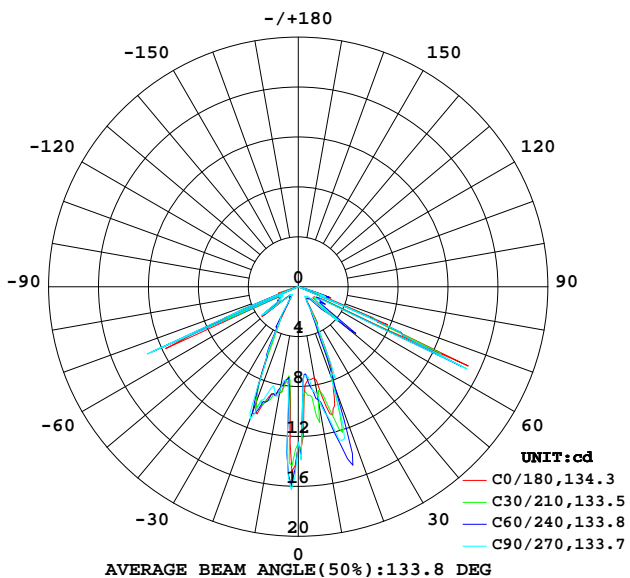
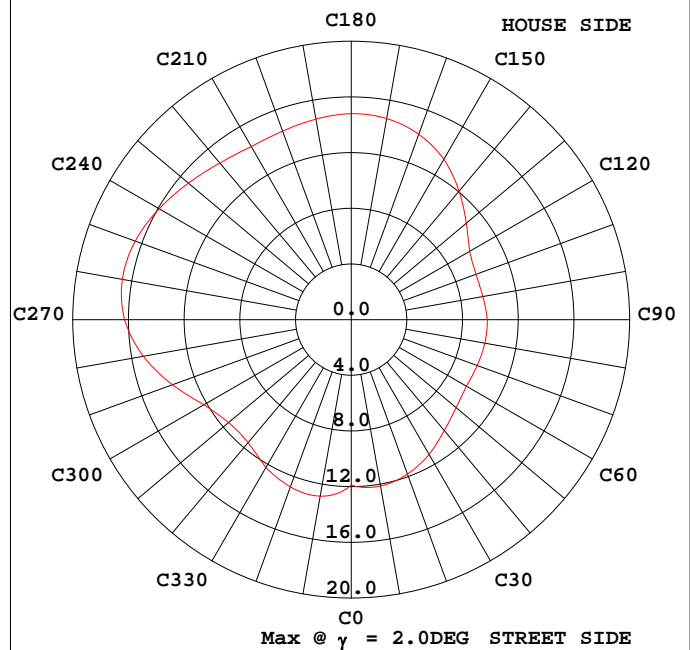


## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:220.16V I:0.0492A P:2.6883W PF:0.2483 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:14.8061x1 lm		
NAME: LARGE CLEAR GLOBE RGBW 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: /	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 5.51 lm/W
MODEL		I <sub>max</sub> (cd)	16.28	η street_up(%)	0.0	
NOMINAL POWER(W)	2.4	LOR(%)	100.0	η street_down(%)	59.7	
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	14.81	η house_up(%)	0.0	
NOMINAL FLUX(lm)	14.8061	MAXIMUM @(C,γ )	270,2.0	η house_down(%)	40.3	
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)		
TEST VOLTAGE(V)		η down(%)	100.0	SLI		

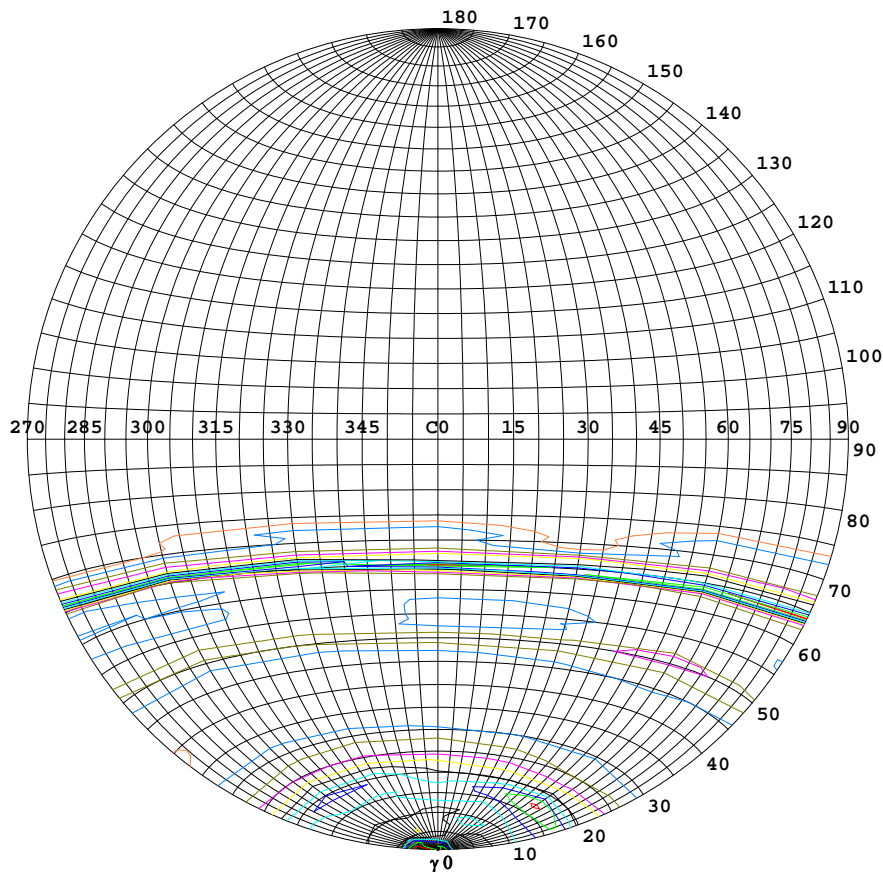
INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANSMAX INTENSITY CONE SURFACE  
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG  
C Interval: 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:0.0492A P:2.6883W PF:0.2483 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:14.8061x1 lm		
NAME: LARGE CLEAR GLOBE RGBW 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: /	SUR.:	Shielding Angle:



Classification:

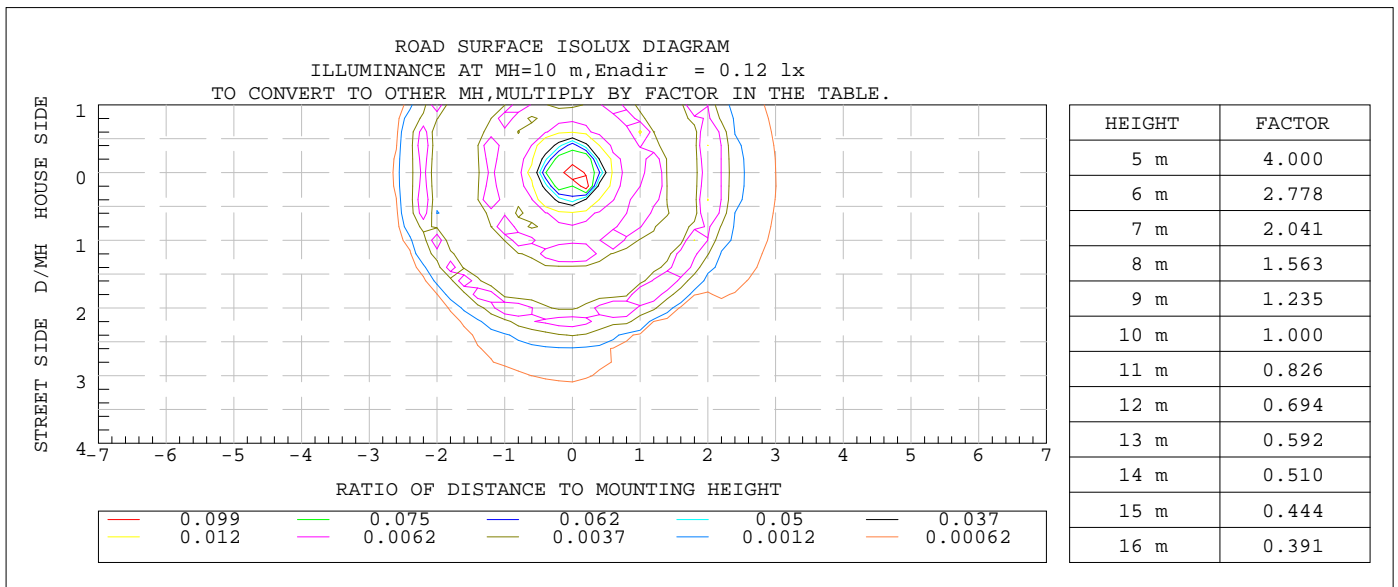
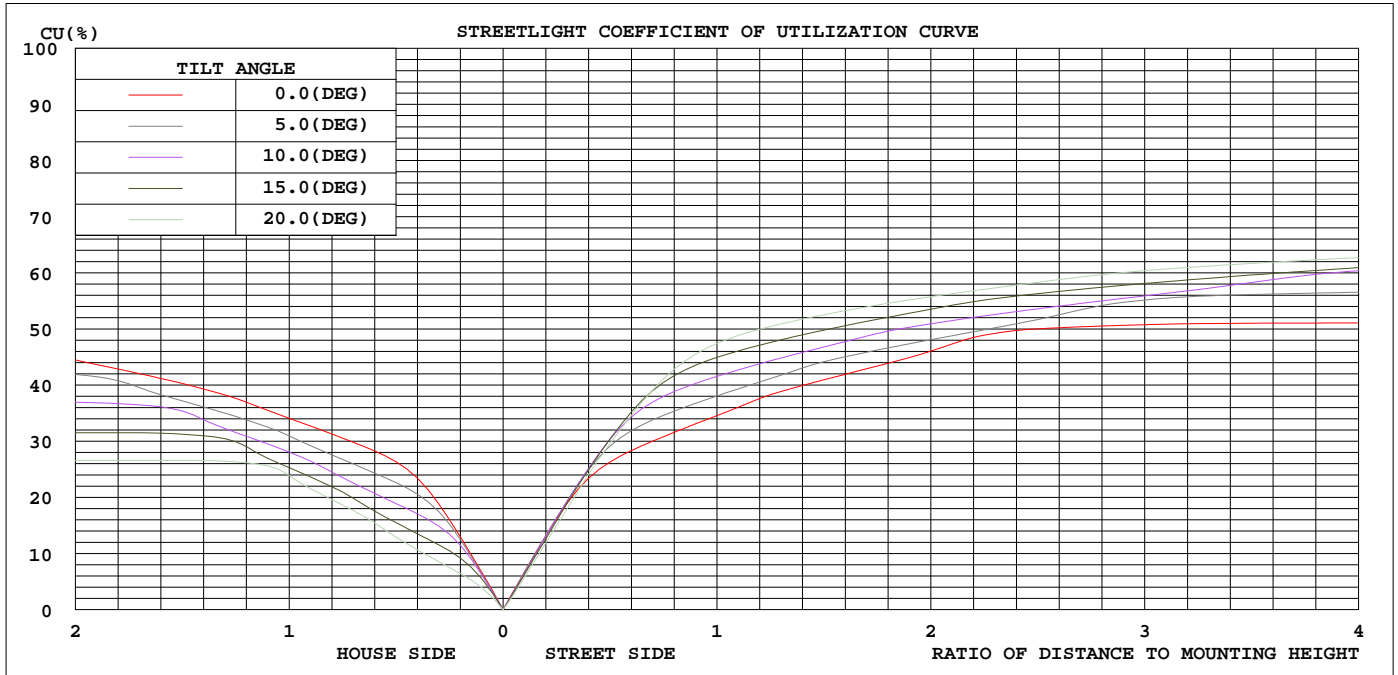
IES:Type II - Very Short  
CIE:Broad - Short  
IES:Cut-off  
CIE:Semi-cut-off  
Max.At80:0.0376cd/klm  
Max.At90:10.55cd/klm  
Max.80-90:10.55cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I <sub>max</sub> =100%	16
90%	15
80%	13
70%	11
60%	10
50%	8
40%	7
30%	5
20%	3
10%	2
5%	1

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:0.0492A P:2.6883W PF:0.2483 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:14.8061x1 lm		
NAME: LARGE CLEAR GLOBE RGBW 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: /	SUR.:	Shielding Angle:

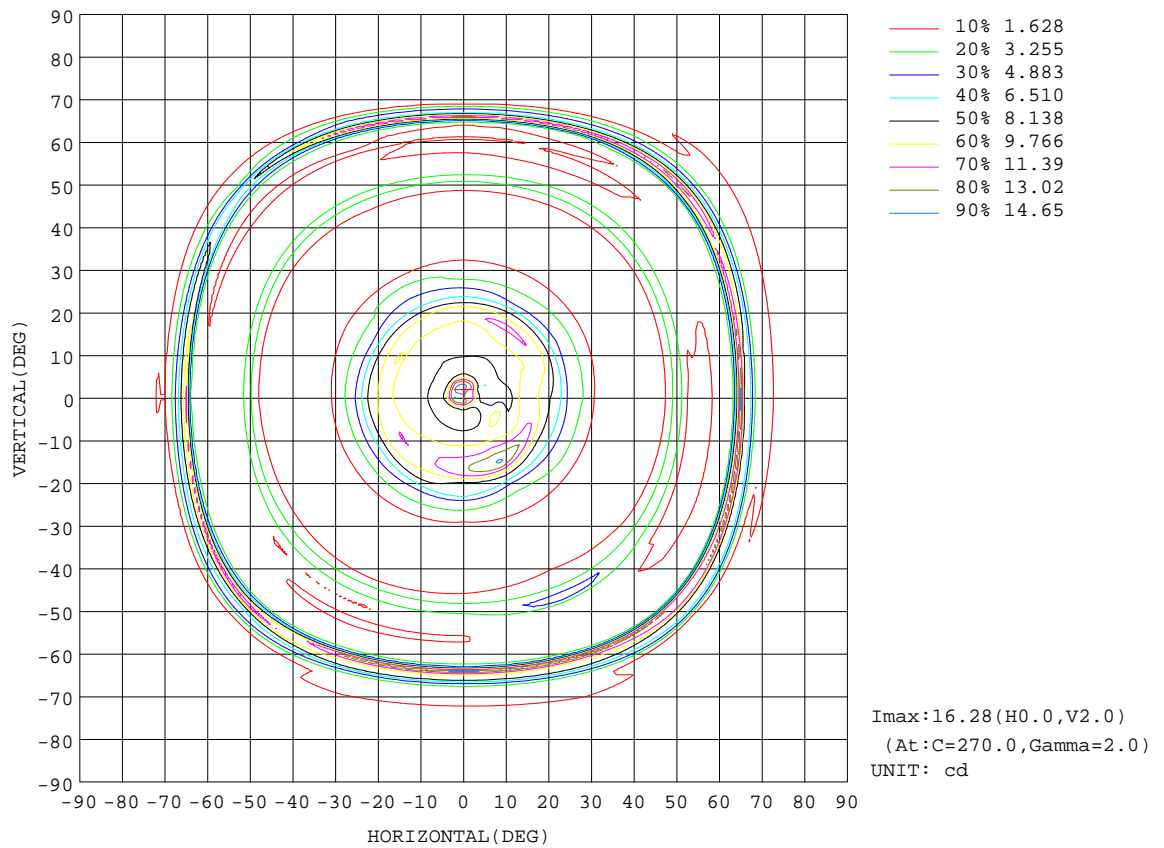
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\Phi$ lum,lamp
10	7.430	9.198	8.723	9.332	8.662	8.421	8.362	8.091	0- 10	0.8212	0.8212	5.55,5.55
20	8.285	8.347	7.619	9.651	9.803	10.36	11.25	11.04	10- 20	2.850	3.671	24.8,24.8
30	1.849	1.521	1.423	1.555	2.010	2.740	2.797	2.647	20- 30	2.296	5.967	40.3,40.3
40	1.254	1.209	1.127	1.162	1.145	0.9721	0.7984	1.025	30- 40	0.7529	6.720	45.4,45.4
50	4.122	4.904	4.150	4.190	3.562	2.615	2.476	2.961	40- 50	1.240	7.960	53.8,53.8
60	1.962	1.675	1.997	1.746	1.735	1.735	1.441	1.942	50- 60	1.928	9.889	66.8,66.8
70	2.102	1.240	2.325	1.361	1.632	1.076	0.6145	1.303	60- 70	4.418	14.31	96.6,96.6
80	0.0006	0	0	0	0	0	0	0	70- 80	0.4926	14.80	100,100
90	0	0.0260	0	0	0	0.0087	0	0.0781	80- 90	0.0069	14.81	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

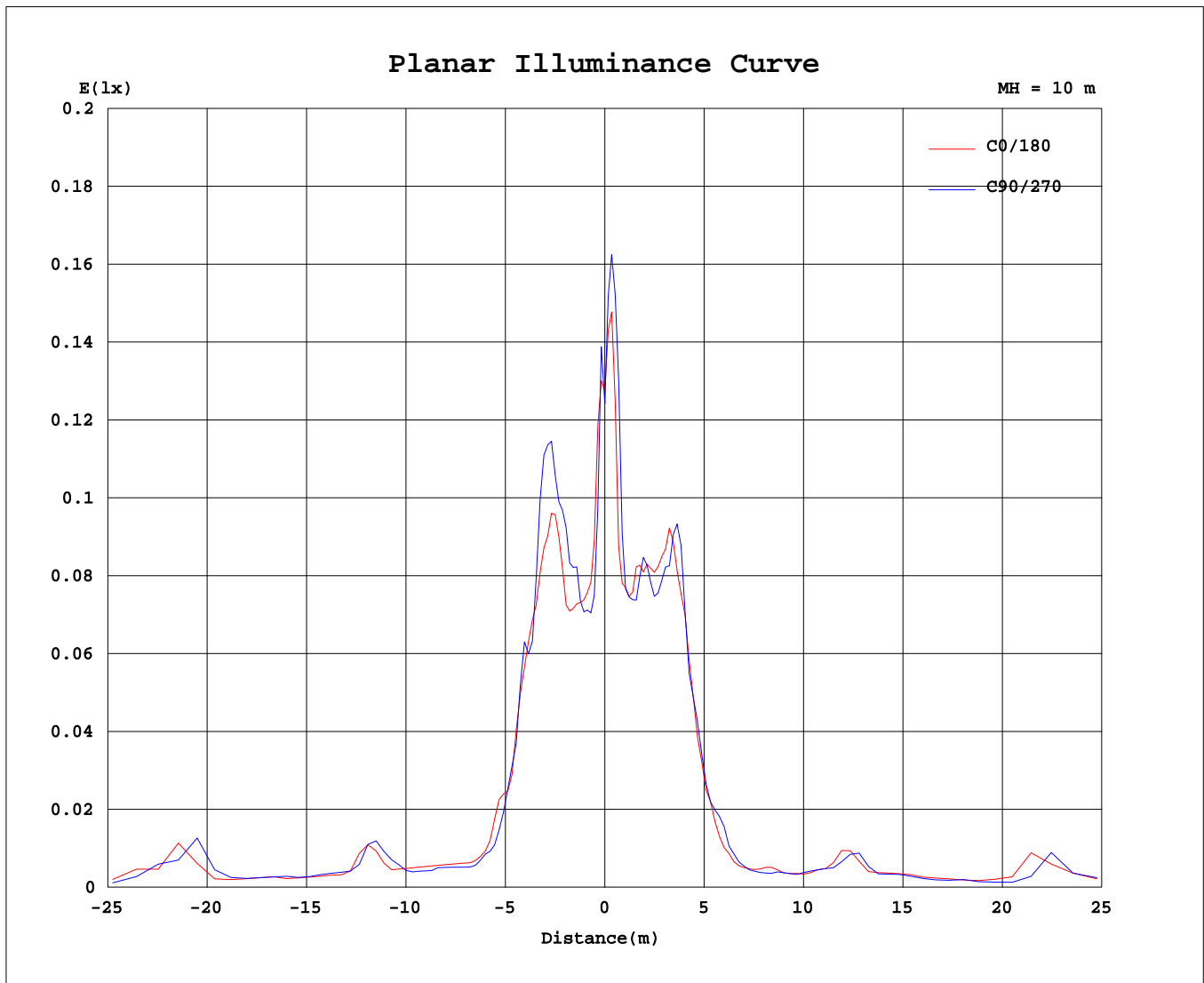
Test:U:220.16V I:0.0492A P:2.6883W PF:0.2483 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:14.8061x1 lm		
NAME: LARGE CLEAR GLOBE RGBW 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: /	SUR.:	Shielding Angle:



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



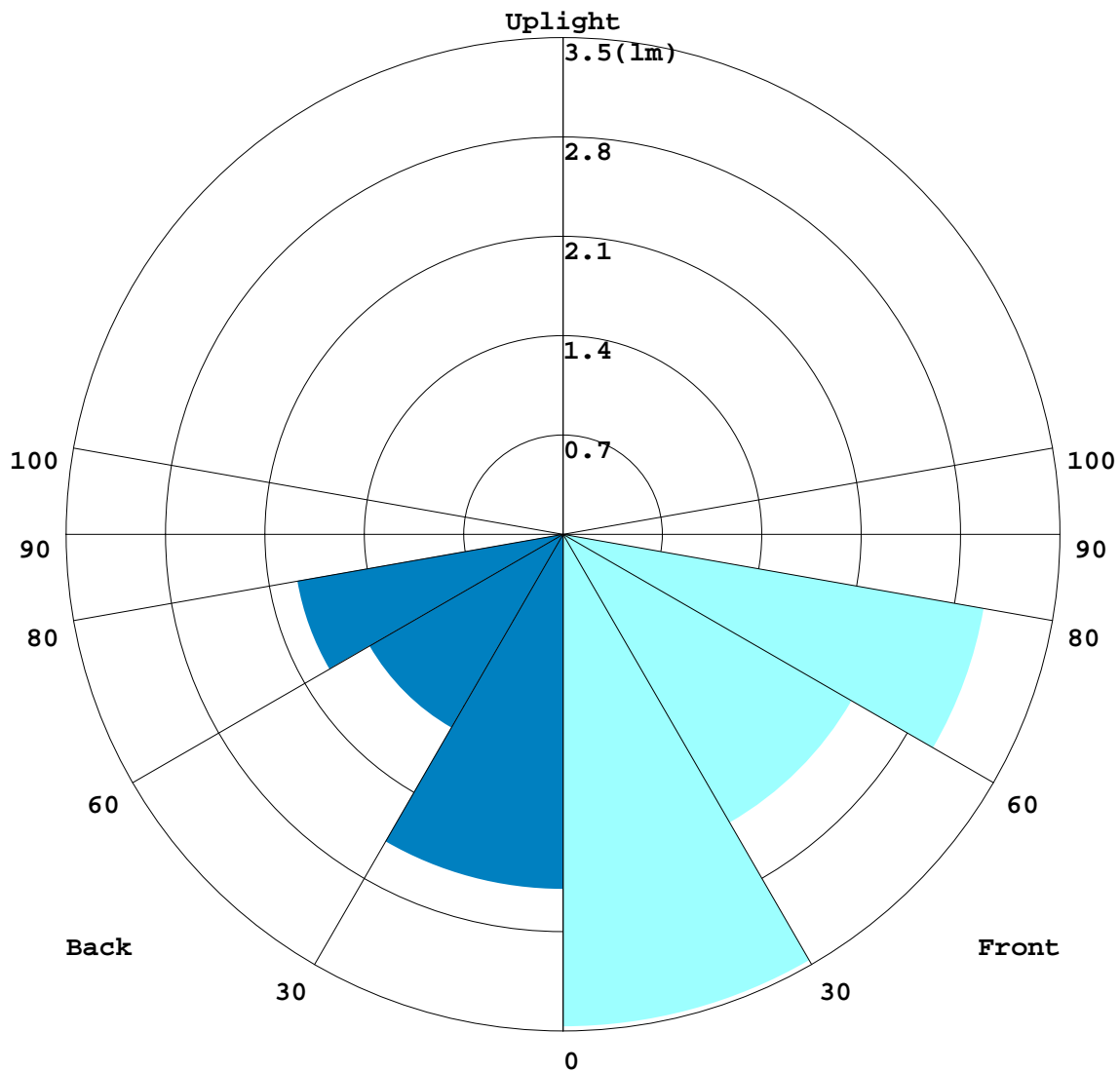
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 24.3°C  
Operators: 0  
Test Date: 2025-09-30

$\gamma$  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:

**LCS REPORT**

Test:U:220.16V I:0.0492A P:2.6883W PF:0.2483 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:14.8061x1 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:0.0492A P:2.6883W PF:0.2483 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:14.8061x1 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)	3.4678	23.4
FM - Front-Medium(30-60)	2.3481	15.9
FH - Front-High(60-80)	3.0108	20.3
FVH - Front-Very High(80-90)	0.0066696	0.0
Total Forward Light	8.8334	59.7

BL - Back-Low(0-30)	2.4996	16.9
BM - Back-Medium(30-60)	1.5733	10.6
BH - Back-High(60-80)	1.8996	12.8
BVH - Back-Very High(80-90)	0.0002366	0.0
Total Back Light	5.9727	40.3

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	5.9727	0	5.9727
Street Side	8.8334	0	8.8334

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

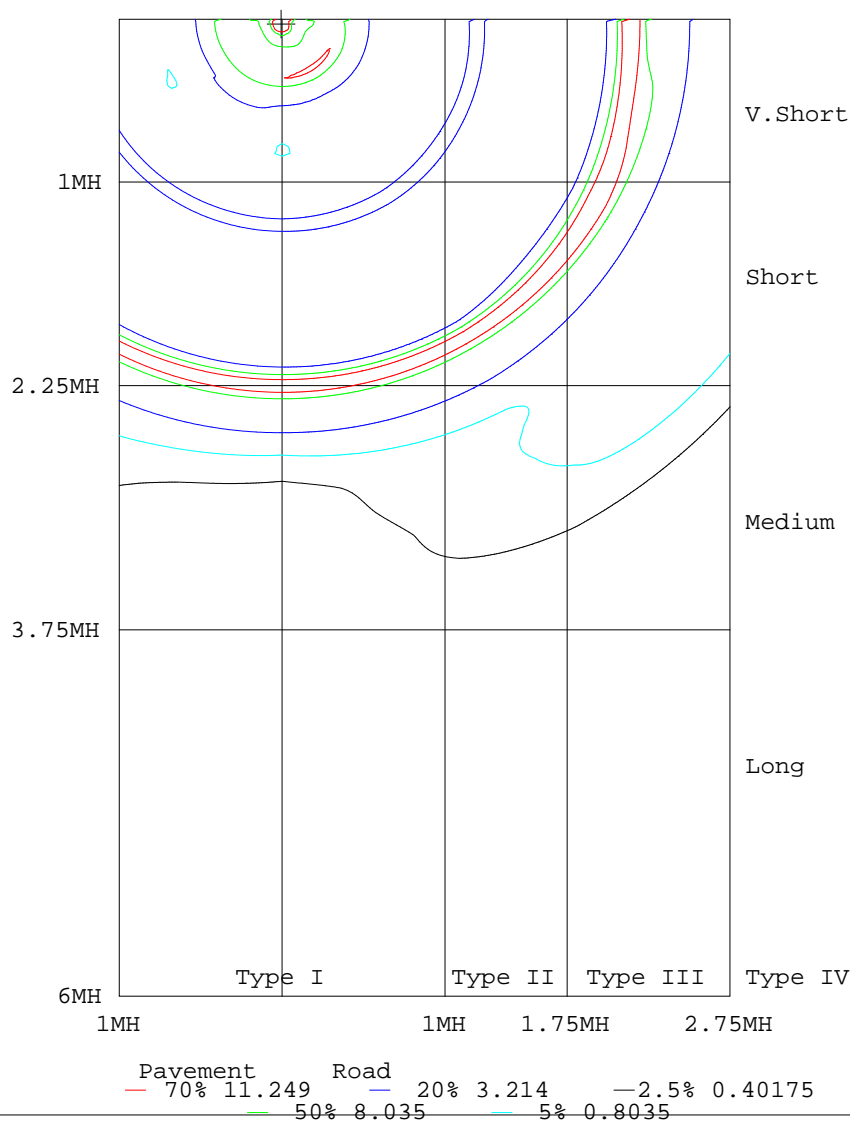
γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
Humidity:42%  
Test Distance:14.700m [K=1.0000]  
Remarks:



ROAD ISOCANDELA REPORT

Test:U:220.16V I:0.0492A P:2.6883W PF:0.2483 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:14.8061x1 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:0.0492A P:2.6883W PF:0.2483 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0      Lamp Flux:14.806lx1 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:

```