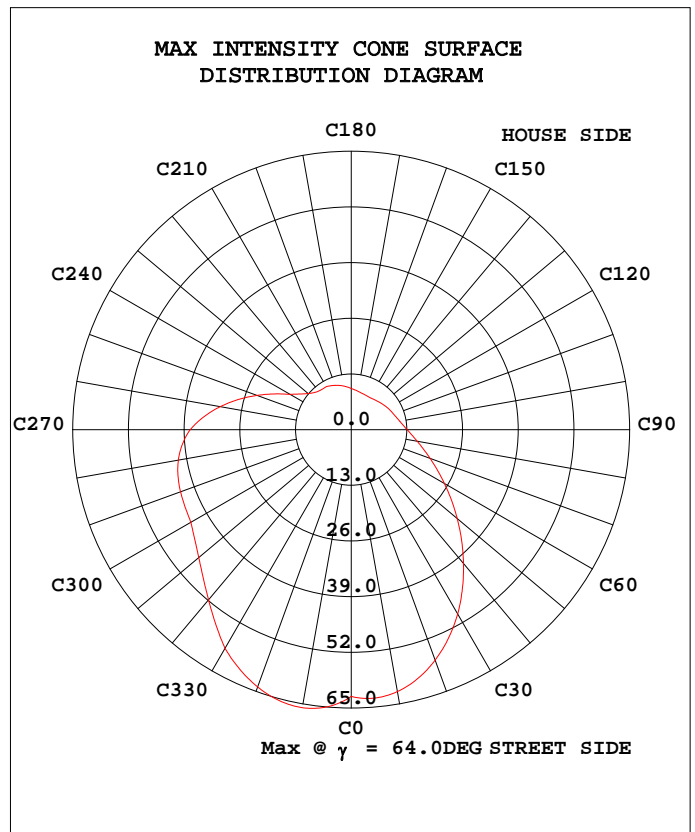
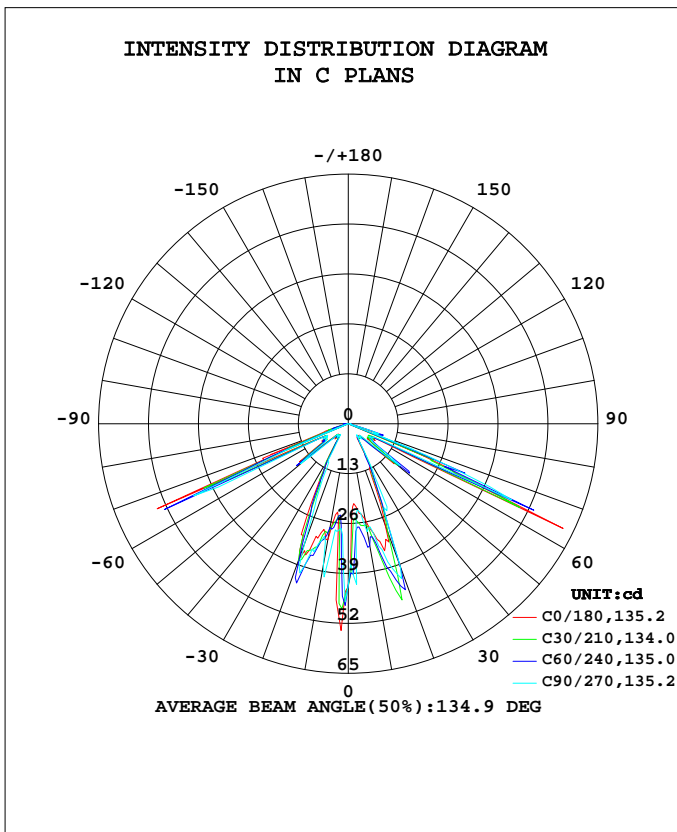


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:220.15V I:0.0489A P:2.6499W PF:0.2461 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:57.6804x1 lm		
NAME: LARGE CLEAR GLOBE RGBW 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: /	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 21.77 lm/W			
MODEL		I _{max} (cd)	62.25	η street_up(%)	0.0
NOMINAL POWER(W)	2.4	LOR(%)	100.0	η street_down(%)	58.8
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	57.68	η house_up(%)	0.0
NOMINAL FLUX(lm)	57.6804	MAXIMUM @(C,γ)	0,64.0	η house_down(%)	41.2
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)		η down(%)	100.0	SLI	

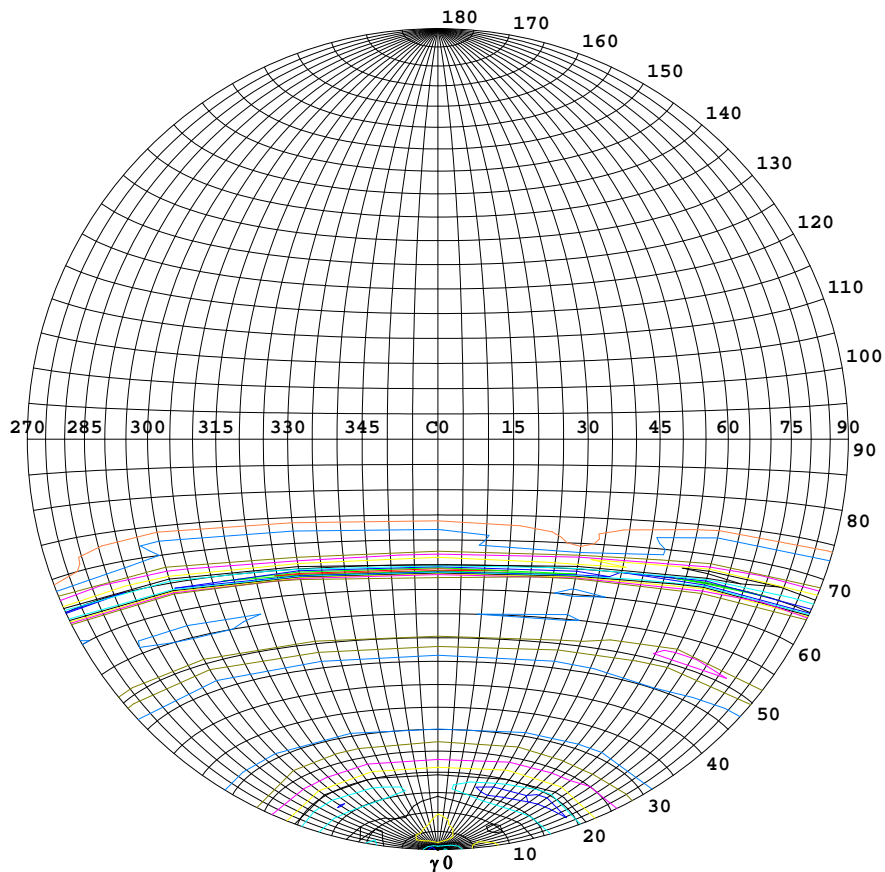


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:24.3℃
Operators:0
Test Date:2025-09-30

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
Humidity:42%
Test Distance:14.700m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:220.15V I:0.0489A P:2.6499W PF:0.2461 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:57.6804x1 lm		
NAME: LARGE CLEAR GLOBE RGBW 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: /	SUR.:	Shielding Angle:



Classification:

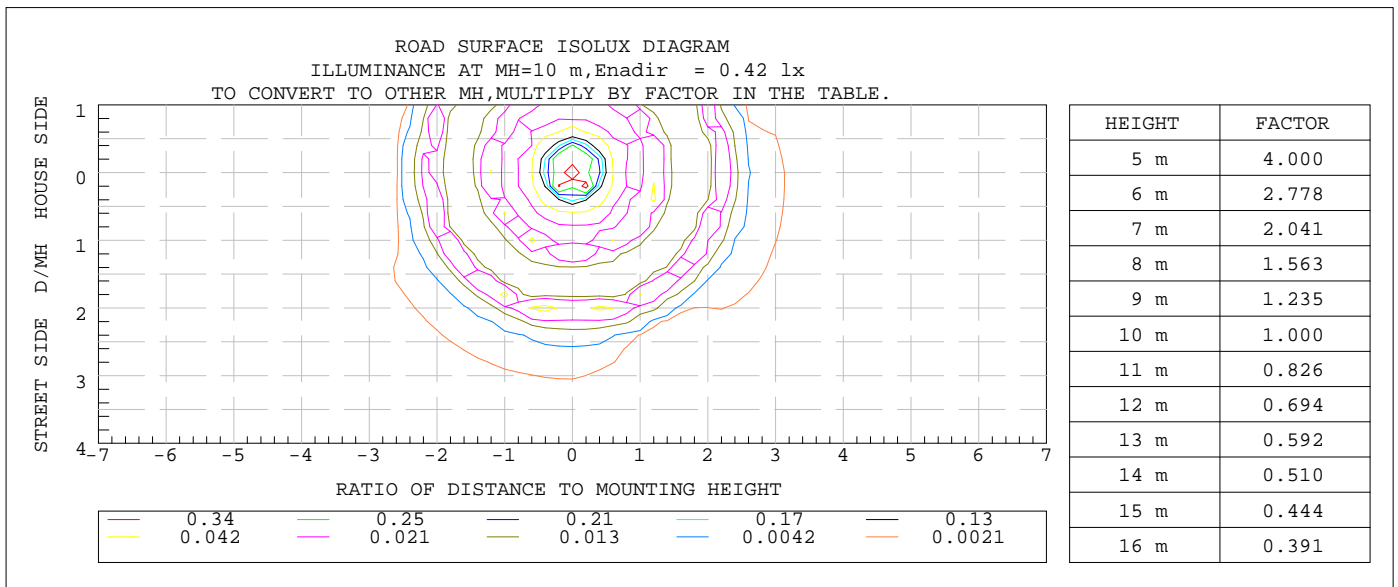
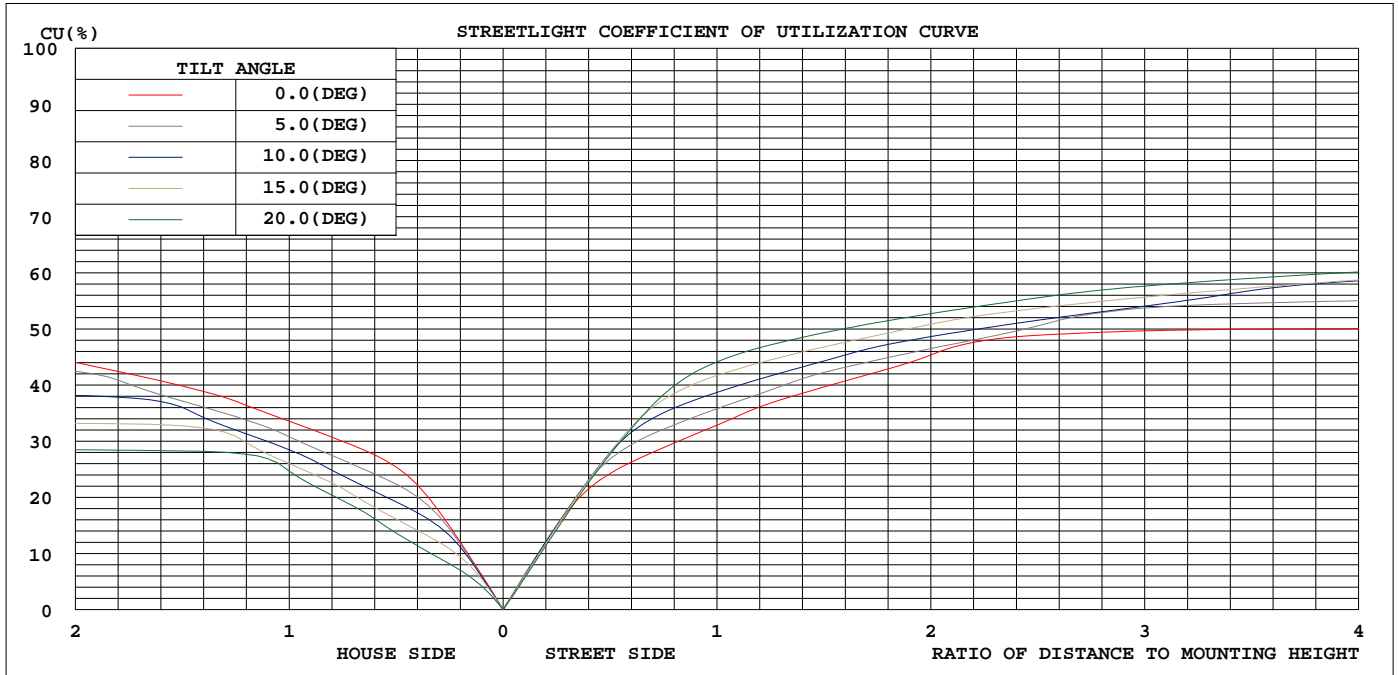
IES:Type VS - Short
CIE:Broad - Intermediate
IES:Cut-off
CIE:Semi-cut-off
Max.At80:12.06cd/klm
Max.At90:21.07cd/klm
Max.80-90:22.43cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	62
90%	56
80%	50
70%	44
60%	37
50%	31
40%	25
30%	19
20%	12
10%	6
5%	3

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:24.3°C
Operators:0
Test Date:2025-09-30

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
Humidity:42%
Test Distance:14.700m [K=1.0000]
Remarks:

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 24.3°C
Operators: 0
Test Date: 2025-09-30

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.473
Humidity: 42%
Test Distance: 14.700m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:220.15V I:0.0489A P:2.6499W PF:0.2461 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:57.6804x1 lm		
NAME: LARGE CLEAR GLOBE RGBW 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: /	SUR.:	Shielding Angle:

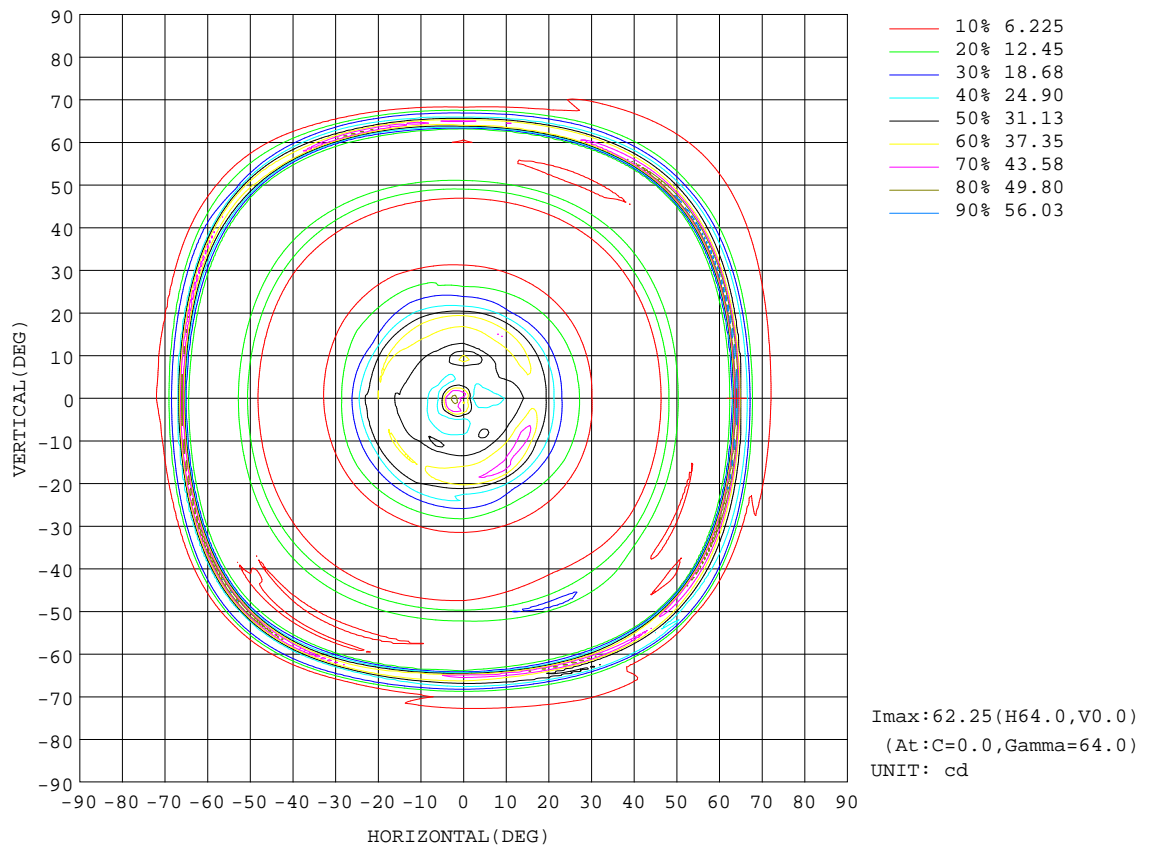
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	25.23	29.60	28.53	26.18	30.59	27.86	37.59	30.88	0- 10	2.729	2.729	4.73,4.73
20	28.30	34.95	39.78	36.00	37.39	37.59	33.57	31.62	10- 20	9.869	12.60	21.8,21.8
30	6.324	7.648	8.373	10.25	11.22	10.78	7.907	7.155	20- 30	8.684	21.28	36.9,36.9
40	4.097	4.498	4.882	4.452	4.729	4.819	4.274	4.314	30- 40	3.113	24.40	42.3,42.3
50	14.36	15.46	13.61	11.47	9.431	13.39	16.26	16.86	40- 50	4.929	29.32	50.8,50.8
60	7.640	6.433	7.465	6.575	7.443	6.541	6.192	7.082	50- 60	7.807	37.13	64.4,64.4
70	8.013	5.507	6.970	3.240	8.125	4.751	2.007	6.782	60- 70	17.49	54.62	94.7,94.7
80	0.6957	0.3702	0.5101	0.4452	0.5320	0.5299	0.2884	0.5122	70- 80	2.507	57.12	99,99
90	0.9548	0.4601	0.4687	0.4601	0	0.5469	0.1736	0.8854	80- 90	0.5554	57.68	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:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:24.3℃
Operators:0
Test Date:2025-09-30

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
Humidity:42%
Test Distance:14.700m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

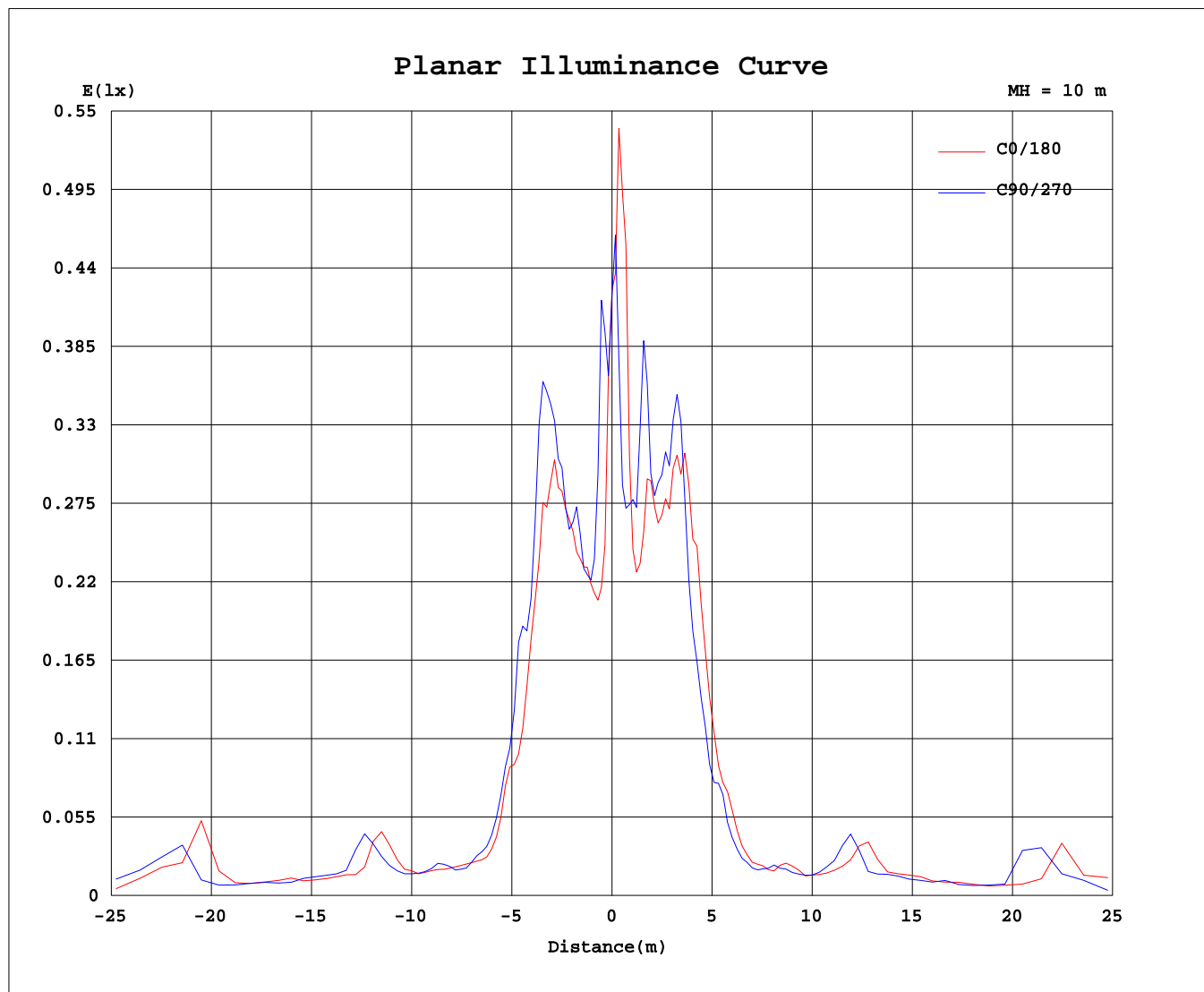
Test:U:220.15V I:0.0489A P:2.6499W PF:0.2461 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:57.6804x1 lm		
NAME: LARGE CLEAR GLOBE RGBW 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: /	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:24.3°C
Operators:0
Test Date:2025-09-30

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
Humidity:42%
Test Distance:14.700m [K=1.0000]
Remarks:

Planar Illuminance Curve



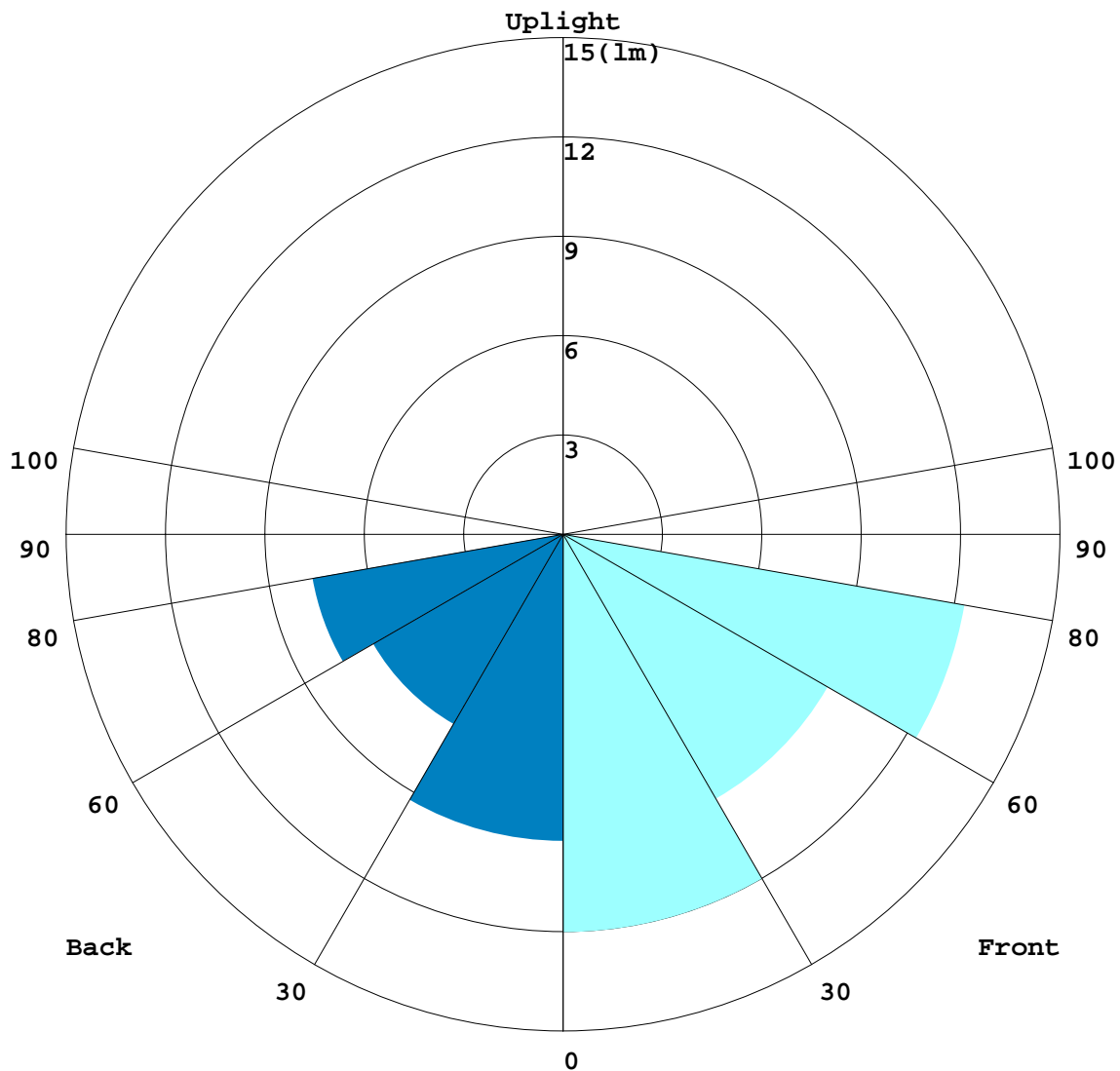
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 24.3°C
Operators: 0
Test Date: 2025-09-30

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.473
Humidity: 42%
Test Distance: 14.700m [K=1.0000]
Remarks:

LCS REPORT

Test:U:220.15V I:0.0489A P:2.6499W PF:0.2461 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:57.6804x1 lm		
NAME: LARGE CLEAR GLOBE RGBW 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: /	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:24.3℃
Operators:0
Test Date:2025-09-30

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
Humidity:42%
Test Distance:14.700m [K=1.0000]
Remarks:

BUG REPORT

Test:U:220.15V I:0.0489A P:2.6499W PF:0.2461 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:57.6804x1 lm		
NAME: LARGE CLEAR GLOBE RGBW 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: /	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	12.02	20.8
FM - Front-Medium(30-60)	9.2328	16.0
FH - Front-High(60-80)	12.315	21.4
FVH - Front-Very High(80-90)	0.33271	0.6
Total Forward Light	33.9	58.8

BL - Back-Low(0-30)	9.2634	16.1
BM - Back-Medium(30-60)	6.6156	11.5
BH - Back-High(60-80)	7.6784	13.3
BVH - Back-Very High(80-90)	0.22271	0.4
Total Back Light	23.78	41.2

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	B0-U0-G0
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	23.78	0	23.78
Street Side	33.9	0	33.9

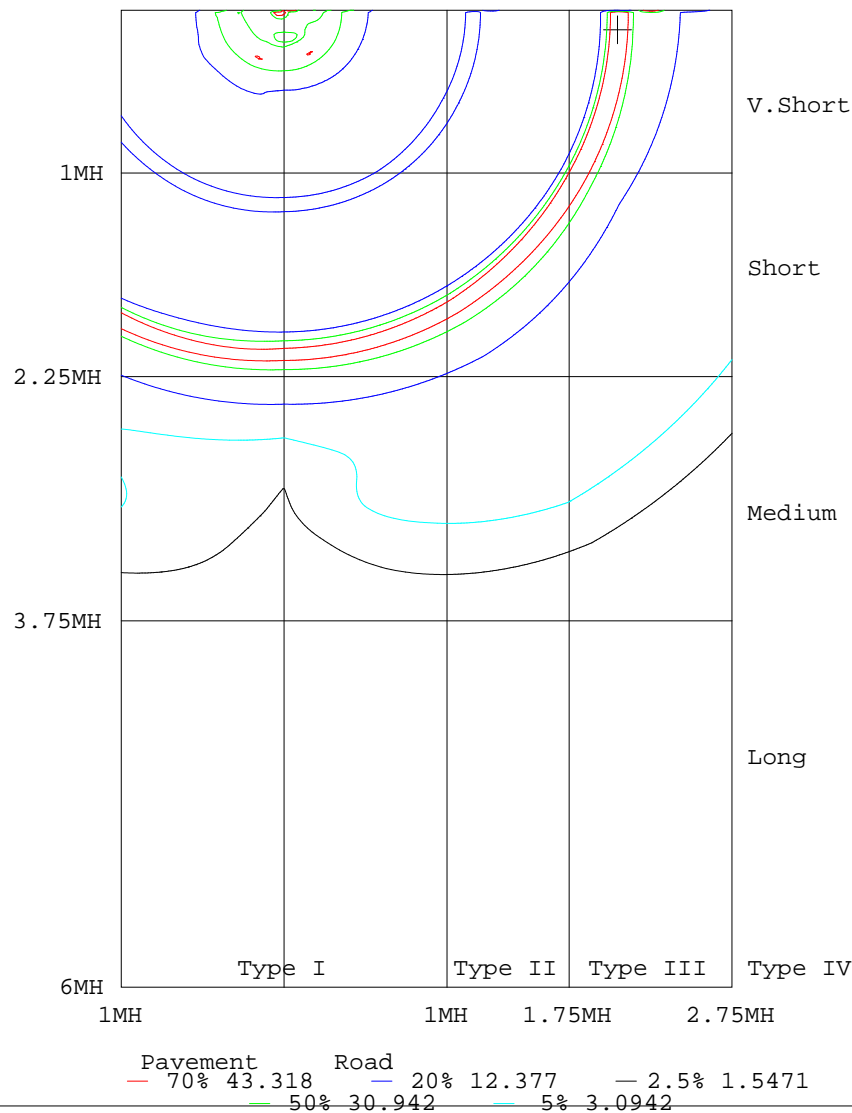
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:24.3℃
Operators:0
Test Date:2025-09-30

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
Humidity:42%
Test Distance:14.700m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:220.15V I:0.0489A P:2.6499W PF:0.2461 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:57.6804x1 lm		
NAME: LARGE CLEAR GLOBE RGBW 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: /	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:24.3°C
Operators:0
Test Date:2025-09-30

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
Humidity:42%
Test Distance:14.700m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.15V I:0.0489A P:2.6499W PF:0.2461 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:57.6804xl lm		
NAME: LARGE CLEAR GLOBE RGBW 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: /	SUR.:	Shielding Angle:

Table--1

UNIT: cd

[illegible]

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 24.3°C
Operators: 0
Test Date: 2025-09-30

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
Humidity:42%
Test Distance:14.700m [K=1.0000]
Remarks:

```