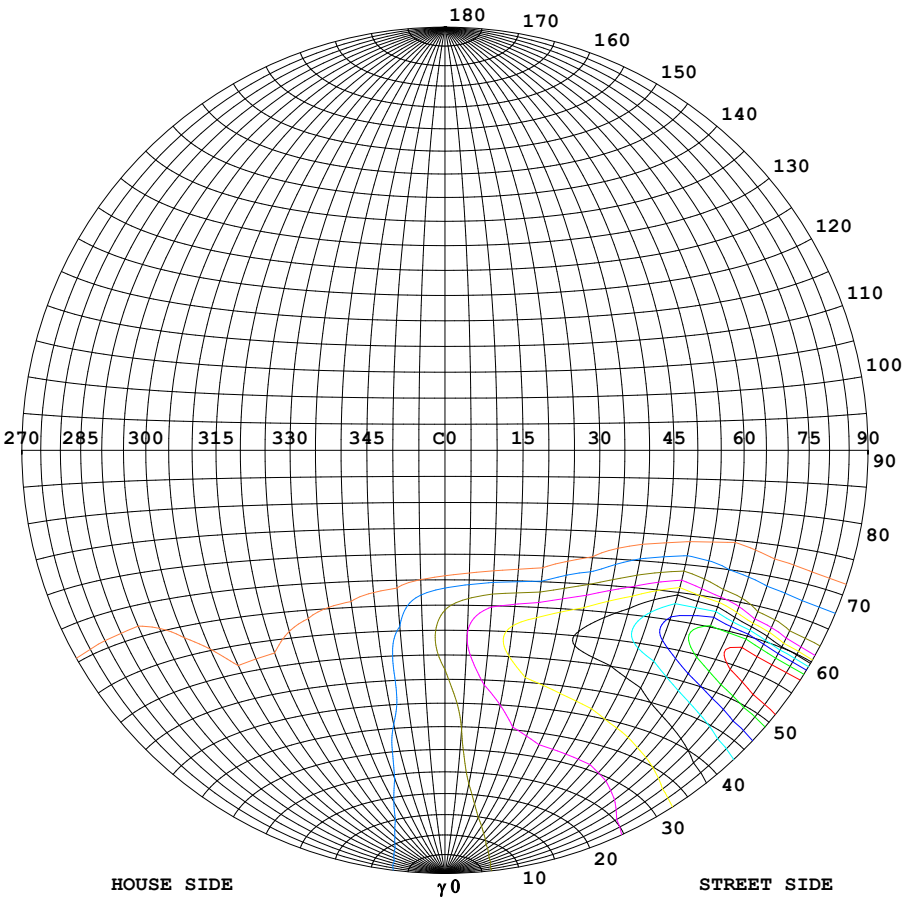
DATA OF LAMP		PHOTOMETRIC DATA Eff: 137.19 lm/W			
MODEL	/	I _{max} (cd)	256676	η street_up (%)	0.0
NOMINAL POWER (W)	/	LOR (%)	100.0	η street_down (%)	83.6
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	246945	η house_up (%)	0.0
NOMINAL FLUX (lm)	246945	MAXIMUM @ (C, γ)	90,54.5	η house_down (%)	16.4
LAMPS INSIDE	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:2023-03-07

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

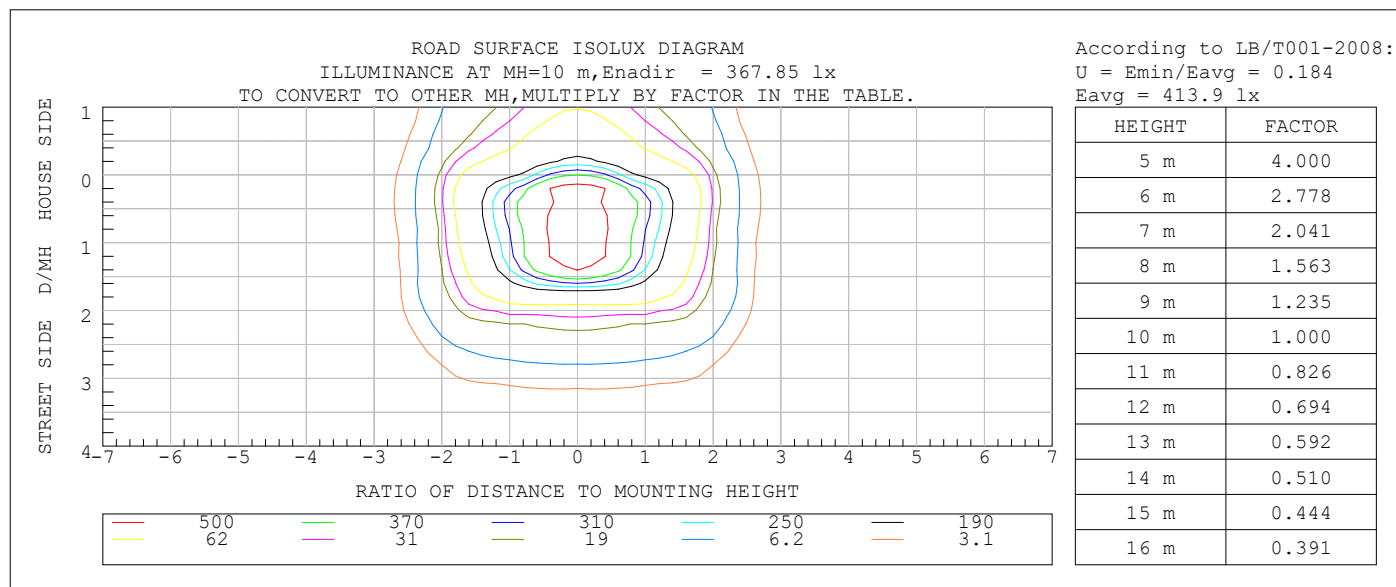
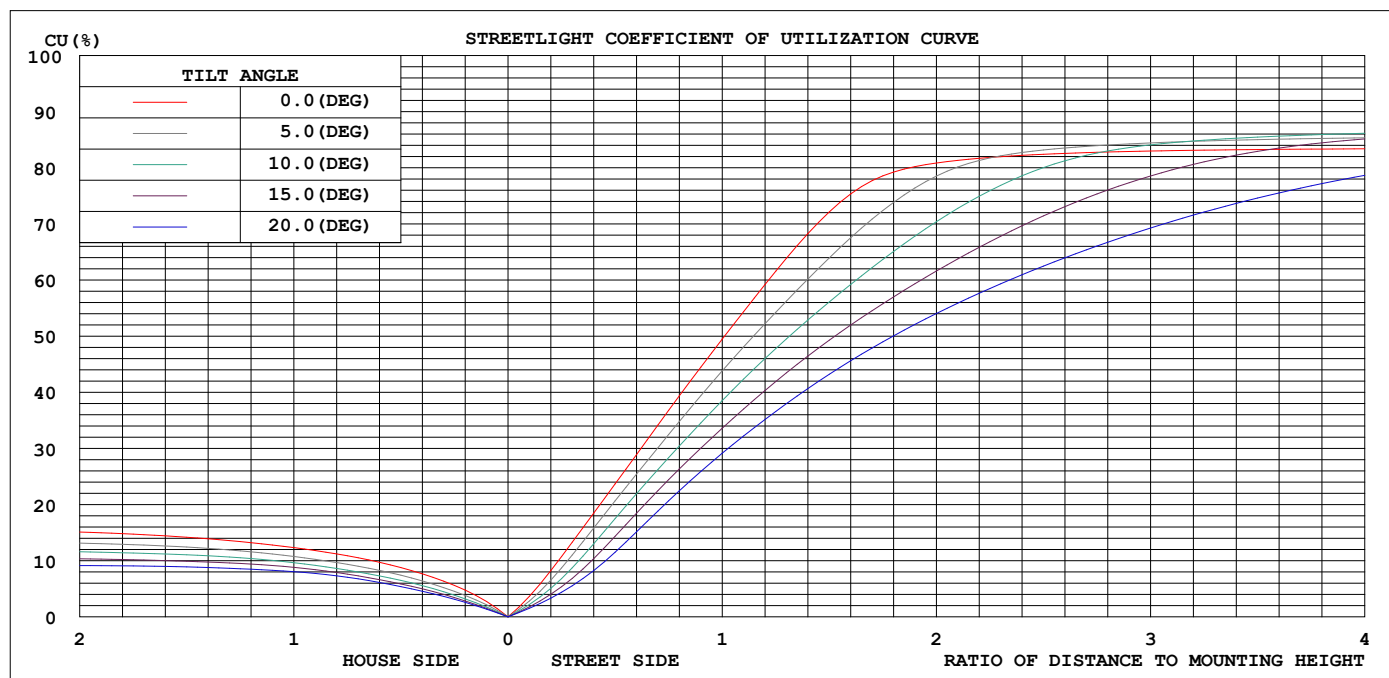


Classification:
IES:Type II - Very Short
CIE:Broad - Short
IES:Cut-off
CIE:Full cut-off
Max.At80:21.28cd/klm
Max.At90:0.1052cd/klm
Max.80-90:21.28cd/klm
NRB 5101:Limited[1.4%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	256676
90%	231008
80%	205341
70%	179673
60%	154006
50%	128338
40%	102670
30%	77003
20%	51335
10%	25668
5%	12834

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LYJ
Test Date:2023-03-07

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: 2023-03-07

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

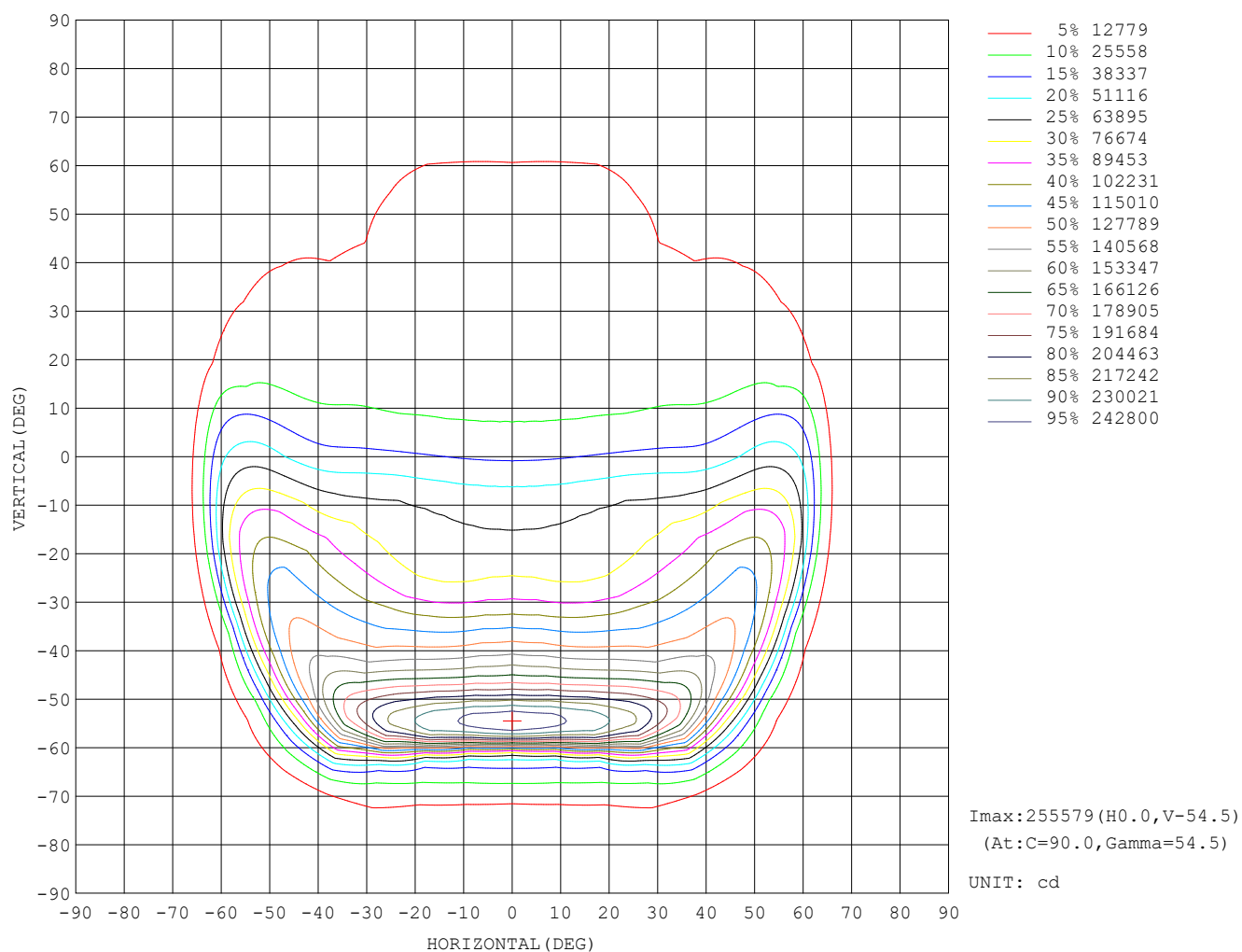
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	372.8	537.1	582.0	537.1	372.8	258.7	232.8	258.7	0- 10	3647	3647	1.48,1.48
20	395.4	657.7	693.5	657.7	395.4	210.1	196.6	210.1	10- 20	11734	15381	6.23,6.23
30	413.9	747.4	924.8	747.4	413.9	187.9	182.8	187.9	20- 30	20960	36341	14.7,14.7
40	430.3	1026	1374	1026	430.3	165.5	167.6	165.5	30- 40	33996	70337	28.5,28.5
50	553.1	1345	2159	1345	553.1	133.0	174.3	133.0	40- 50	54459	124797	50.5,50.5
60	474.4	1597	1164	1597	474.4	111.6	134.2	111.6	50- 60	78878	203675	82.5,82.5
70	64.97	328.8	169.6	328.8	64.97	72.47	89.27	72.47	60- 70	35691	239366	96.9,96.9
80	14.31	20.89	27.41	20.89	14.31	14.99	37.34	14.99	70- 80	6773	246138	99.7,99.7
90	0.1338	0.1310	0.1015	0.1310	0.1338	0.2531	0.1461	0.2531	80- 90	806.4	246945	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:2023-03-07

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:

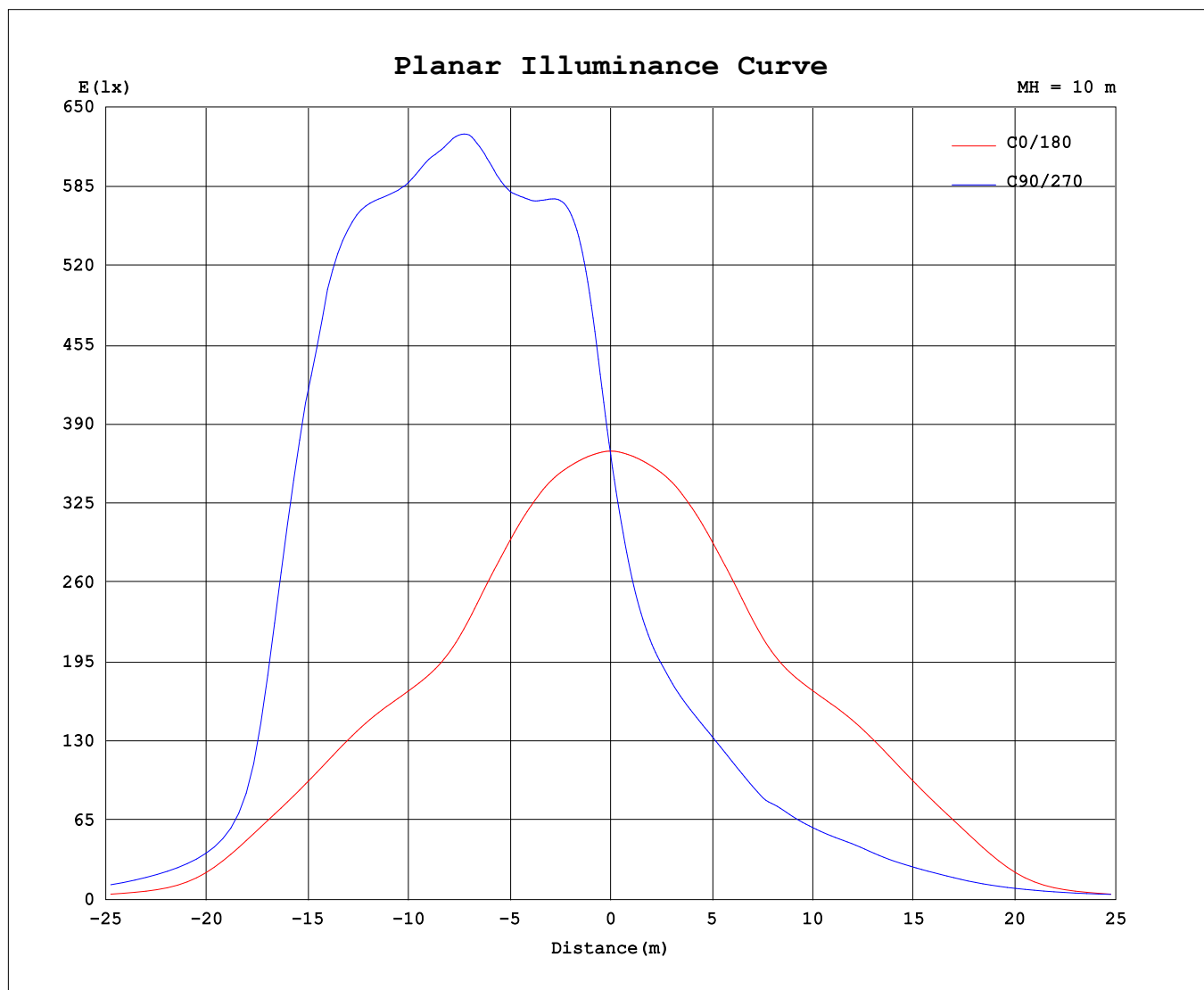
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LYJ
Test Date: 2023-03-07

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: 2023-03-07

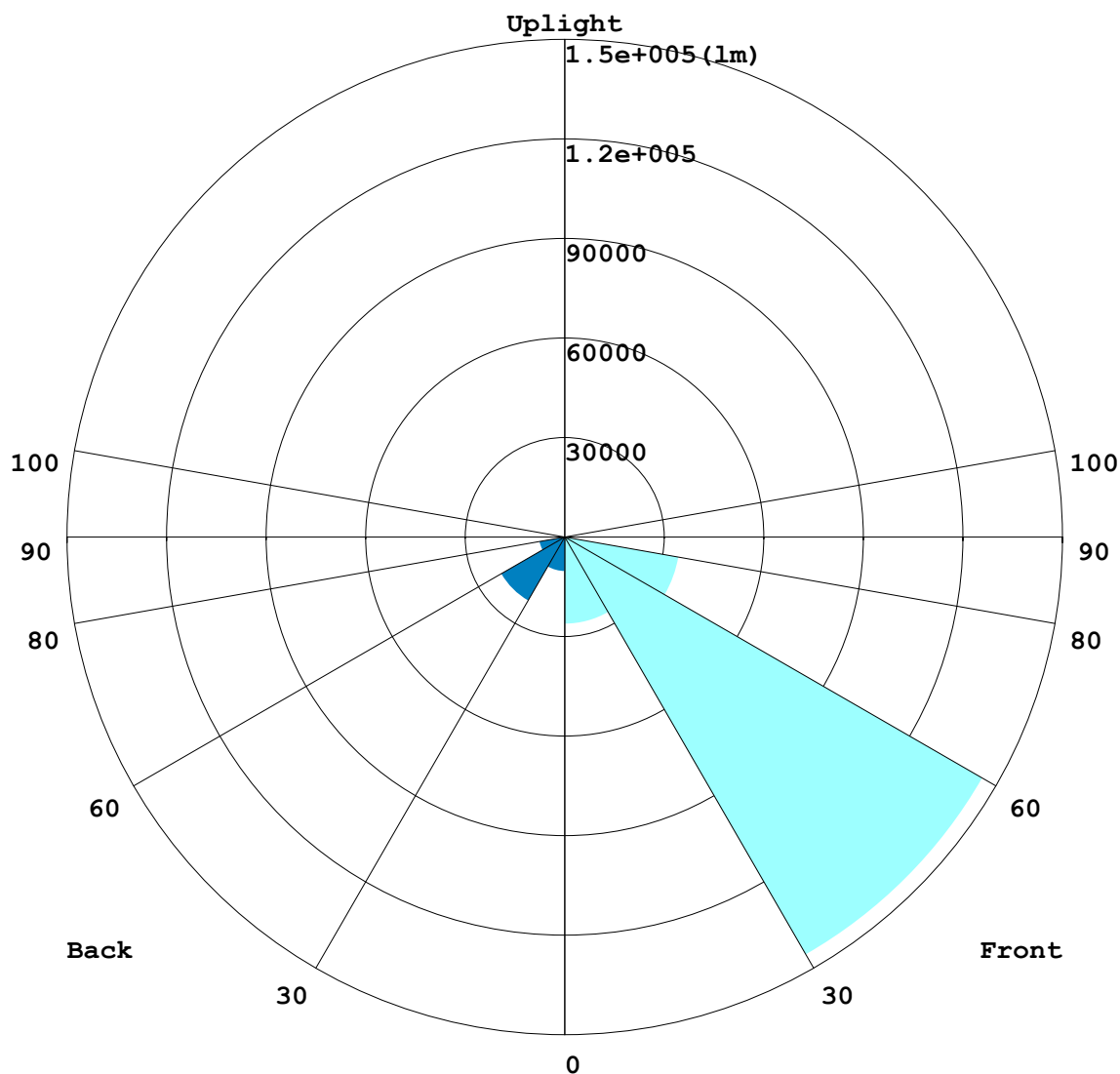
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity: 65.0%
Test Distance: 26.000m [K=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:230.0V I:7.842A P:1800.0W PF:0.998 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:246945x1 lm		
NAME: SP04-1K8-5770-F04014	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:2023-03-07

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:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:246945x1 lm		
NAME: SP04-1K8-5770-F04014	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	26096	10.6
FM - Front-Medium(30-60)	1.4527e+005	58.8
FH - Front-High(60-80)	34750	14.1
FVH - Front-Very High(80-90)	399.44	0.2
Total Forward Light	2.0652e+005	83.6

BL - Back-Low(0-30)	10245	4.1
BM - Back-Medium(30-60)	22064	8.9
BH - Back-High(60-80)	7713.1	3.1
BVH - Back-Very High(80-90)	406.95	0.2
Total Back Light	40429	16.4

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	40429	0	40429
Street Side	2.0652e+005	0	2.0652e+005

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LYJ
Test Date:2023-03-07

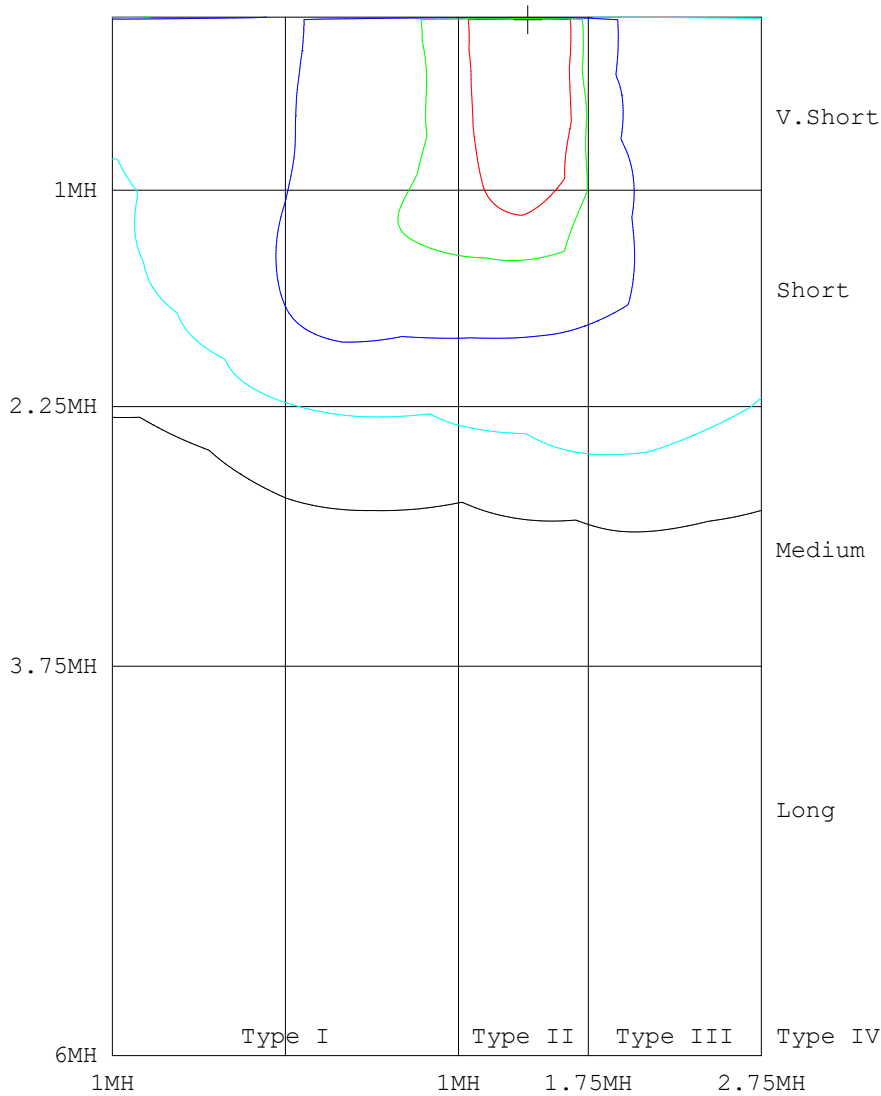
γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:230.0V I:7.842A P:1800.0W PF:0.998 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:246945x1 lm		
NAME: SP04-1K8-5770-F04014	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:2023-03-07

Pavement: 70% 1.785e+00 Road: 30% 1.278e+00
γ Range: 51022 - 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: