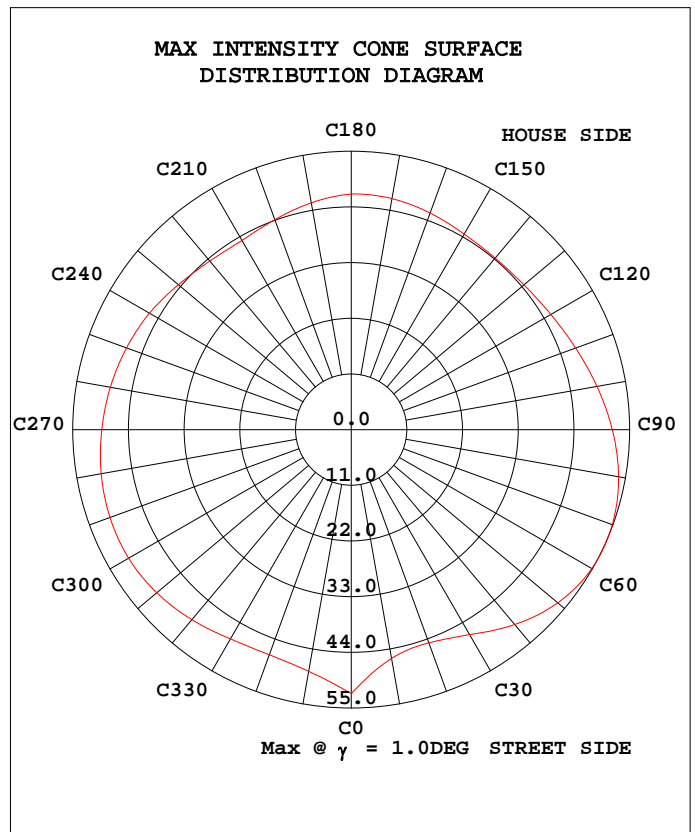
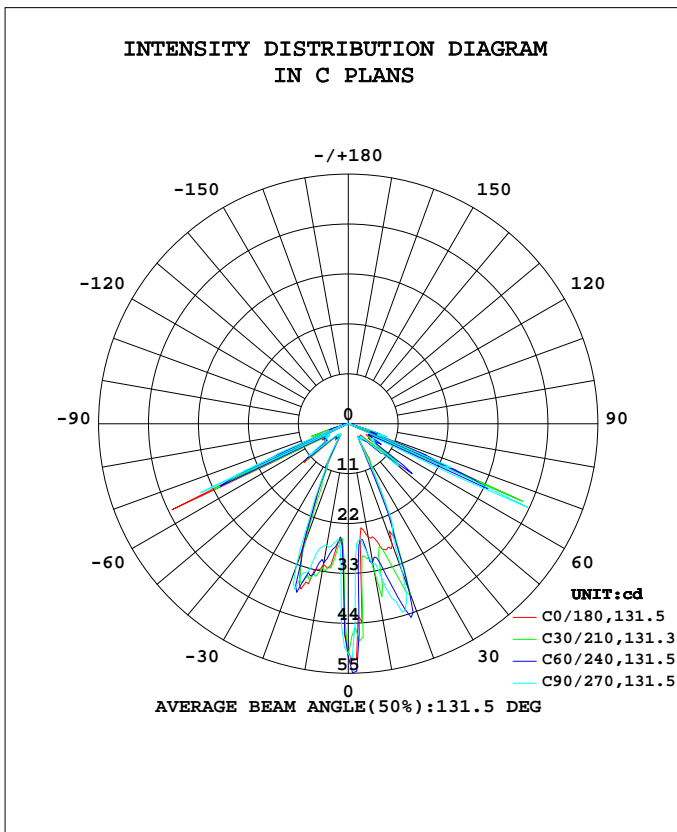


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:220.16V I:0.0496A P:2.7079W PF:0.2480 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:49.7259x1 lm		
NAME: LARGE CLEAR GLOBE RGBW 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: /	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 18.36 lm/W			
MODEL		Imax(cd)	54.88	η street_up(%)	0.0
NOMINAL POWER(W)	2.4	LOR(%)	100.0	η street_down(%)	58.3
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	49.73	η house_up(%)	0.0
NOMINAL FLUX(lm)	49.7259	MAXIMUM @(C, γ)	60,1.0	η house_down(%)	41.7
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)		η down(%)	100.0	SLI	

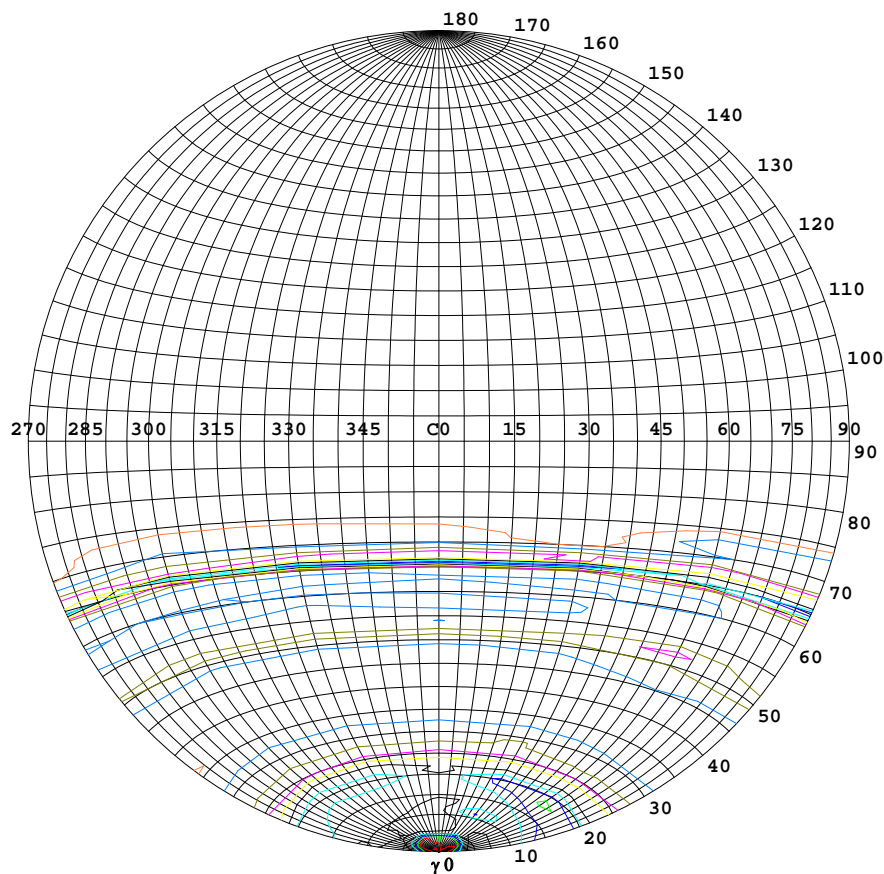


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:24.3℃
Operators:0
Test Date:2025-09-30

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:220.16V I:0.0496A P:2.7079W PF:0.2480 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:49.7259x1 lm		
NAME: LARGE CLEAR GLOBE RGBW 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: /	SUR.:	Shielding Angle:



Classification:

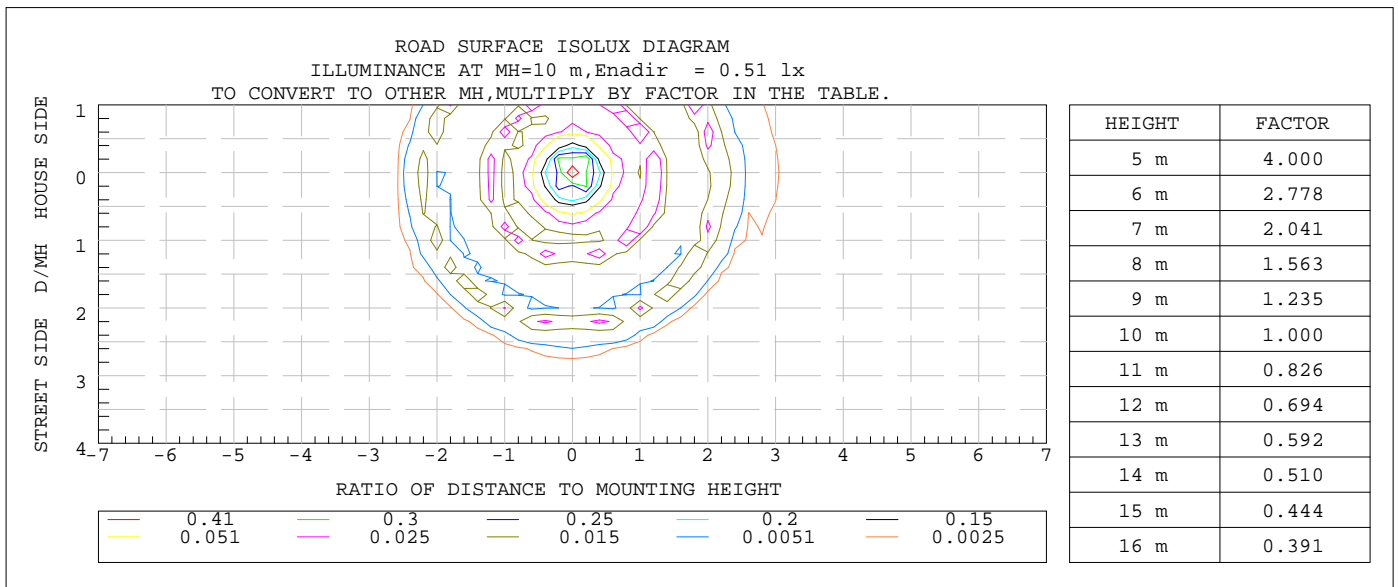
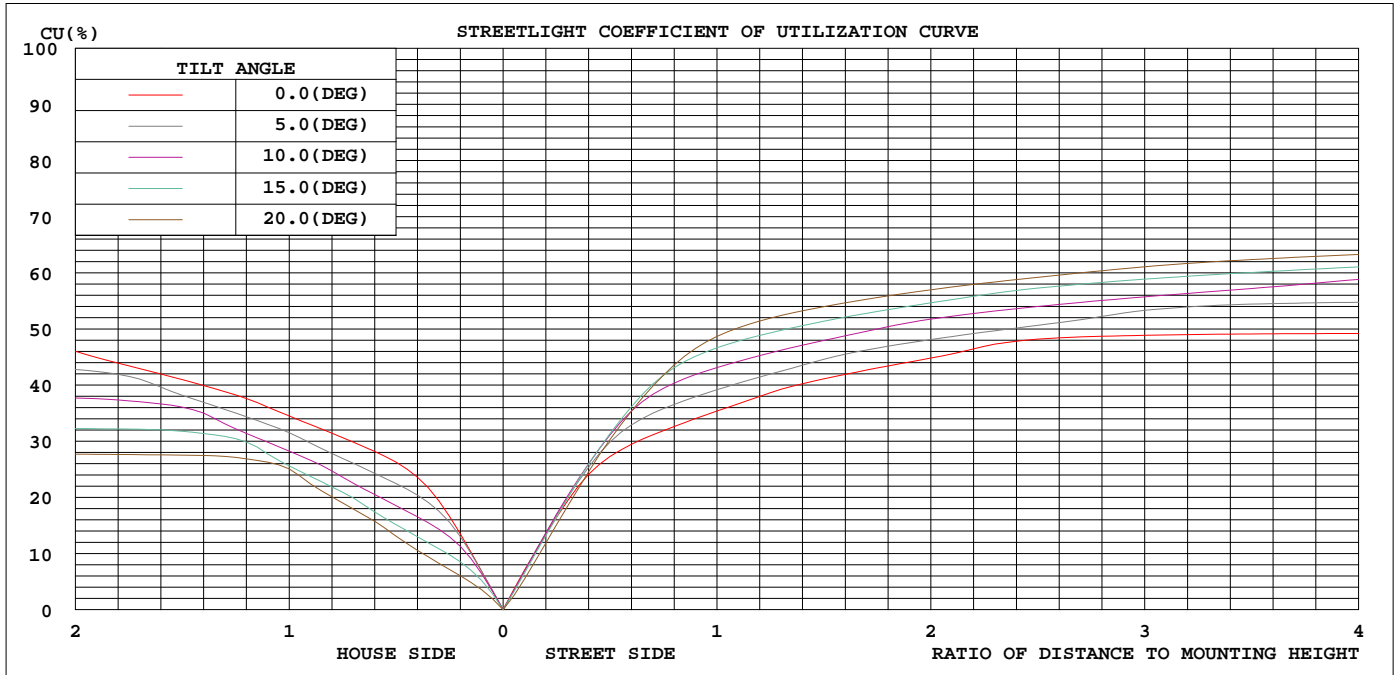
IES:Type III - Very Short
CIE:Narrow - Short
IES:Cut-off
CIE:Semi-cut-off
Max.At80:10.83cd/klm
Max.At90:18.85cd/klm
Max.80-90:28.38cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	55
90%	49
80%	44
70%	38
60%	33
50%	27
40%	22
30%	16
20%	11
10%	5
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:220.16V I:0.0496A P:2.7079W PF:0.2480 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:49.7259x1 lm		
NAME: LARGE CLEAR GLOBE RGBW 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: /	SUR.:	Shielding Angle:

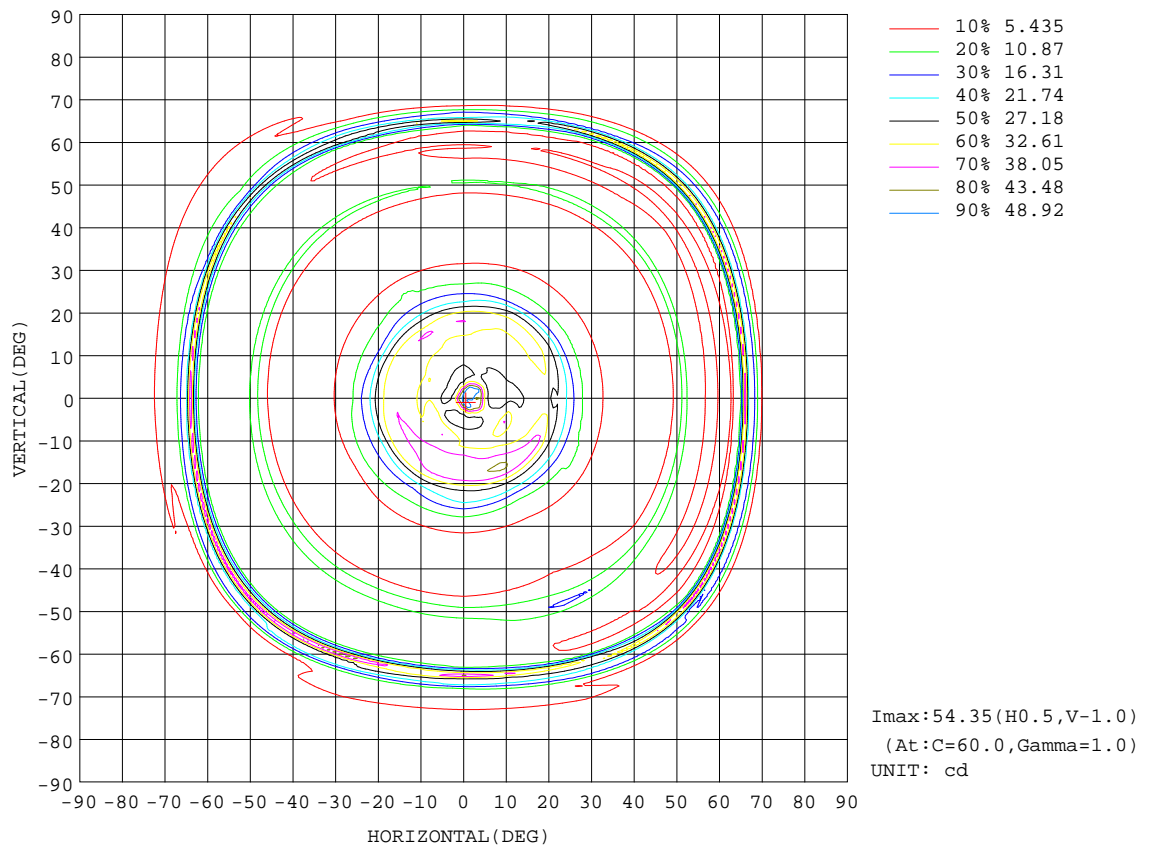
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	$\%lum, lamp$
10	25.41	31.86	31.65	35.65	31.45	31.64	27.28	27.43	0- 10	2.942	2.942	5.92,5.92
20	28.39	39.70	34.78	32.20	30.61	28.89	33.66	37.35	10- 20	9.668	12.61	25.4,25.4
30	9.864	7.949	7.333	5.681	5.839	5.981	7.925	9.483	20- 30	7.768	20.38	41,41
40	3.731	3.965	4.789	4.521	3.812	3.732	3.853	3.588	30- 40	2.750	23.13	46.5,46.5
50	7.521	9.764	14.36	12.82	11.62	11.58	10.46	6.980	40- 50	4.245	27.37	55,55
60	5.908	5.400	6.650	5.772	6.038	5.516	4.937	5.523	50- 60	6.451	33.82	68,68
70	4.849	3.769	6.859	4.466	6.860	5.091	2.441	5.363	60- 70	13.25	47.08	94.7,94.7
80	0.4351	0.3753	0.4117	0.2344	0.2845	0.4604	0.2605	0.3214	70- 80	2.203	49.28	99.1,99.1
90	0.4514	0.5382	0.2604	0.4340	0	0.5555	0.1562	0.4340	80- 90	0.4442	49.73	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

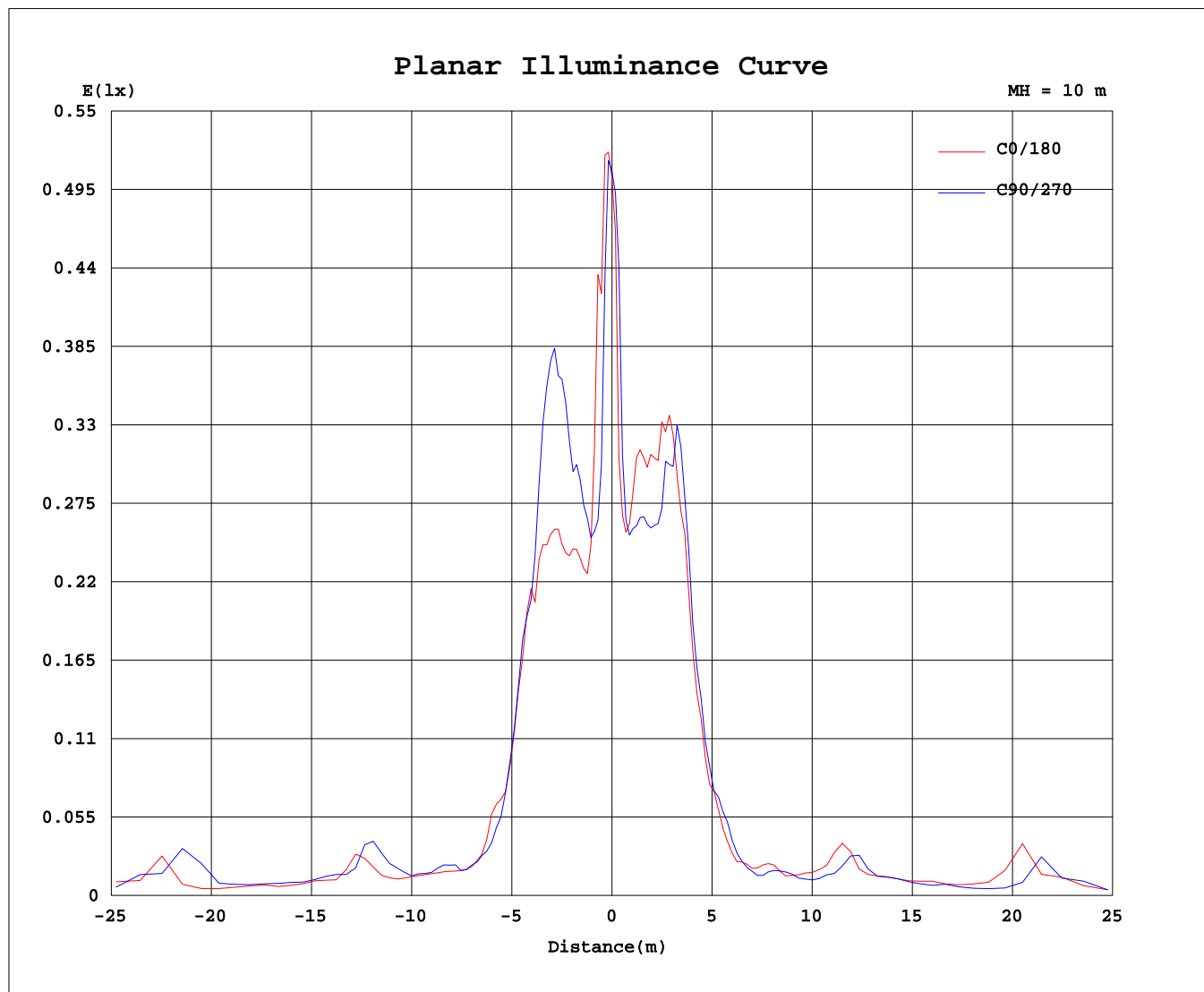
Test:U:220.16V I:0.0496A P:2.7079W PF:0.2480 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:49.7259x1 lm		
NAME: LARGE CLEAR GLOBE RGBW 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: /	SUR.:	Shielding Angle:



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



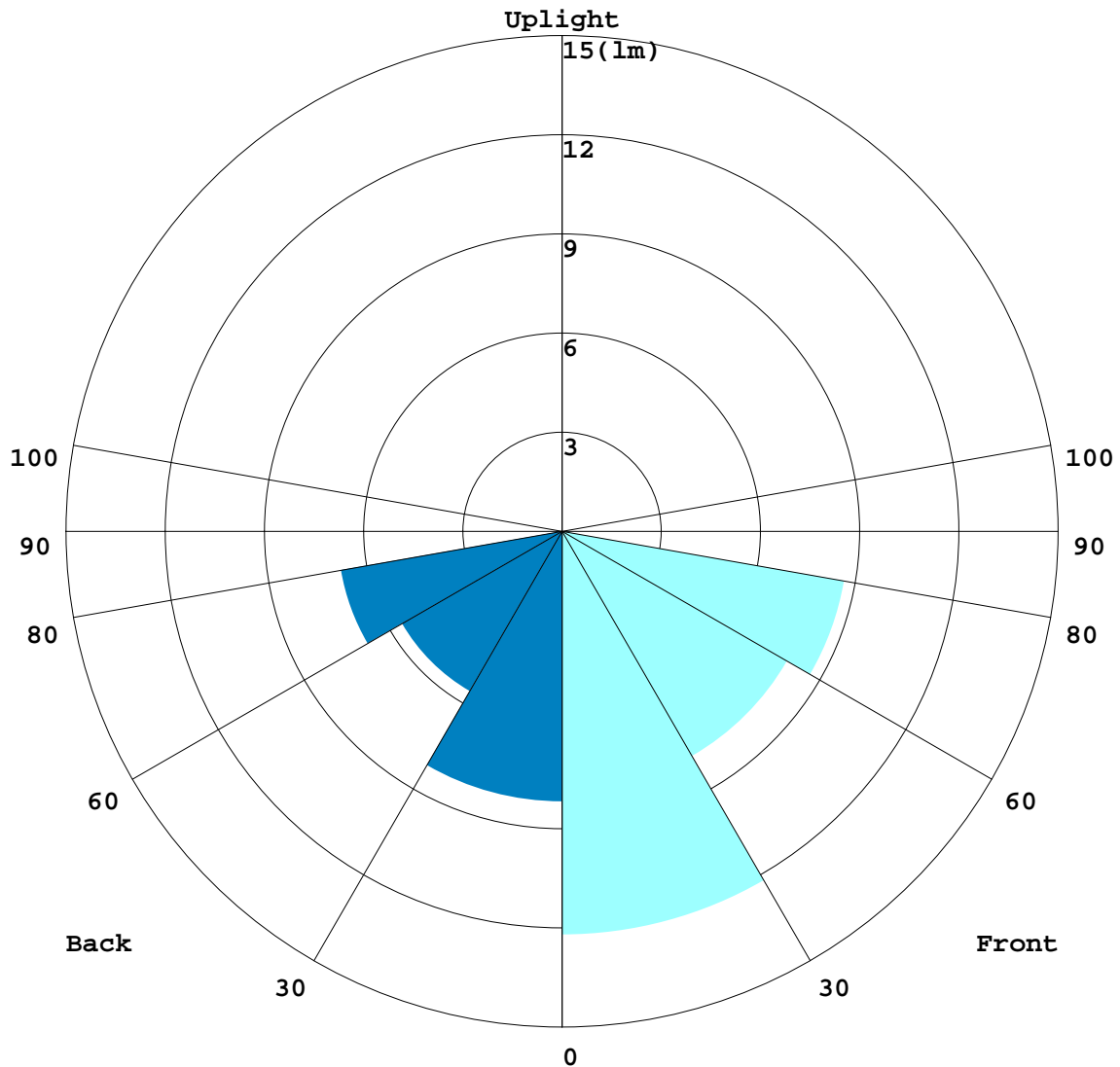
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 24.3°C
Operators: 0
Test Date: 2025-09-30

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:220.16V I:0.0496A P:2.7079W PF:0.2480 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:49.7259x1 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:220.16V I:0.0496A P:2.7079W PF:0.2480 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:49.7259x1 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)	12.201	24.5
FM - Front-Medium(30-60)	7.8592	15.8
FH - Front-High(60-80)	8.6656	17.4
FVH - Front-Very High(80-90)	0.25092	0.5
Total Forward Light	28.977	58.3

BL - Back-Low(0-30)	8.1769	16.4
BM - Back-Medium(30-60)	5.5874	11.2
BH - Back-High(60-80)	6.7913	13.7
BVH - Back-Very High(80-90)	0.19333	0.4
Total Back Light	20.749	41.7

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	20.749	0	20.749
Street Side	28.977	0	28.977

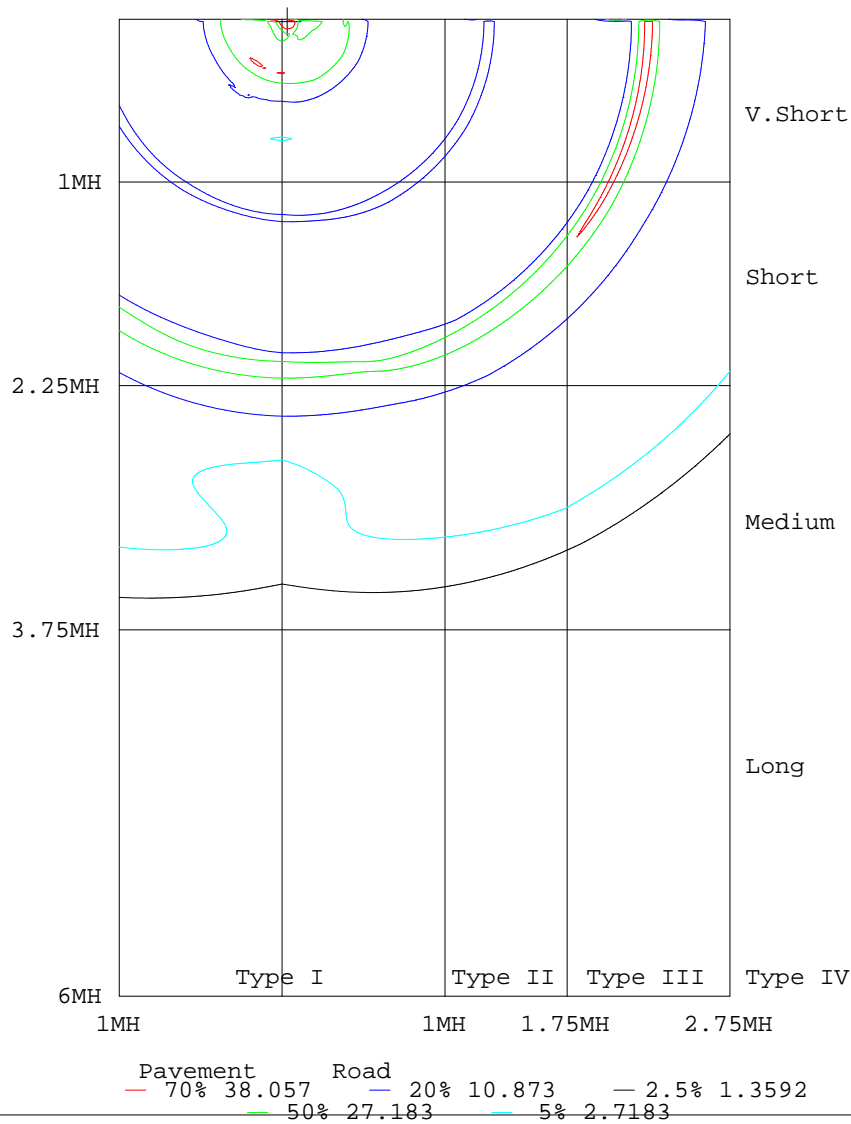
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:24.3℃
Operators:0
Test Date:2025-09-30

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:220.16V I:0.0496A P:2.7079W PF:0.2480 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:49.7259x1 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:

Test:U:220.16V I:0.0496A P:2.7079W PF:0.2480 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:49.7259x1 lm		
NAME: LARGE CLEAR GLOBE RGBW 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: /	SUR.:	Shielding Angle:

UNIT: cd

[illegible]

```

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:

```