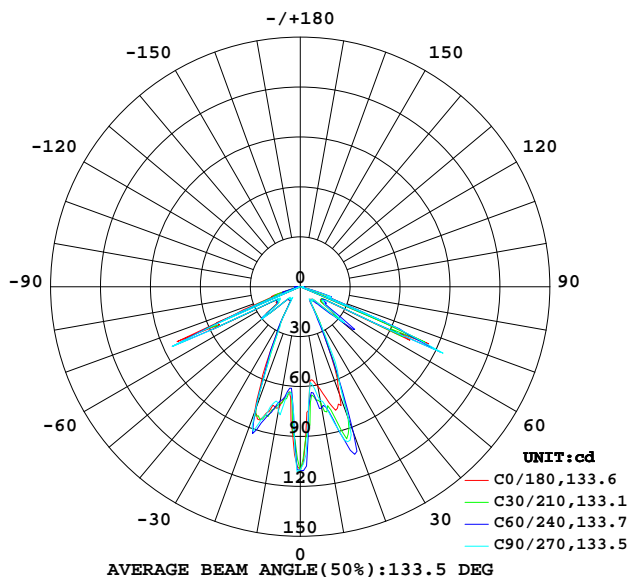
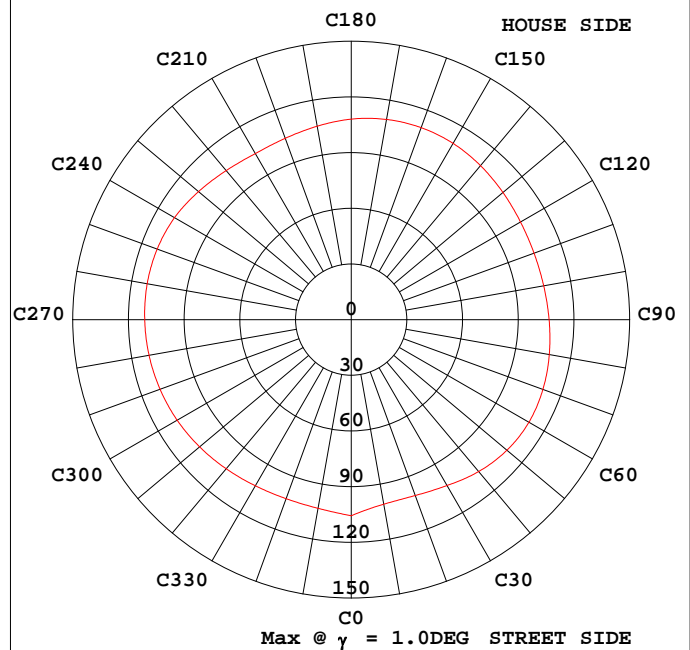


## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:220.11V I:0.0621A P:3.8077W PF:0.2785 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:130.705x1 lm		
NAME: LARGE CLEAR GLOBE RGBW 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: /	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 34.33 lm/W			
MODEL		Imax(cd)	111.3	$\eta$ street_up(%)	0.0
NOMINAL POWER(W)	2.4	LOR(%)	100.0	$\eta$ street_down(%)	59.0
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	130.7	$\eta$ house_up(%)	0.0
NOMINAL FLUX(lm)	130.705	MAXIMUM @(C, $\gamma$ )	270,1.0	$\eta$ house_down(%)	41.0
LAMPS INSIDE	1	$\eta$ up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)		$\eta$ down(%)	100.0	SLI	

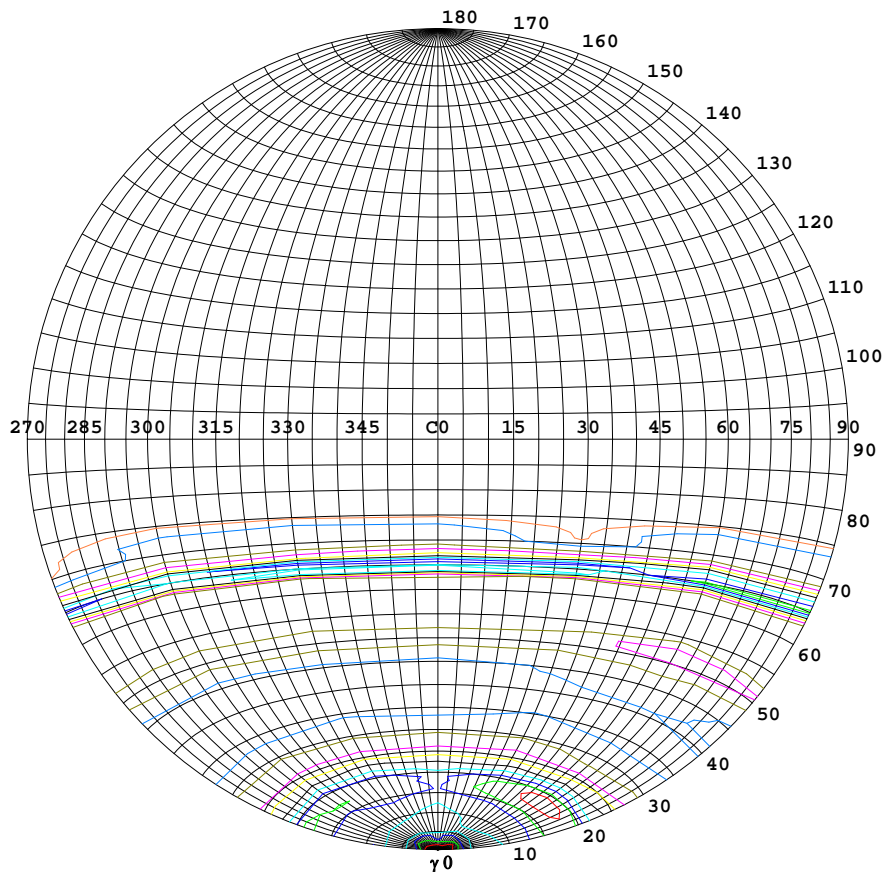
INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANSMAX INTENSITY CONE SURFACE  
DISTRIBUTION DIAGRAM

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

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  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:220.11V I:0.0621A P:3.8077W PF:0.2785 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:130.705x1 lm		
NAME: LARGE CLEAR GLOBE RGBW 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: /	SUR.:	Shielding Angle:



Classification:

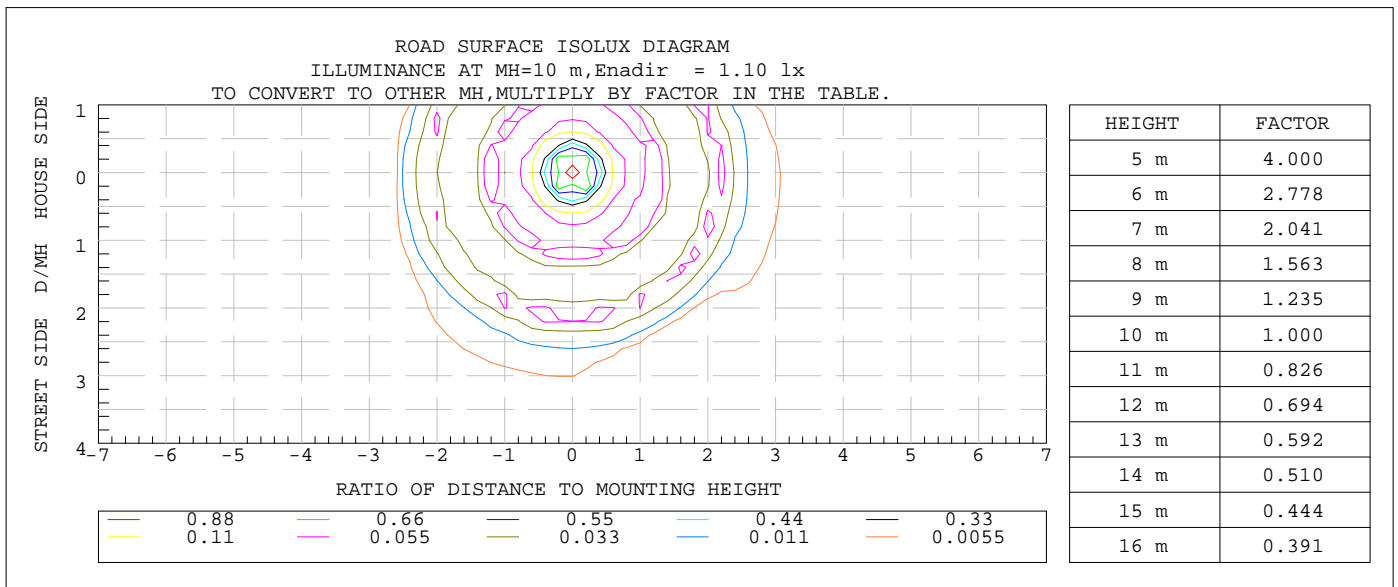
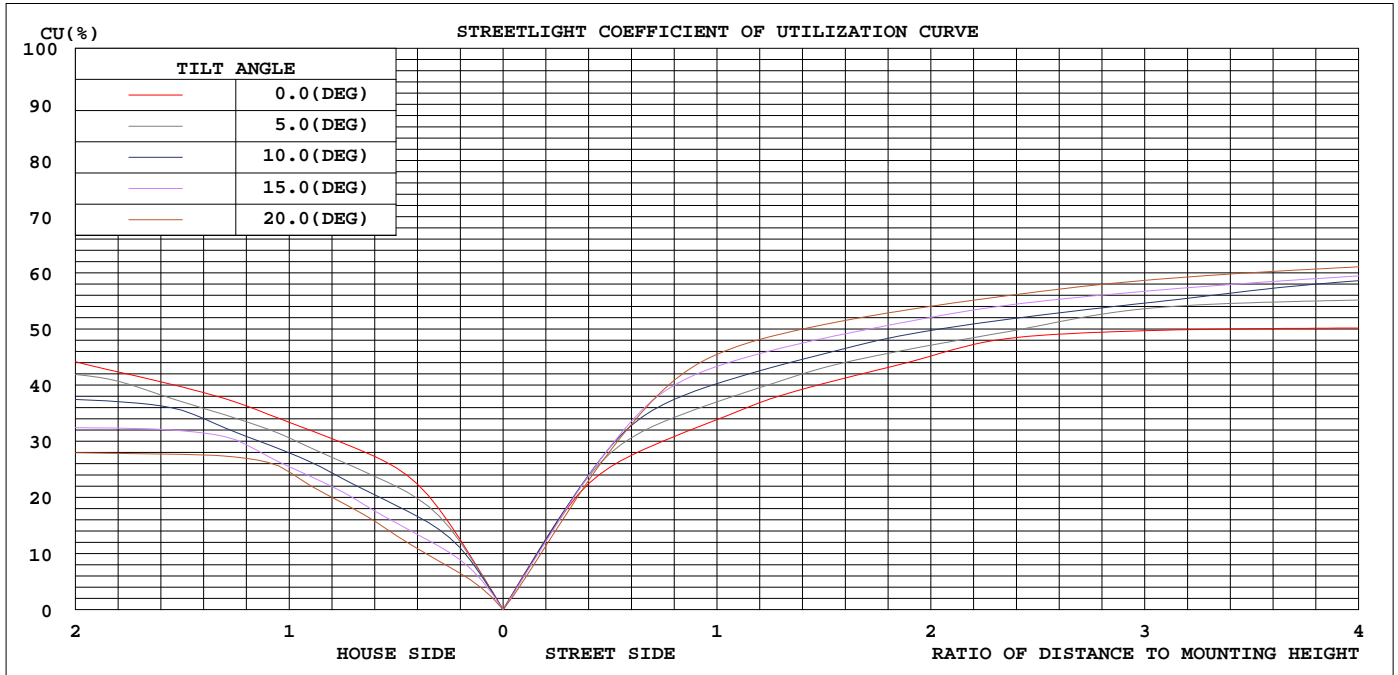
IES:Type V - Very Short  
CIE:Narrow - Short  
IES:Cut-off  
CIE:Semi-cut-off  
Max.At80:13.45cd/klm  
Max.At90:22.98cd/klm  
Max.80-90:27.82cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I <sub>max</sub> =100%	111
90%	100
80%	89
70%	78
60%	67
50%	56
40%	45
30%	33
20%	22
10%	11
5%	6

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:220.11V I:0.0621A P:3.8077W PF:0.2785 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:130.705x1 lm		
NAME: LARGE CLEAR GLOBE RGBW 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: /	SUR.:	Shielding Angle:

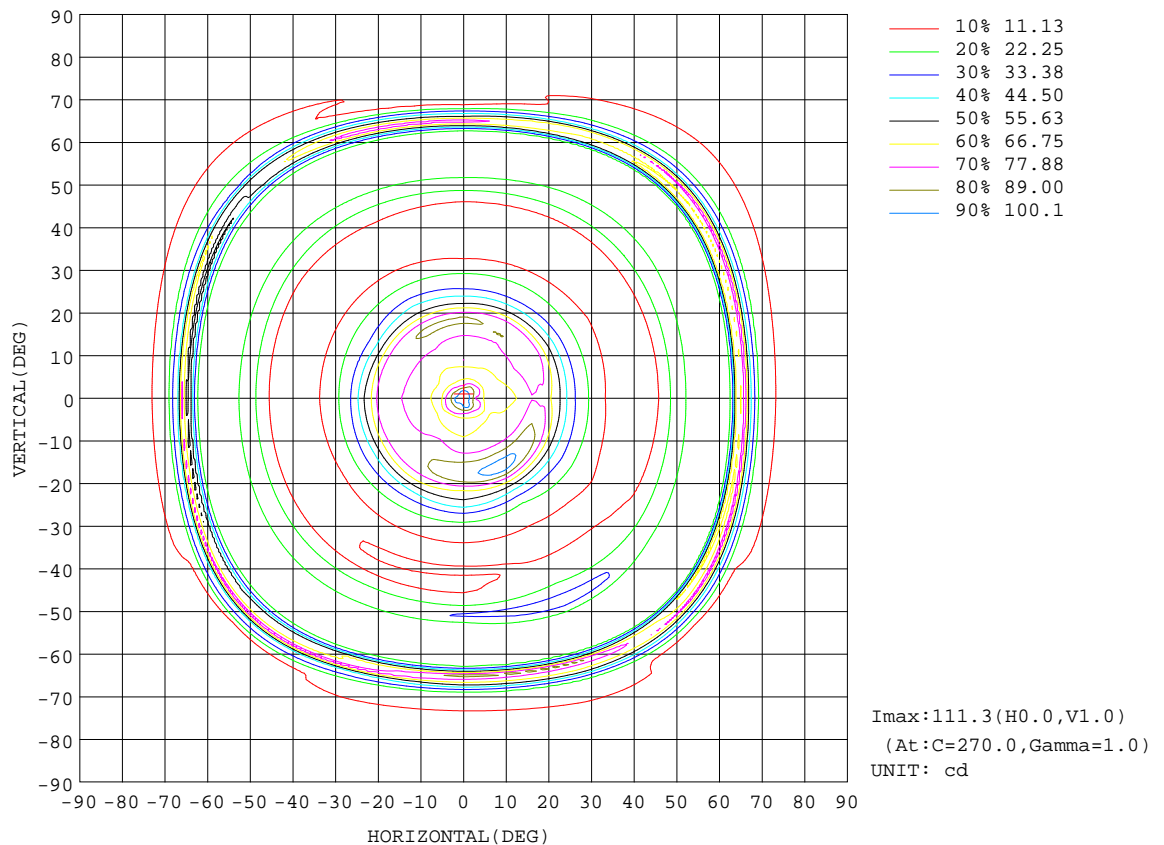
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\Phi$ lum,lamp
10	60.61	72.49	69.48	74.03	73.55	70.54	75.90	69.19	0- 10	6.726	6.726	5.15,5.15
20	69.60	88.79	85.73	80.46	80.58	77.99	79.20	82.46	10- 20	23.21	29.94	22.9,22.9
30	19.97	18.93	19.21	18.91	20.35	20.31	19.20	20.57	20- 30	19.66	49.60	37.9,37.9
40	9.791	10.58	11.77	10.87	10.67	10.32	9.898	9.995	30- 40	7.211	56.81	43.5,43.5
50	27.97	31.48	31.97	29.68	26.62	29.10	30.56	29.56	40- 50	11.21	68.02	52.52
60	16.90	14.72	16.84	15.01	16.15	15.06	13.78	16.09	50- 60	17.34	85.36	65.3,65.3
70	17.51	12.19	16.97	9.782	17.92	12.45	5.721	15.36	60- 70	37.32	122.7	93.9,93.9
80	1.757	1.281	1.302	1.210	1.583	1.562	1.031	1.346	70- 80	6.317	129.0	98.7,98.7
90	2.413	1.623	1.302	1.467	0.0521	1.840	0.8333	2.240	80- 90	1.707	130.7	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

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  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

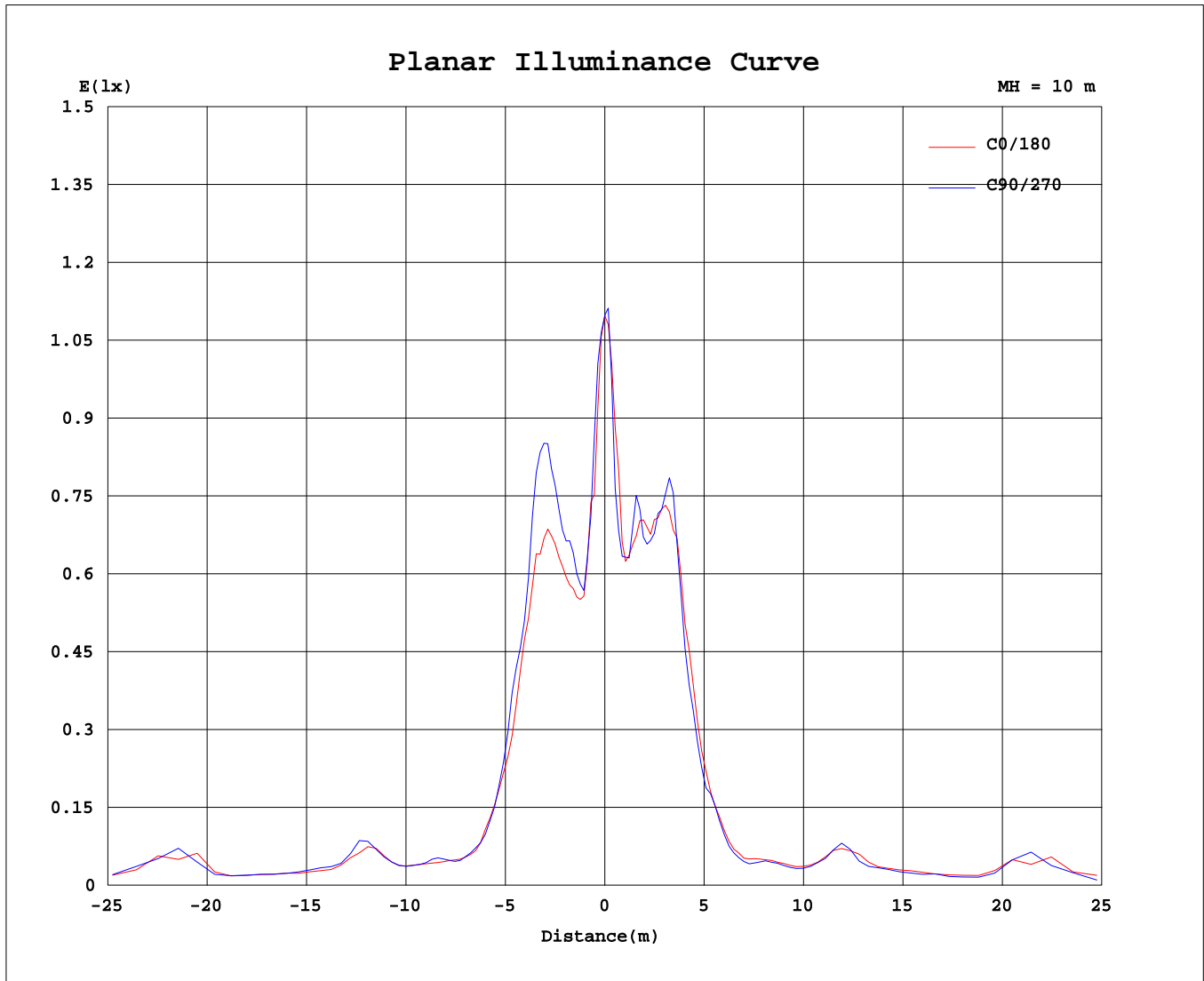
Test:U:220.11V I:0.0621A P:3.8077W PF:0.2785 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:130.705x1 lm		
NAME: LARGE CLEAR GLOBE RGBW 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: /	SUR.:	Shielding Angle:



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



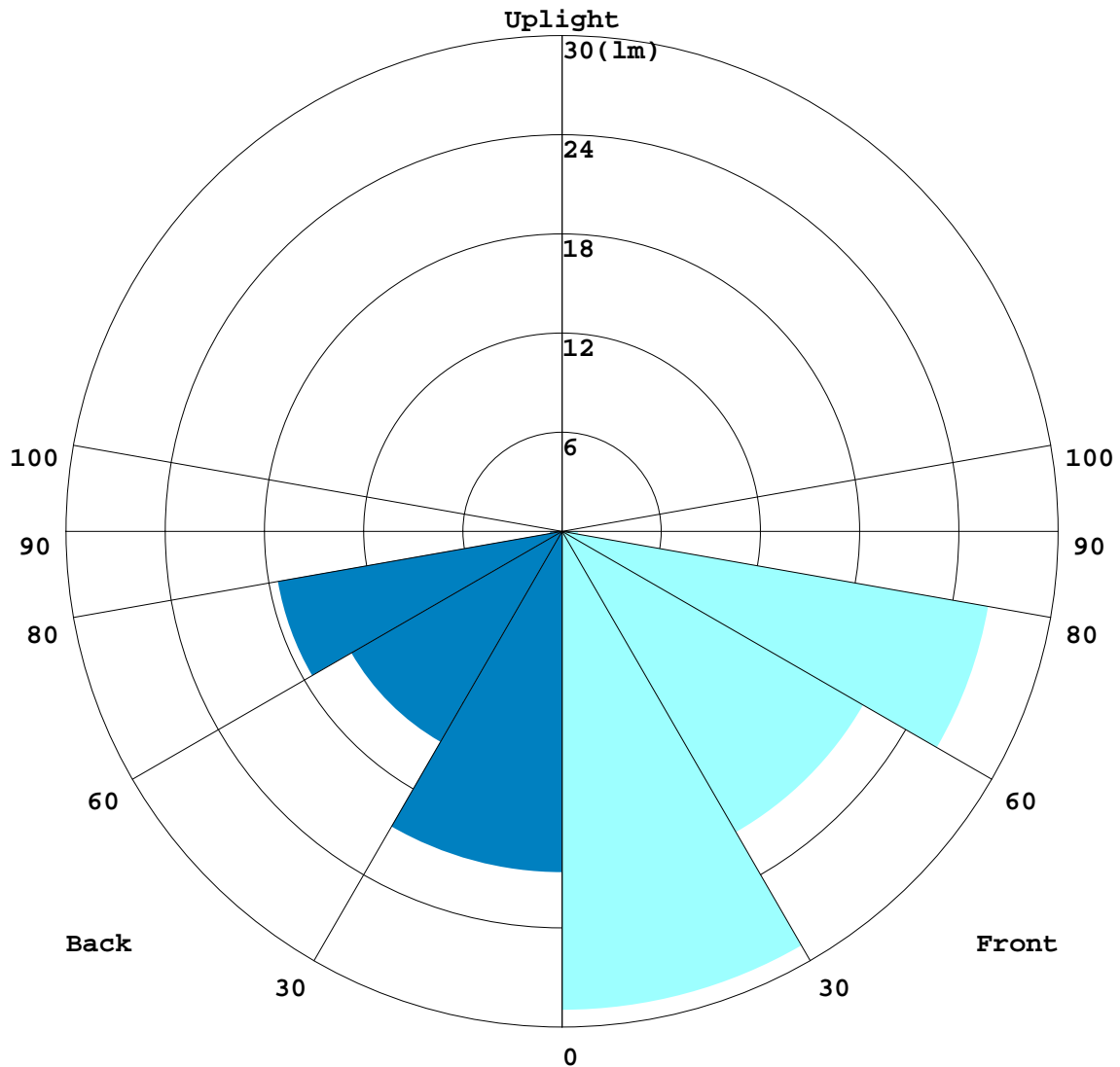
C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 24.3°C  
 Operators: 0  
 Test Date: 2025-09-30

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:220.11V I:0.0621A P:3.8077W PF:0.2785 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:130.705x1 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:220.11V I:0.0621A P:3.8077W PF:0.2785 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:130.705x1 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)	28.967	22.2
FM - Front-Medium(30-60)	21.046	16.1
FH - Front-High(60-80)	26.181	20.0
FVH - Front-Very High(80-90)	0.98395	0.8
Total Forward Light	77.178	59.0

BL - Back-Low(0-30)	20.633	15.8
BM - Back-Medium(30-60)	14.718	11.3
BH - Back-High(60-80)	17.454	13.4
BVH - Back-Very High(80-90)	0.72267	0.6
Total Back Light	53.527	41.0

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	B0-U0-G0
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	53.527	0	53.527
Street Side	77.178	0	77.178

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

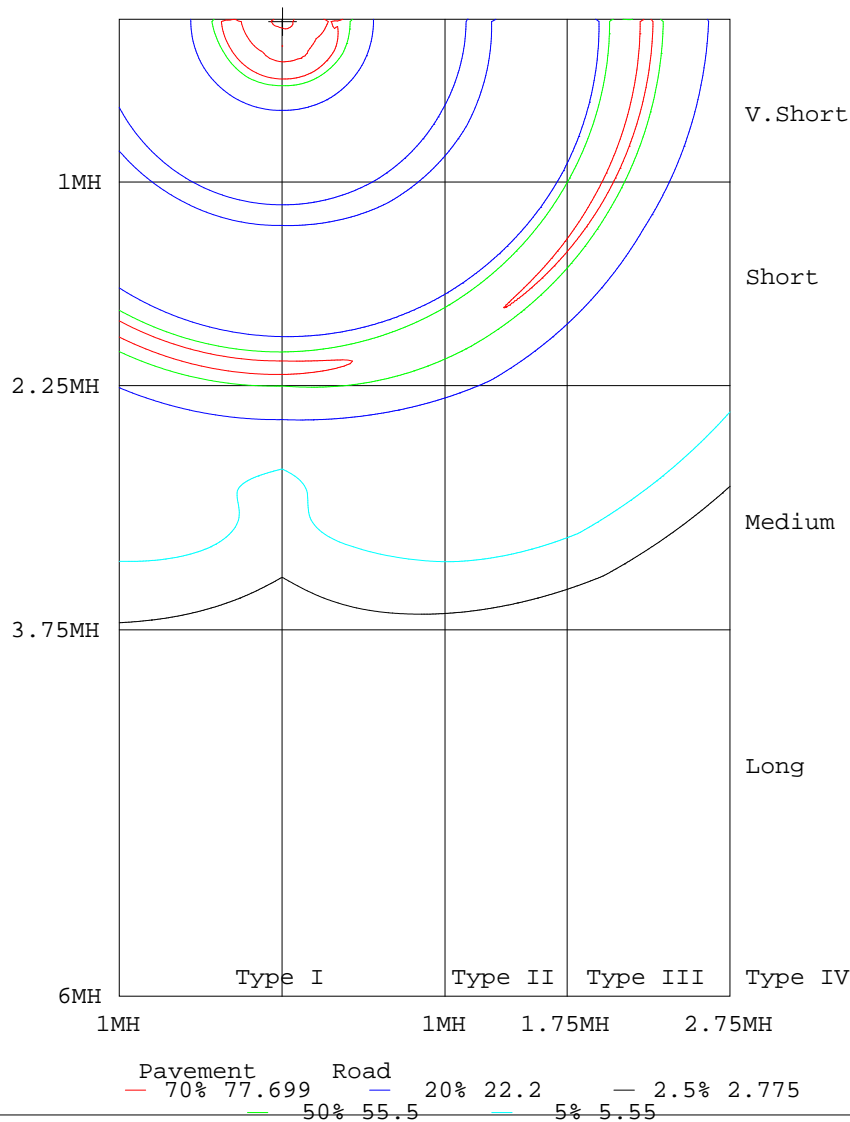
γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
Humidity:42%  
Test Distance:14.700m [K=1.0000]  
Remarks:



ROAD ISOCANDELA REPORT

Test:U:220.11V I:0.0621A P:3.8077W PF:0.2785 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:130.705x1 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:

```

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:

```