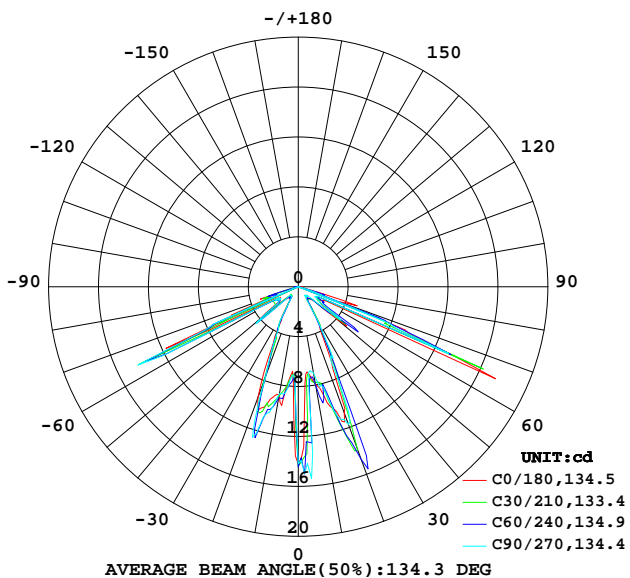
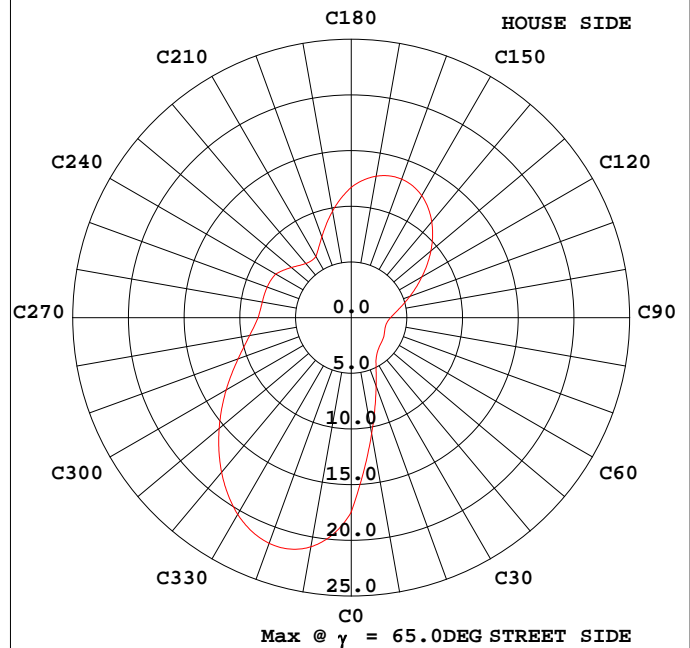


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:220.13V I:0.0480A P:2.5612W PF:0.2426 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:16.9888x1 lm		
NAME: LARGE CLEAR GLOBE RGBW 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: /	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 6.63 lm/W
MODEL		I _{max} (cd)	20.39	η street_up(%)	0.0	
NOMINAL POWER(W)	2.4	LOR(%)	100.0	η street_down(%)	62.8	
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	16.99	η house_up(%)	0.0	
NOMINAL FLUX(lm)	16.9888	MAXIMUM @(C,γ)	330,65.0	η house_down(%)	37.2	
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)		
TEST VOLTAGE(V)		η down(%)	100.0	SLI		

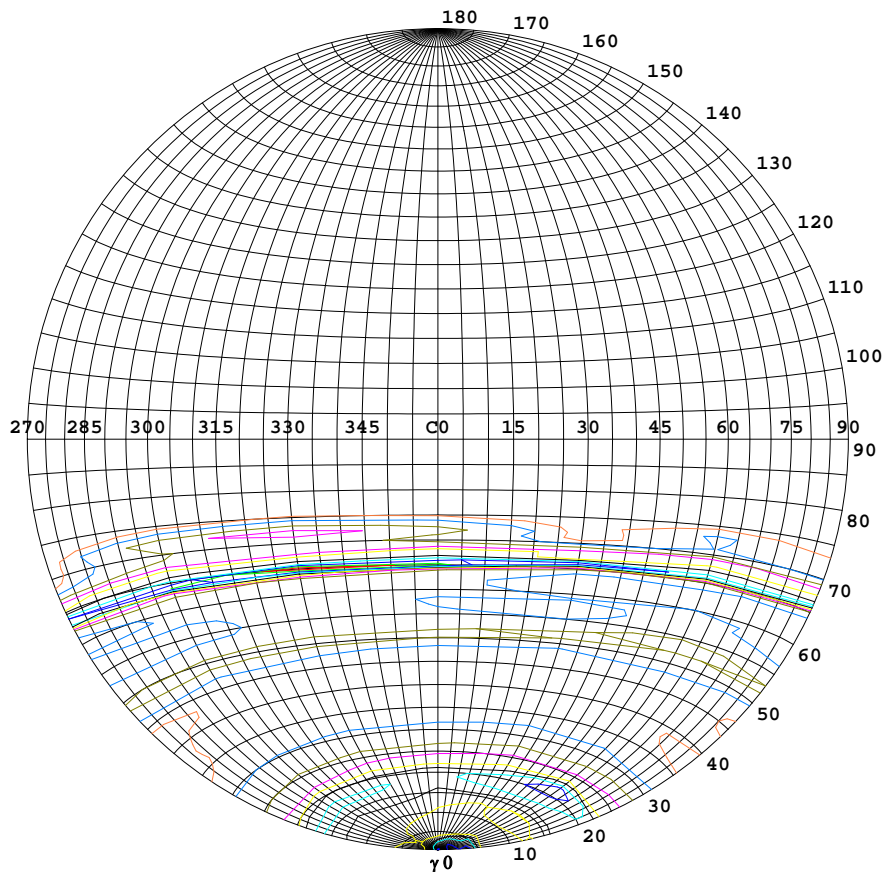
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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:220.13V I:0.0480A P:2.5612W PF:0.2426 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:16.9888x1 lm		
NAME: LARGE CLEAR GLOBE RGBW 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: /	SUR.:	Shielding Angle:



Classification:

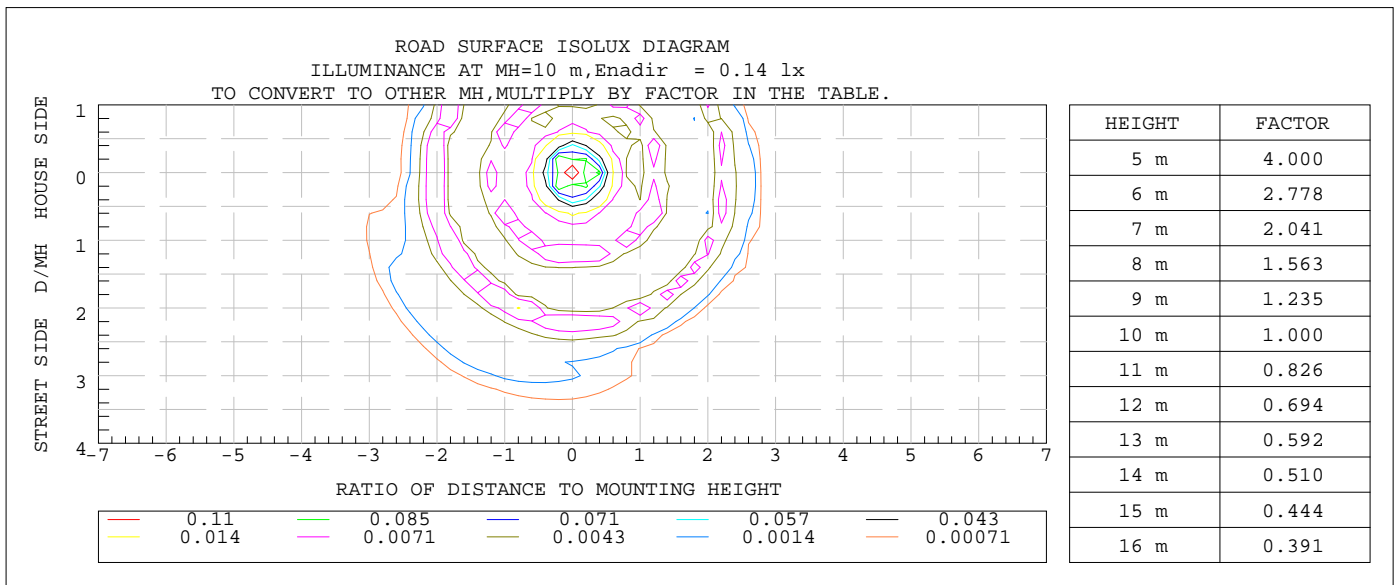
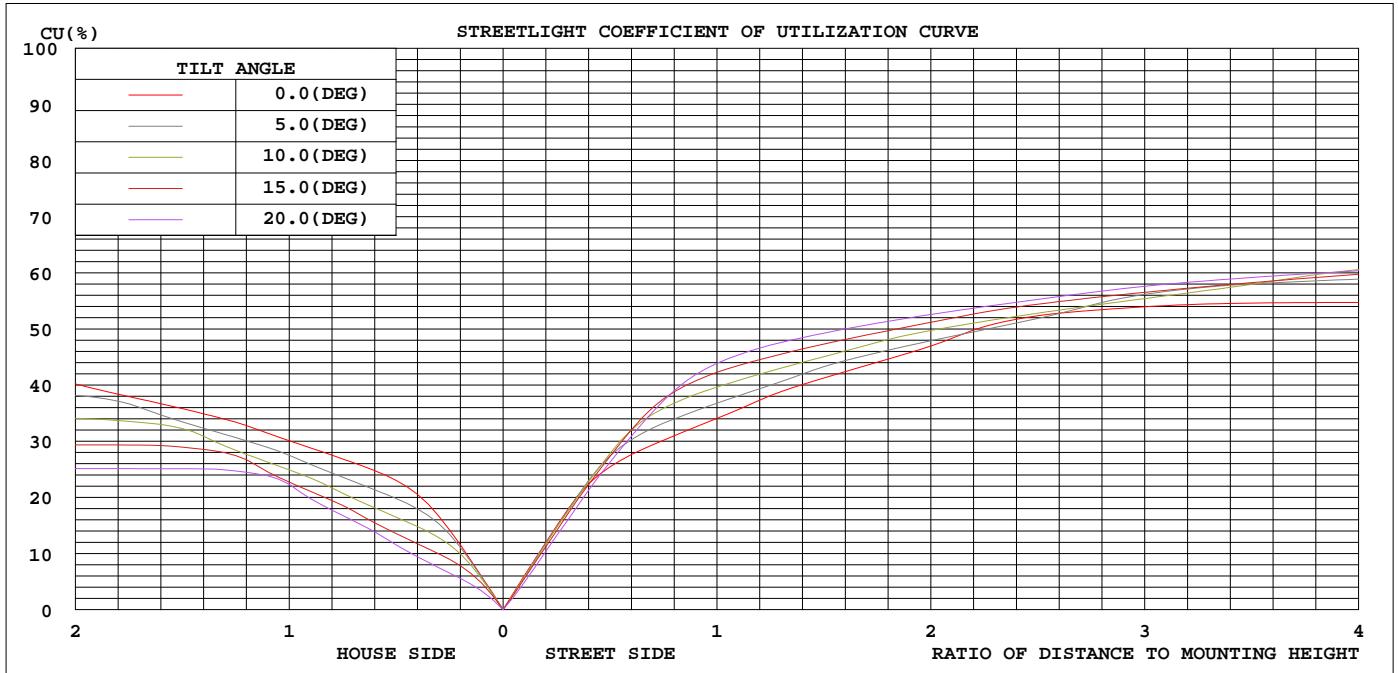
IES:Type II - Short
CIE:Average - Intermediate
IES:Cut-off
CIE:Semi-cut-off
Max.At80:6.175cd/klm
Max.At90:23.50cd/klm
Max.80-90:23.50cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	20
90%	18
80%	16
70%	14
60%	12
50%	10
40%	8
30%	6
20%	4
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:220.13V I:0.0480A P:2.5612W PF:0.2426 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:16.9888x1 lm		
NAME: LARGE CLEAR GLOBE RGBW 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: /	SUR.:	Shielding Angle:

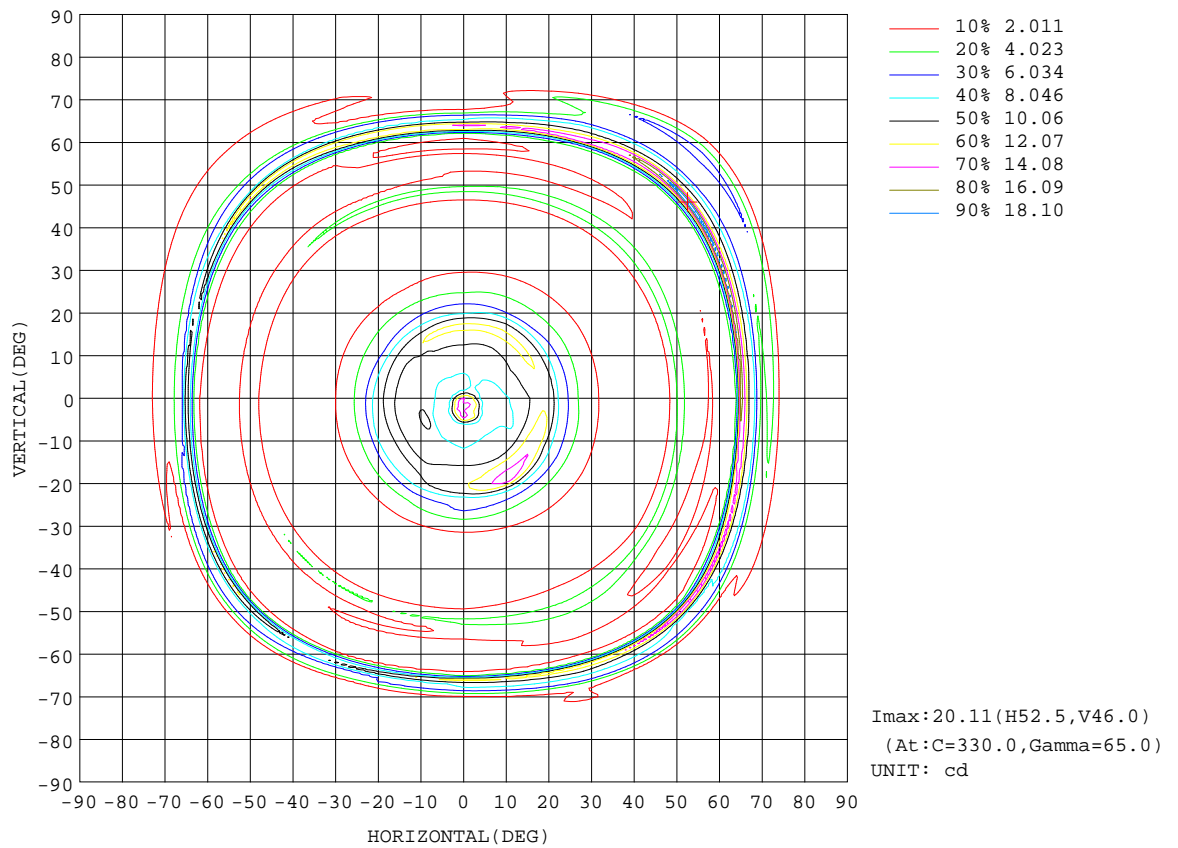
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	7.880	7.896	6.983	9.515	8.853	8.967	8.698	8.948	0- 10	0.8158	0.8158	4.8,4.8
20	10.77	14.32	11.73	9.801	9.451	7.968	7.657	10.35	10- 20	2.891	3.707	21.8,21.8
30	3.406	3.126	3.170	2.397	2.008	1.831	1.673	2.629	20- 30	2.532	6.239	36.7,36.7
40	1.080	1.269	1.094	1.032	1.091	1.033	0.9420	1.193	30- 40	0.8164	7.055	41.5,41.5
50	3.960	2.988	2.386	3.242	3.917	3.586	3.723	4.983	40- 50	1.289	8.345	49.1,49.1
60	2.307	1.954	1.547	1.553	1.669	2.181	1.737	2.451	50- 60	2.208	10.55	62.1,62.1
70	3.572	1.981	1.786	0.7232	2.329	2.120	0.6088	4.455	60- 70	5.390	15.94	93.8,93.8
80	0.1049	0.0001	0	0	0	0.0261	0	0.0435	70- 80	1.002	16.94	99.7,99.7
90	0.3993	0	0	0	0	0	0	0.0781	80- 90	0.0440	16.99	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

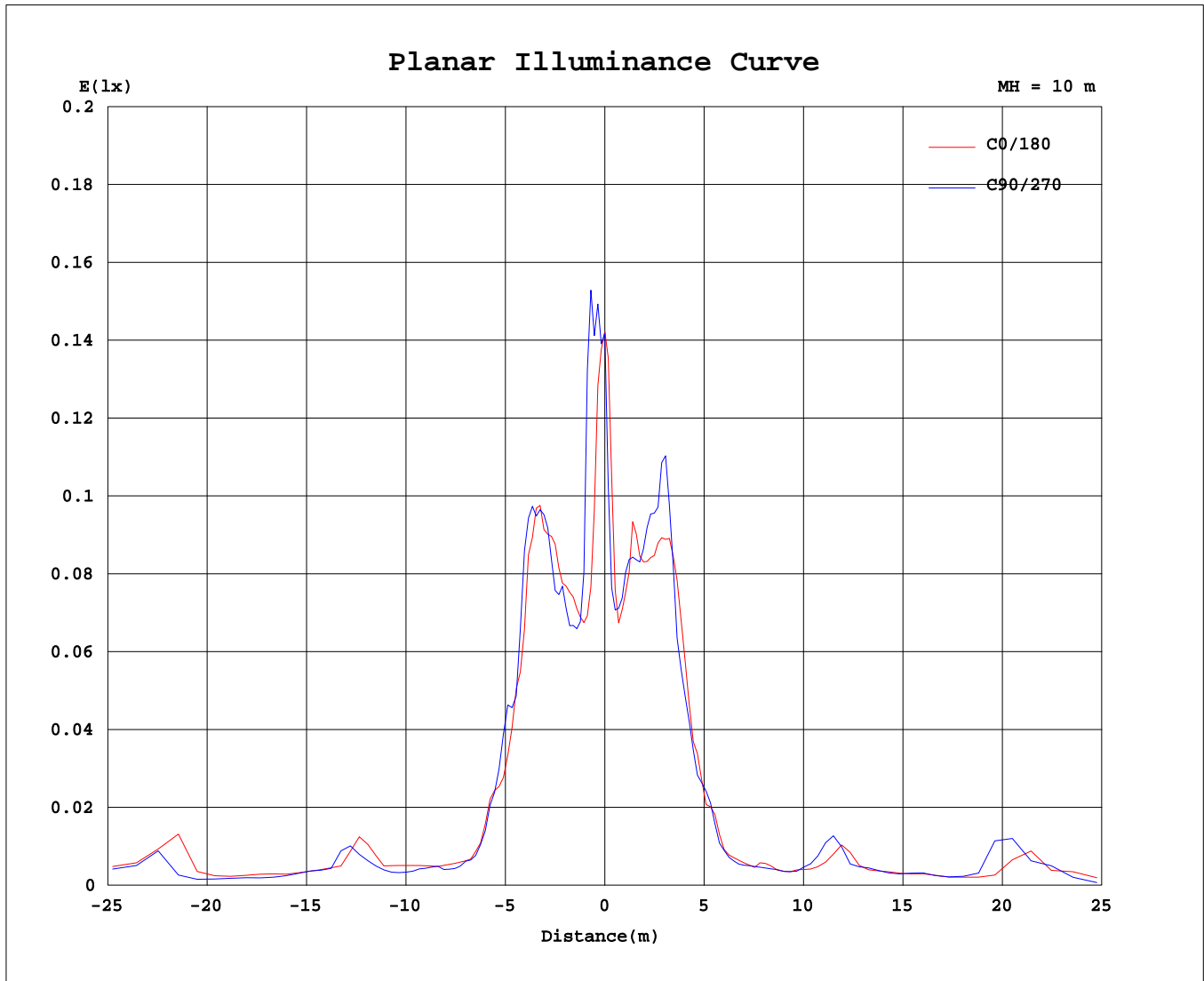
Test:U:220.13V I:0.0480A P:2.5612W PF:0.2426 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:16.9888x1 lm		
NAME: LARGE CLEAR GLOBE RGBW 4000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: /	SUR.:	Shielding Angle:



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



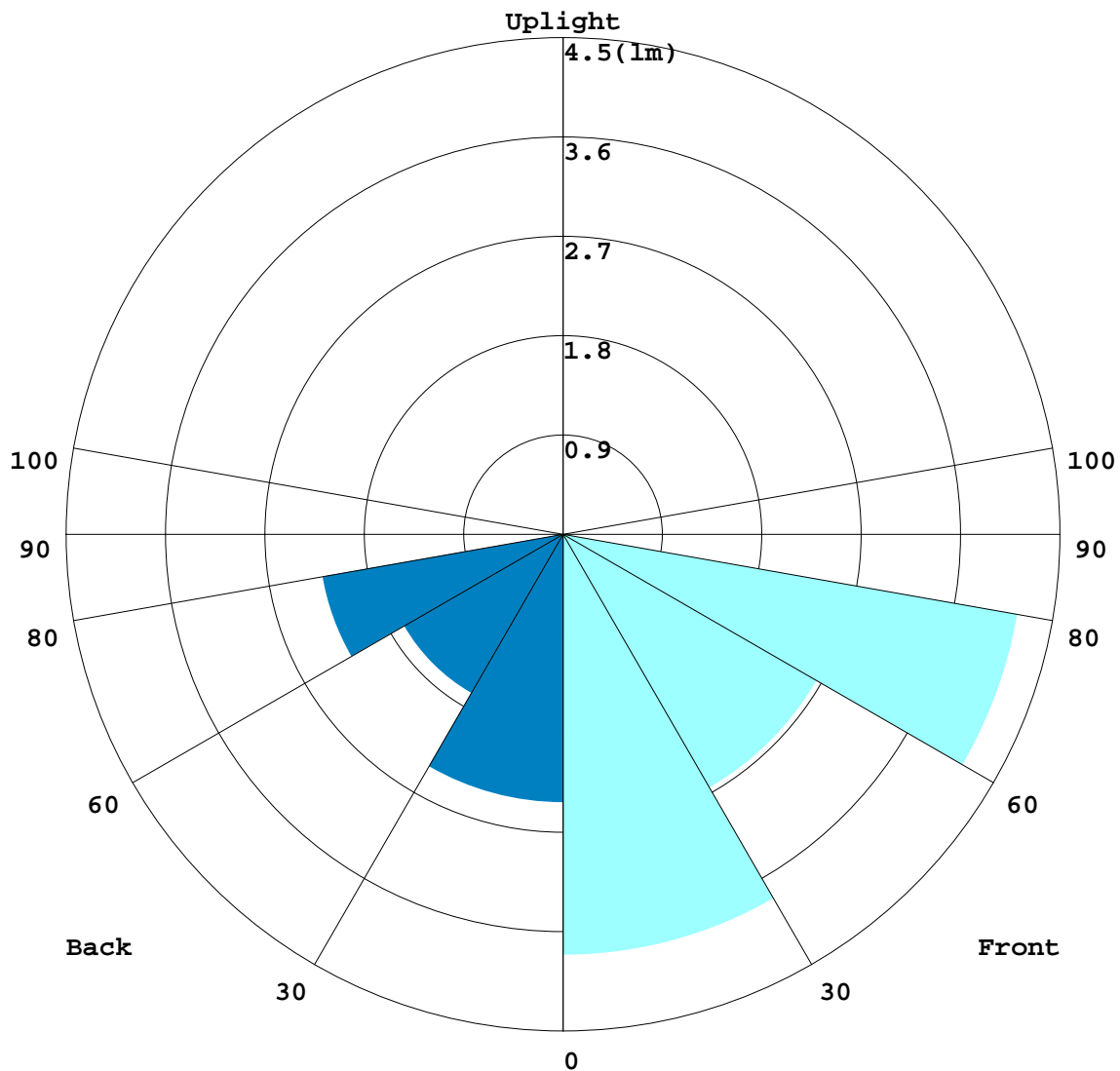
C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 24.3°C
 Operators: 0
 Test Date: 2025-09-30

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:220.13V I:0.0480A P:2.5612W PF:0.2426 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:16.9888x1 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:220.13V I:0.0480A P:2.5612W PF:0.2426 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:16.9888x1 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)	3.8099	22.4
FM - Front-Medium(30-60)	2.6521	15.6
FH - Front-High(60-80)	4.1798	24.6
FVH - Front-Very High(80-90)	0.02697	0.2
Total Forward Light	10.669	62.8

BL - Back-Low(0-30)	2.4288	14.3
BM - Back-Medium(30-60)	1.6616	9.8
BH - Back-High(60-80)	2.2126	13.0
BVH - Back-Very High(80-90)	0.016999	0.1
Total Back Light	6.3201	37.2

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	6.3201	0	6.3201
Street Side	10.669	0	10.669

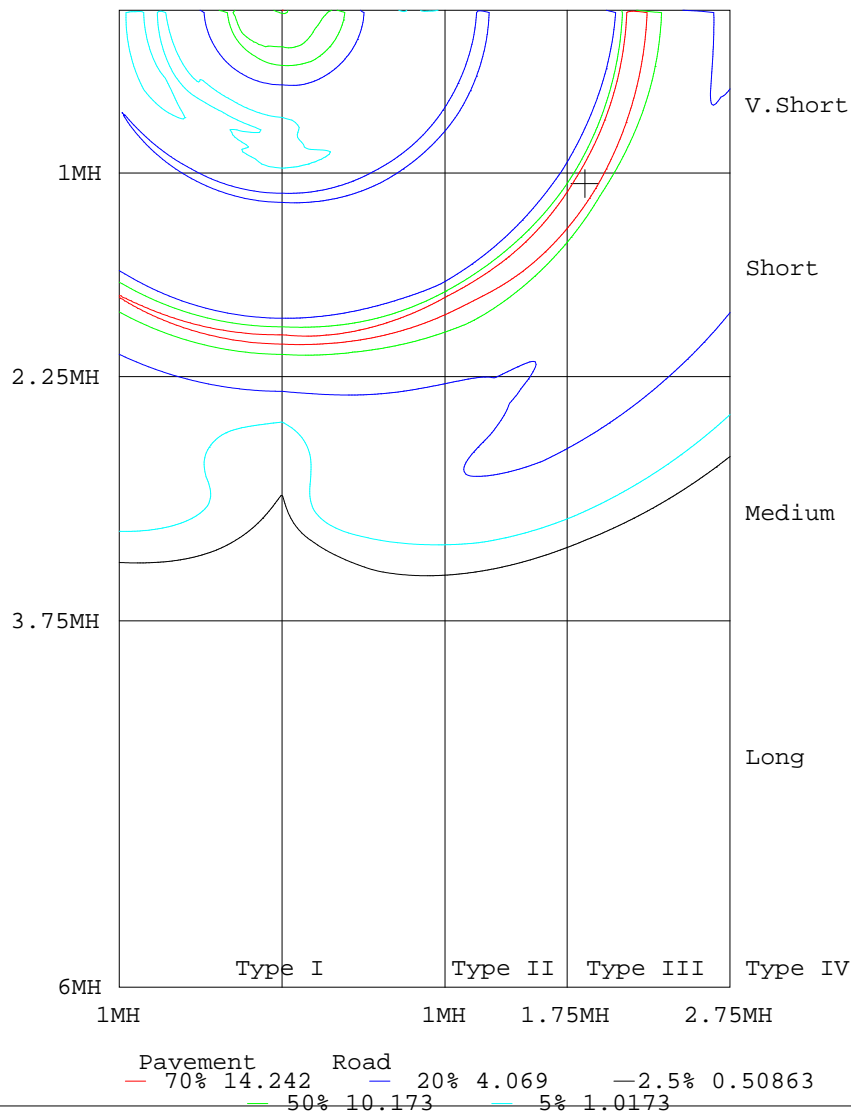
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:24.3℃
Operators:0
Test Date:2025-09-30

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:220.13V I:0.0480A P:2.5612W PF:0.2426 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:16.9888x1 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:220.13V I:0.0480A P:2.5612W PF:0.2426 Freq:49.99Hz UTHDi: 0.00% ITHDi: 0.00% KDisp: 0 Lamp Flux: 16.9888x1 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:

```