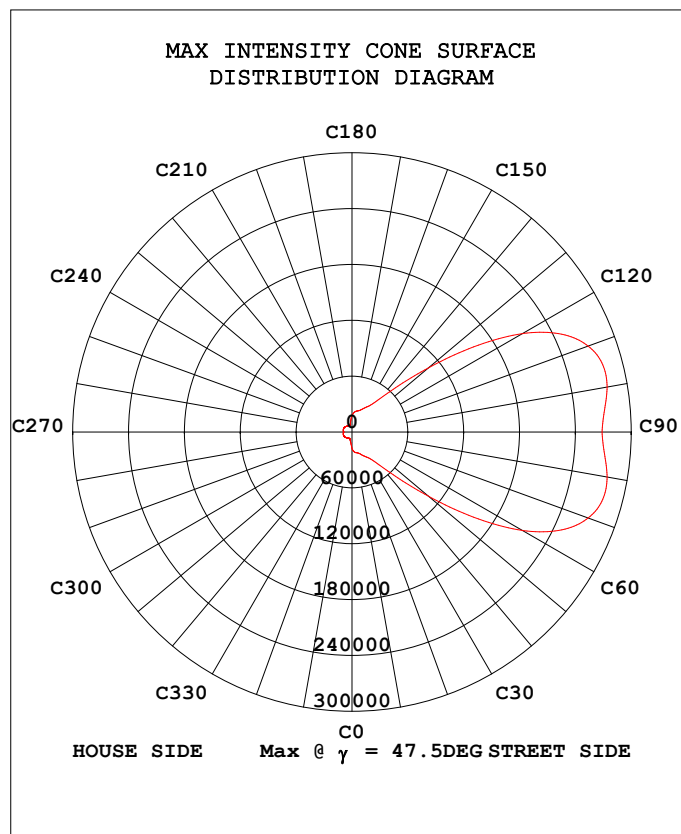
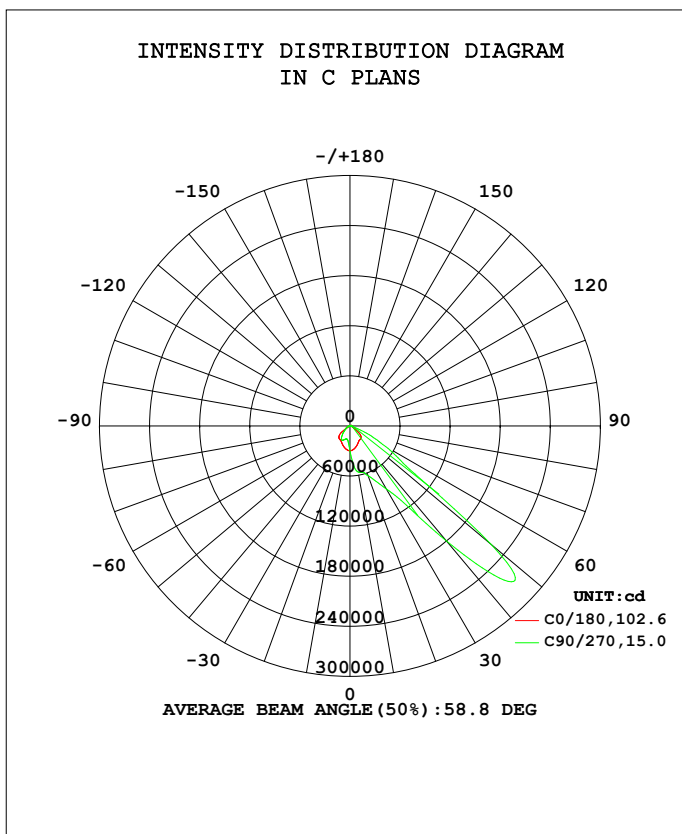


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:227.6V I:5.270A P:1194.8W PF:0.996 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:148076x1 lm		
NAME: SP04-1K2-5770-F04001X-L39	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

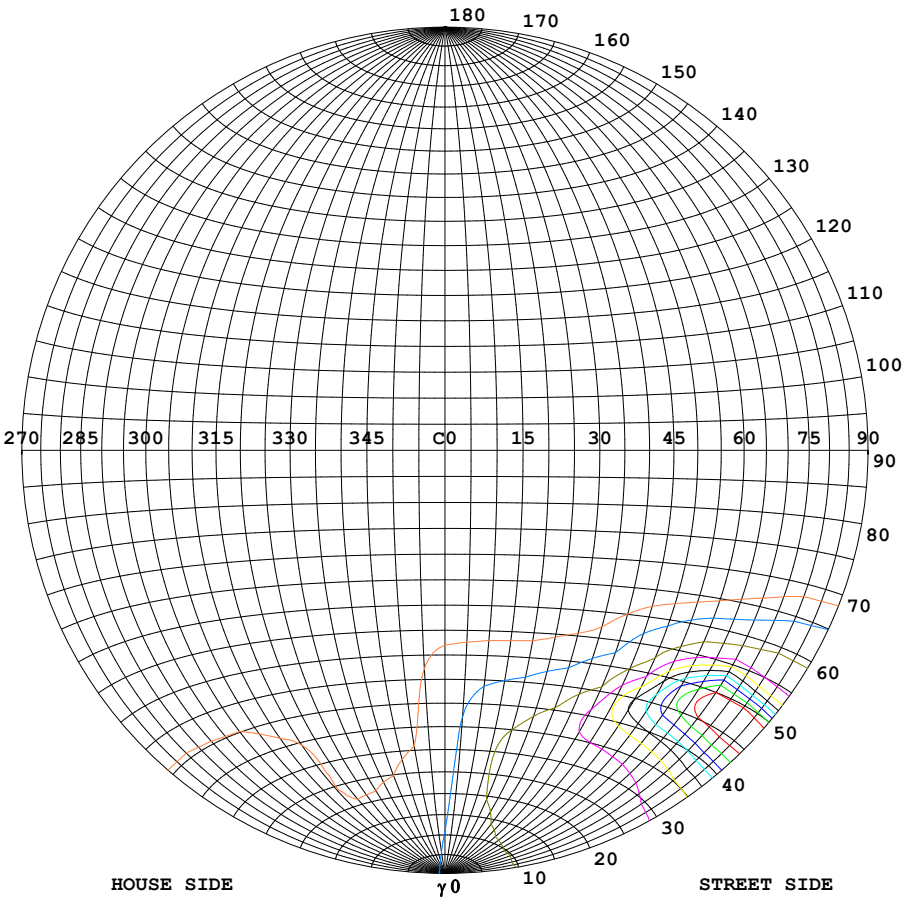
DATA OF LAMP		PHOTOMETRIC DATA Eff: 123.94 lm/W			
MODEL	/	I _{max} (cd)	278319	η street_up (%)	0.0
NOMINAL POWER (W)	/	LOR (%)	100.0	η street_down (%)	85.5
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	148076	η house_up (%)	0.0
NOMINAL FLUX (lm)	148076	MAXIMUM @ (C, γ)	80,47.5	η house_down (%)	14.5
LAMPS INSIDE	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:2023-05-02

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

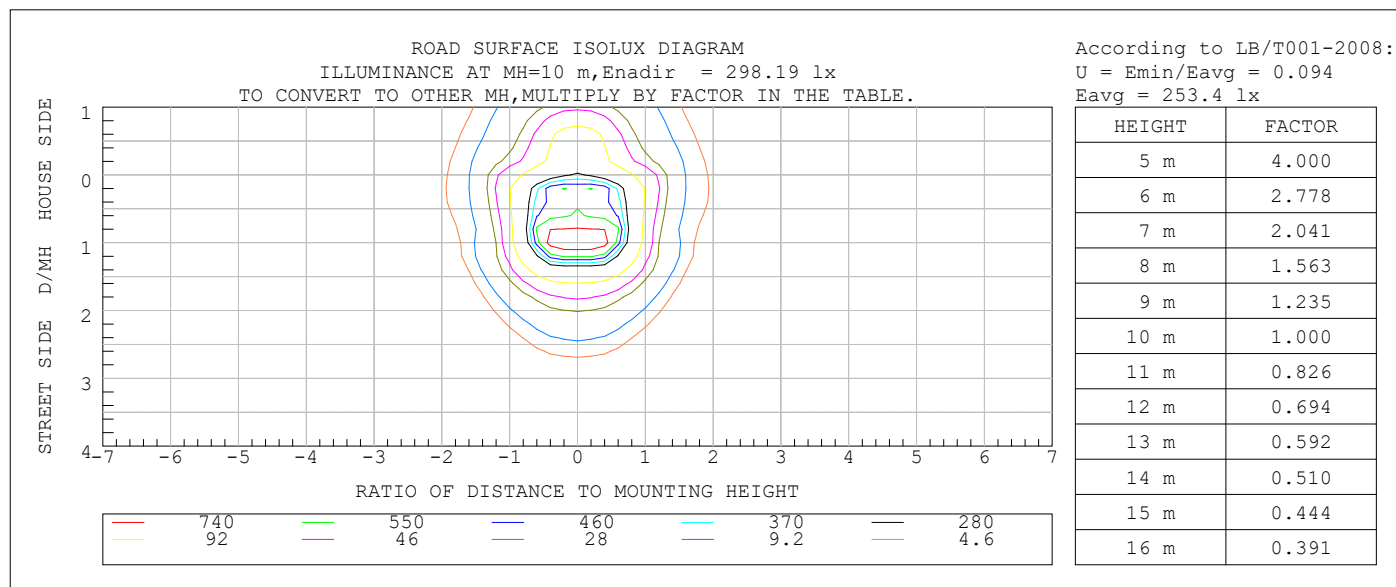
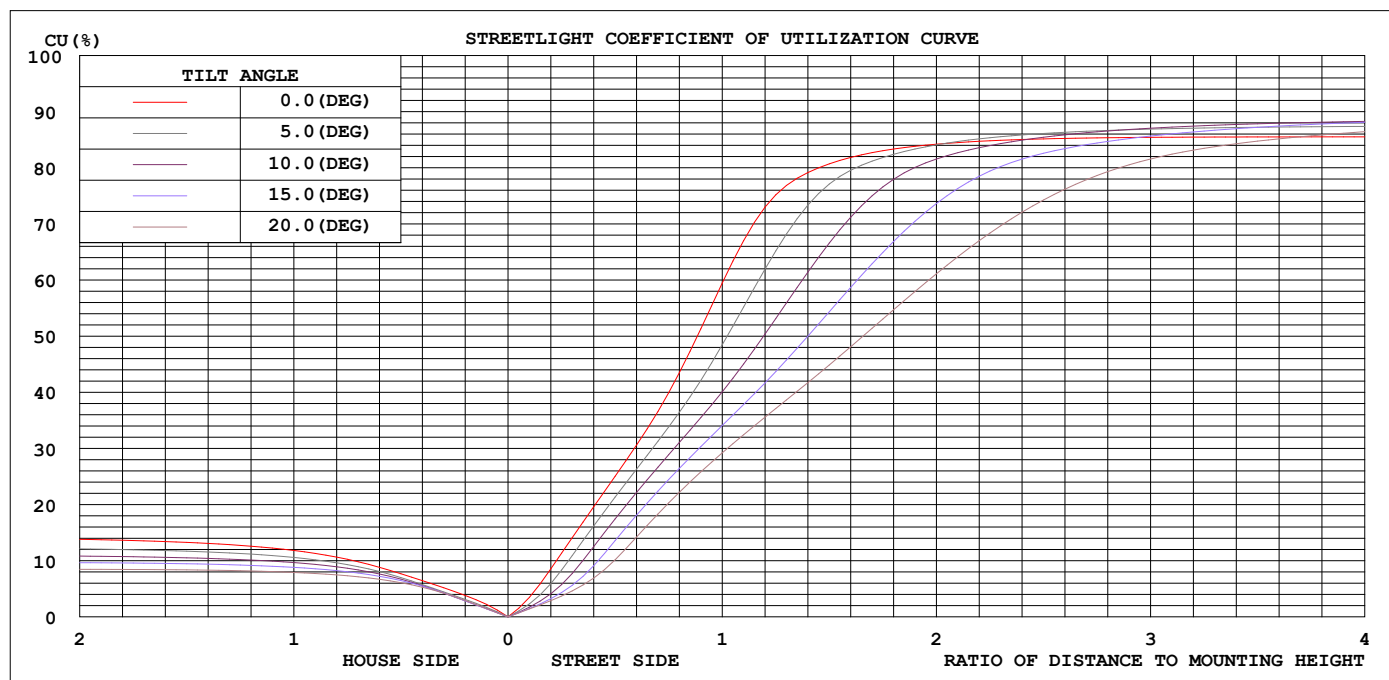


Classification:
IES:Type II - Very Short
CIE:Average - Short
IES:Full cut-off
CIE:Full cut-off
Max.At80:6.572cd/klm
Max.At90:0cd/klm
Max.80-90:6.572cd/klm
NRB 5101:Limited[1.2%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	278319
90%	250487
80%	222655
70%	194823
60%	166991
50%	139159
40%	111327
30%	83496
20%	55664
10%	27832
5%	13916

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LYJ
Test Date:2023-05-02

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: 2023-05-02

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

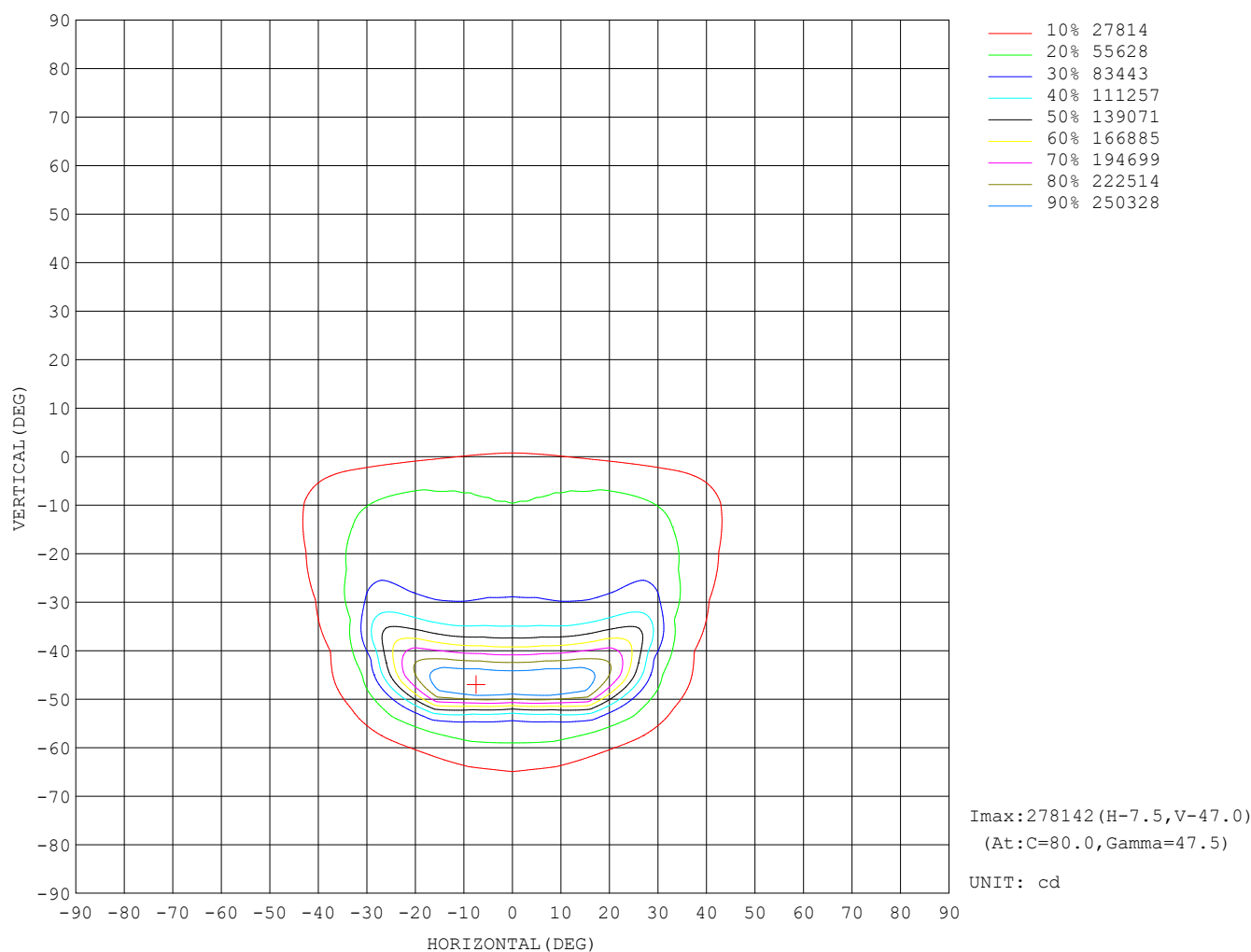
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	280.5	536.9	559.3	536.9	280.5	176.9	168.8	176.9	0- 10	3092	3092	2.09,2.09
20	246.8	651.7	633.3	651.7	246.8	142.3	170.1	142.3	10- 20	10092	13184	8.9,8.9
30	211.8	737.0	871.4	737.0	211.8	142.8	194.1	142.8	20- 30	18351	31535	21.3,21.3
40	199.9	1014	1797	1014	199.9	114.5	144.4	114.5	30- 40	29960	61495	41.5,41.5
50	161.4	567.0	2207	567.0	161.4	79.80	83.23	79.80	40- 50	50551	112046	75.7,75.7
60	52.76	188.9	495.1	188.9	52.76	48.56	46.02	48.56	50- 60	26619	138665	93.6,93.6
70	29.19	27.93	92.12	27.93	29.19	19.18	27.18	19.18	60- 70	7611	146276	98.8,98.8
80	8.213	1.171	0.6259	1.171	8.213	5.388	9.732	5.388	70- 80	1613	147889	99.9,99.9
90	0	0	0	0	0	0	0	0	80- 90	187.3	148076	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:2023-05-02

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:

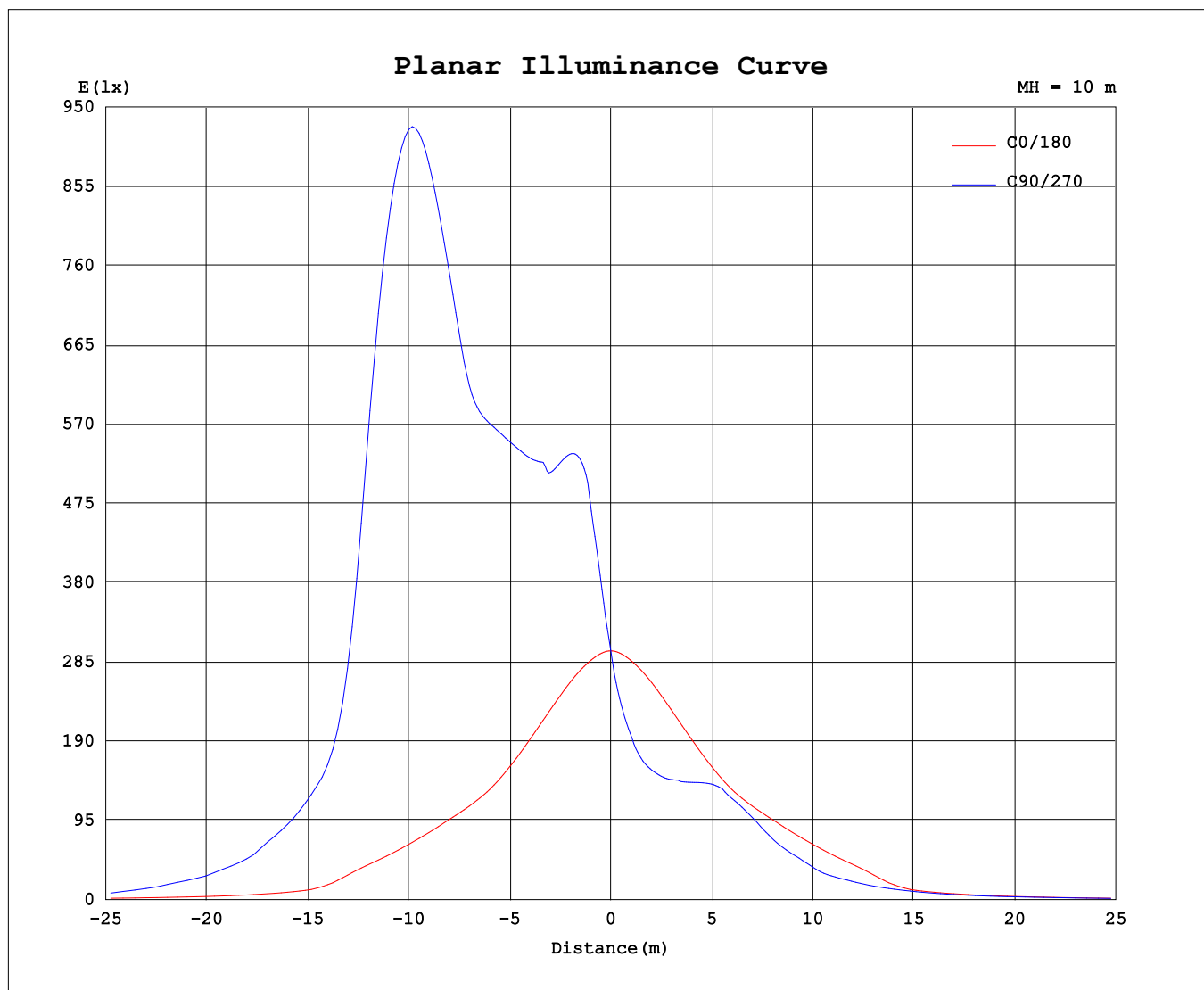
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LYJ
Test Date: 2023-05-02

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: 2023-05-02

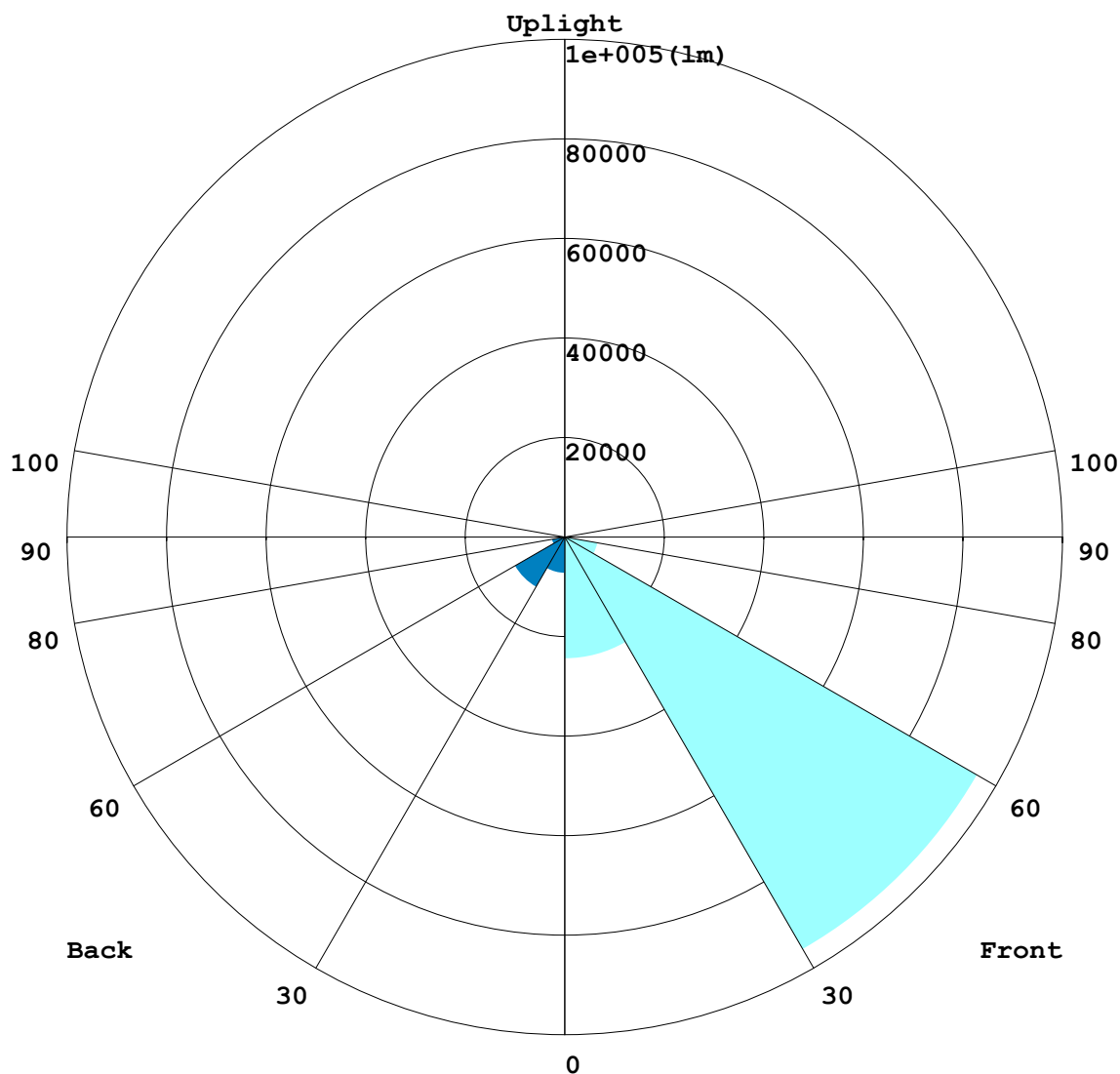
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity: 65.0%
Test Distance: 26.000m [K=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:227.6V I:5.270A P:1194.8W PF:0.996 Freq:50.01Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:148076x1 lm		
NAME: SP04-1K2-5770-F04001X-L39	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:2023-05-02

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:227.6V I:5.270A P:1194.8W PF:0.996 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:148076x1 lm		
NAME: SP04-1K2-5770-F04001X-L39	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	24355	16.4
FM - Front-Medium(30-60)	95600	64.6
FH - Front-High(60-80)	6637.2	4.5
FVH - Front-Very High(80-90)	53.375	0.0
Total Forward Light	1.2665e+005	85.5

BL - Back-Low(0-30)	7179.5	4.8
BM - Back-Medium(30-60)	11530	7.8
BH - Back-High(60-80)	2587.3	1.7
BVH - Back-Very High(80-90)	133.91	0.1
Total Back Light	21430	14.5

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	21430	0	21430
Street Side	1.2665e+005	0	1.2665e+005

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:LYJ
Test Date:2023-05-02

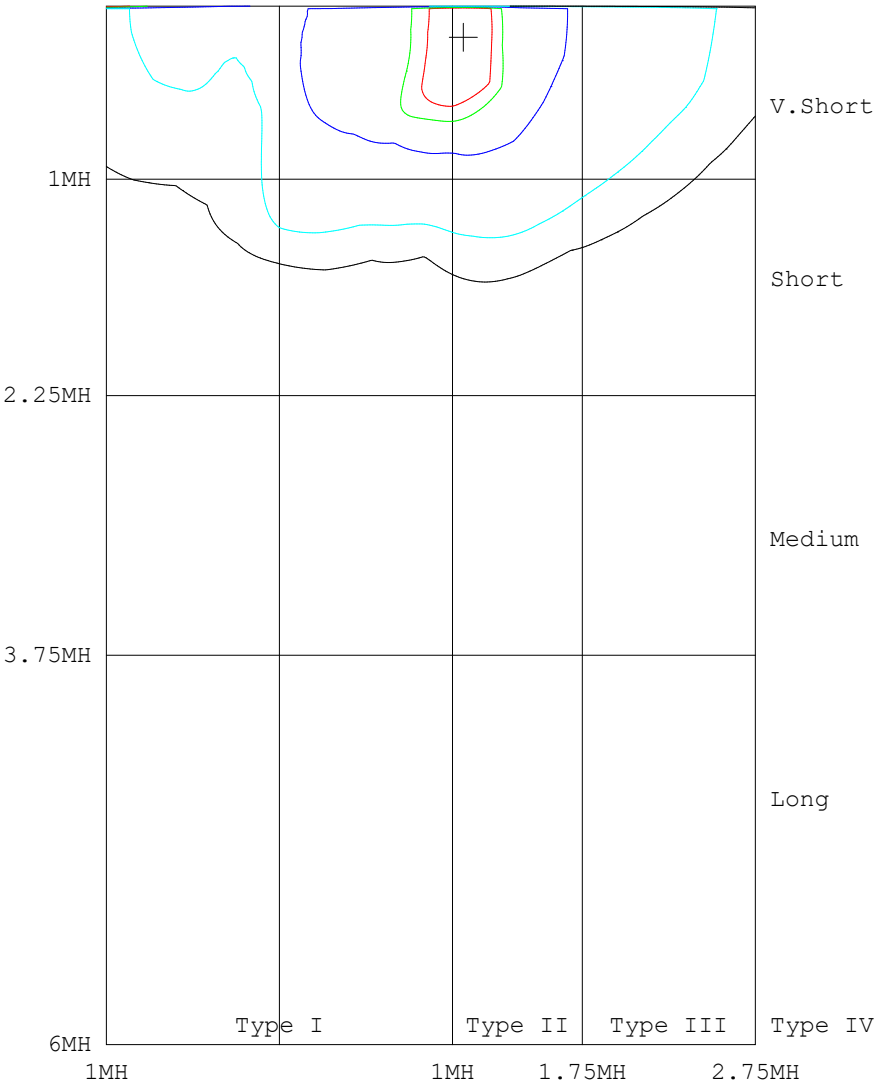
γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4556]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:227.6V I:5.270A P:1194.8W PF:0.996 Freq:50.01Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:148076x1 lm		
NAME: SP04-1K2-5770-F04001X-L39	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:2023-05-02

Pavement

70% 1.9472e+005
50% 1.3909e+005

Road

55.035 90DEG
0.5DEG

Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.465
Humidity:65.0%
Test Distance:26.000m [K=0.4556]
Remarks: