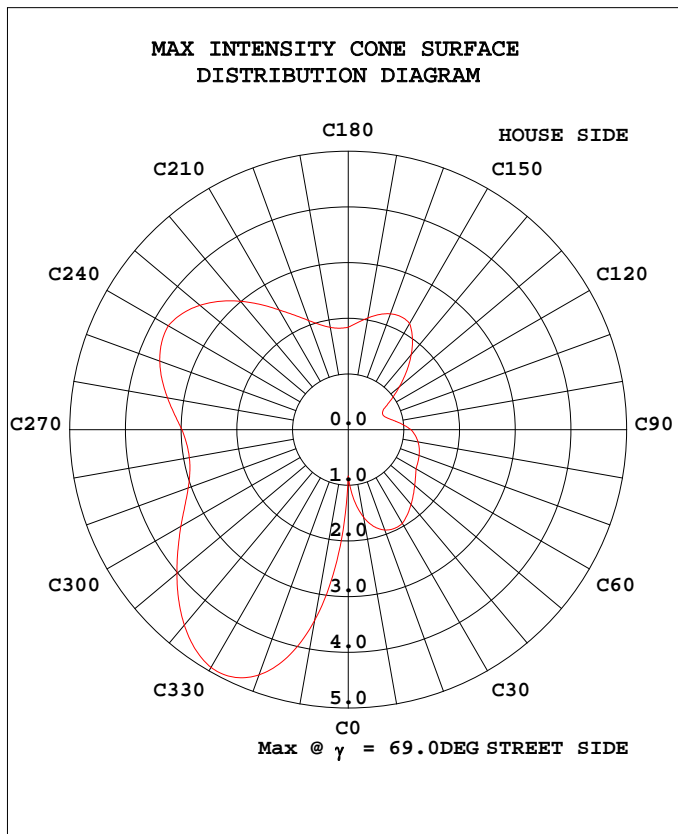
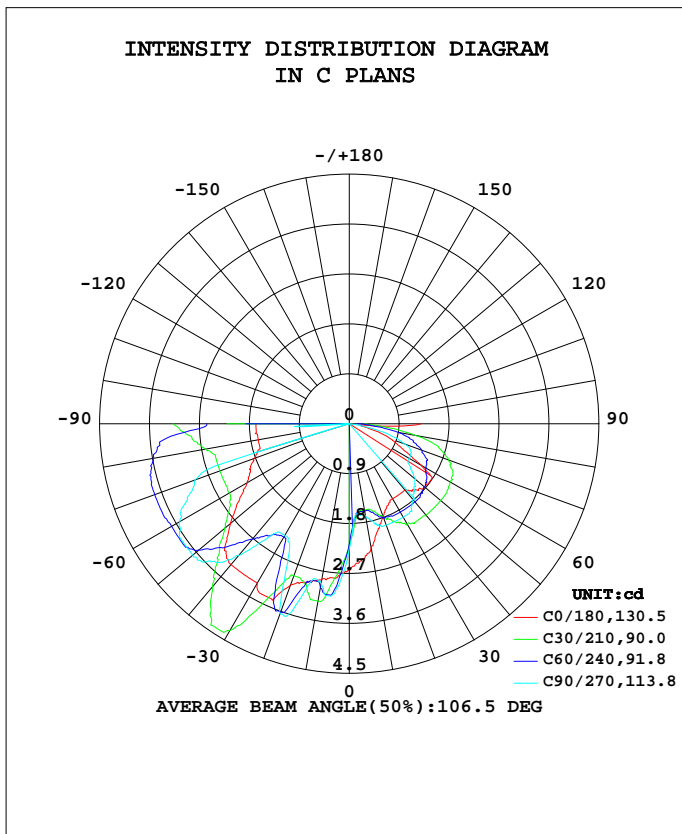


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:23.951V I:0.0198A P:0.4718W PF:0.9932 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:14.0206x1 lm		
NAME: large frosted ww 90CRI	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 10
MFR.: EXC	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 29.72 lm/W			
MODEL		Imax(cd)	4.930	η street_up(%)	0.0
NOMINAL POWER(W)	0.6	LOR(%)	100.0	η street_down(%)	54.4
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	14.02	η house_up(%)	0.0
NOMINAL FLUX(lm)	14.0206	MAXIMUM @(C, γ)	330,69.0	η house_down(%)	45.6
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)		η down(%)	100.0	SLI	

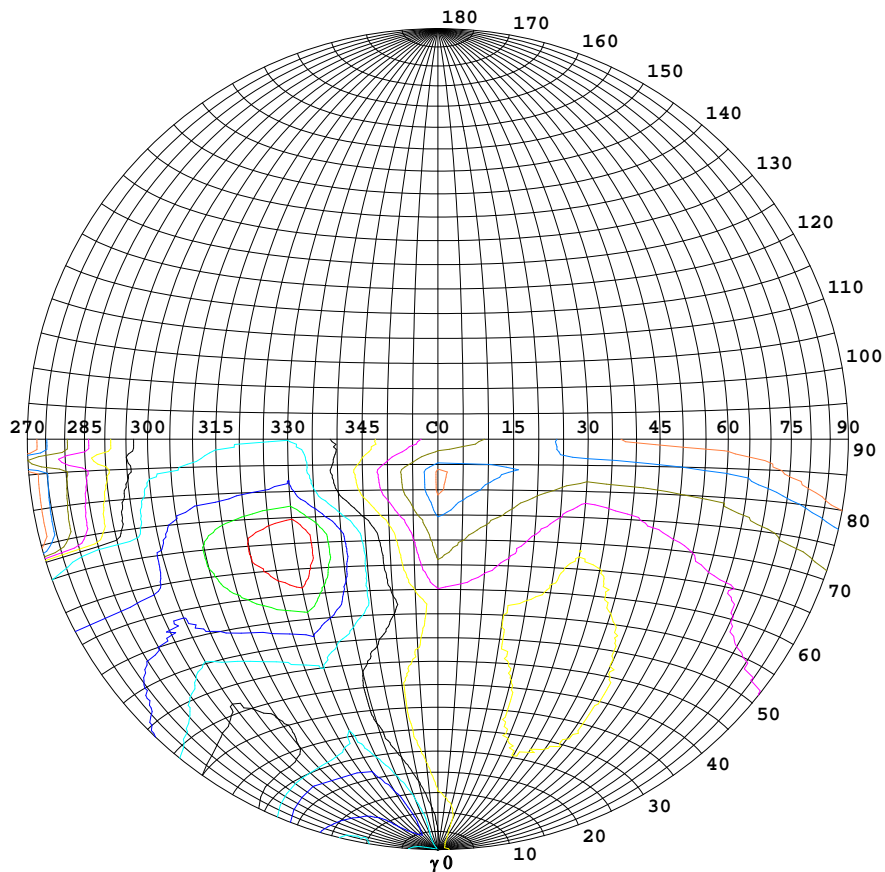


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:24.3℃
Operators:0
Test Date:2025-09-13

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
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:23.951V I:0.0198A P:0.4718W PF:0.9932 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:14.0206x1 lm		
NAME: large frosted ww 90CRI	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 10
MFR.: EXC	SUR.:	Shielding Angle:



Classification:

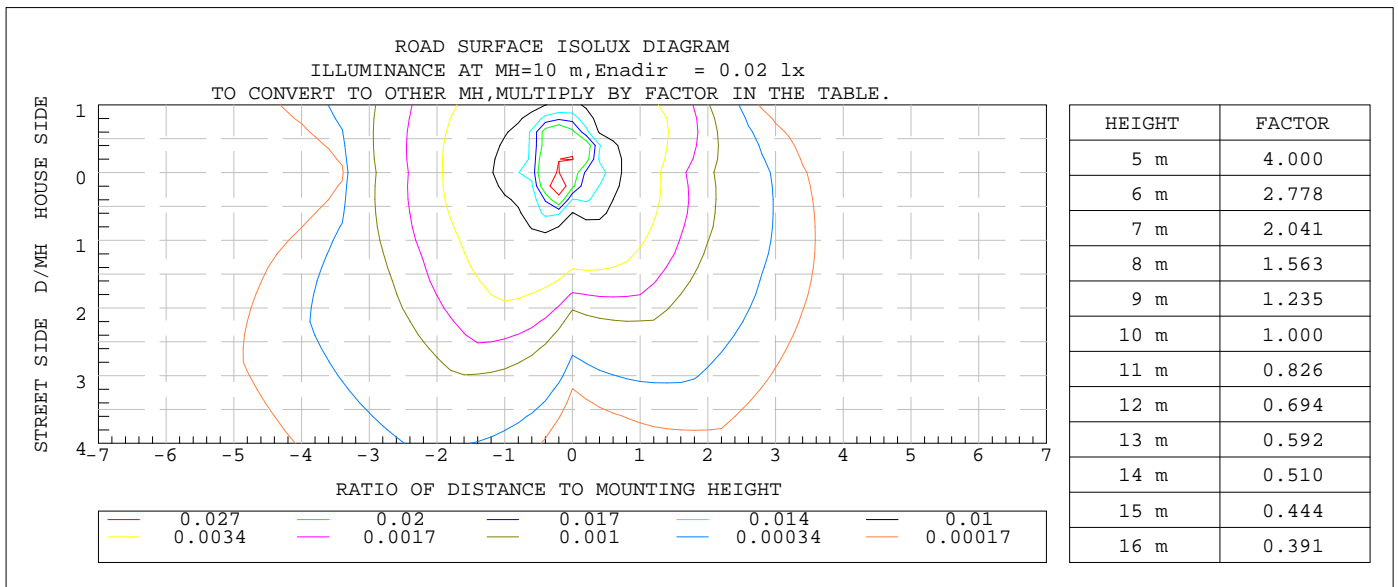
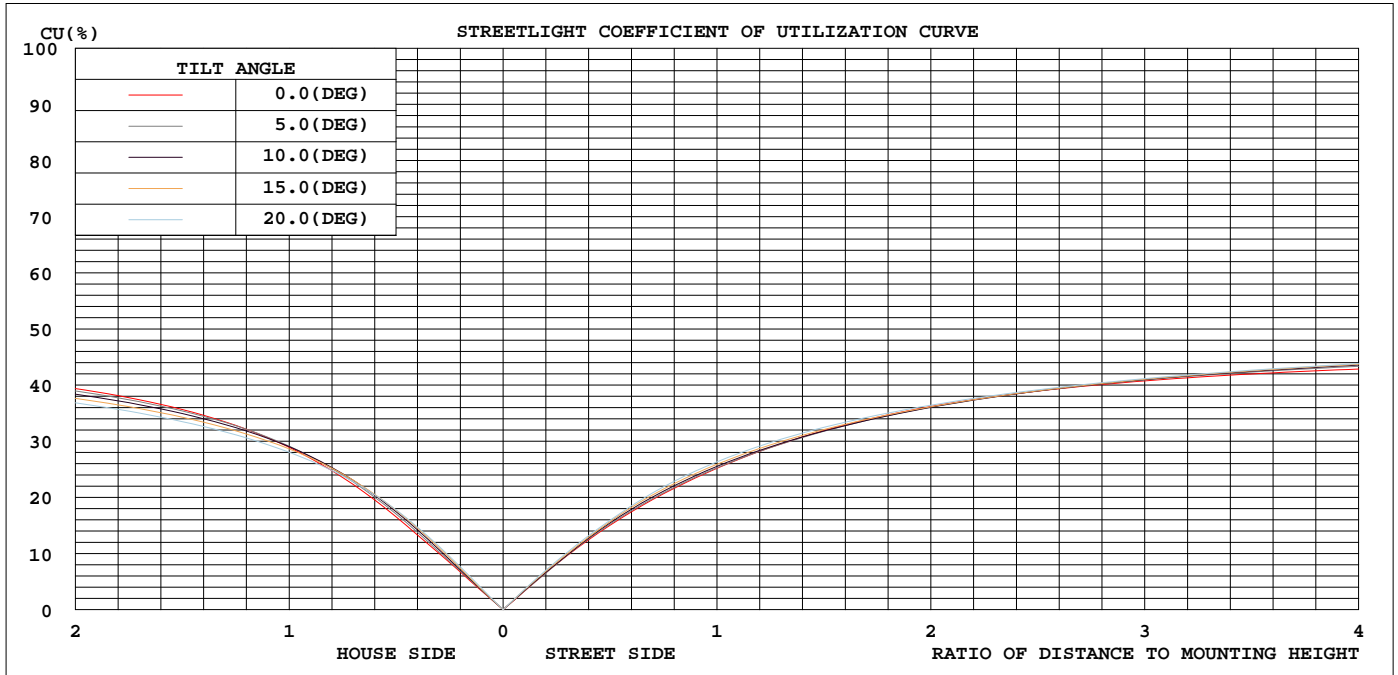
IES:Type II - Medium
CIE:Broad - Intermediate
IES:None cut-off
CIE:Non-cut-off
Max.At80:256.3cd/klm
Max.At90:226.6cd/klm
Max.80-90:256.3cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	5
90%	4
80%	4
70%	3
60%	3
50%	2
40%	2
30%	1
20%	1
10%	0
5%	0

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:24.3°C
Operators:0
Test Date:2025-09-13

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
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: MEDIUM
Temperature: 24.3°C
Operators: 0
Test Date: 2025-09-13

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
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:23.951V I:0.0198A P:0.4718W PF:0.9932 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:14.0206x1 lm		
NAME: large frosted ww 90CRI	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 10
MFR.: EXC	SUR.:	Shielding Angle:

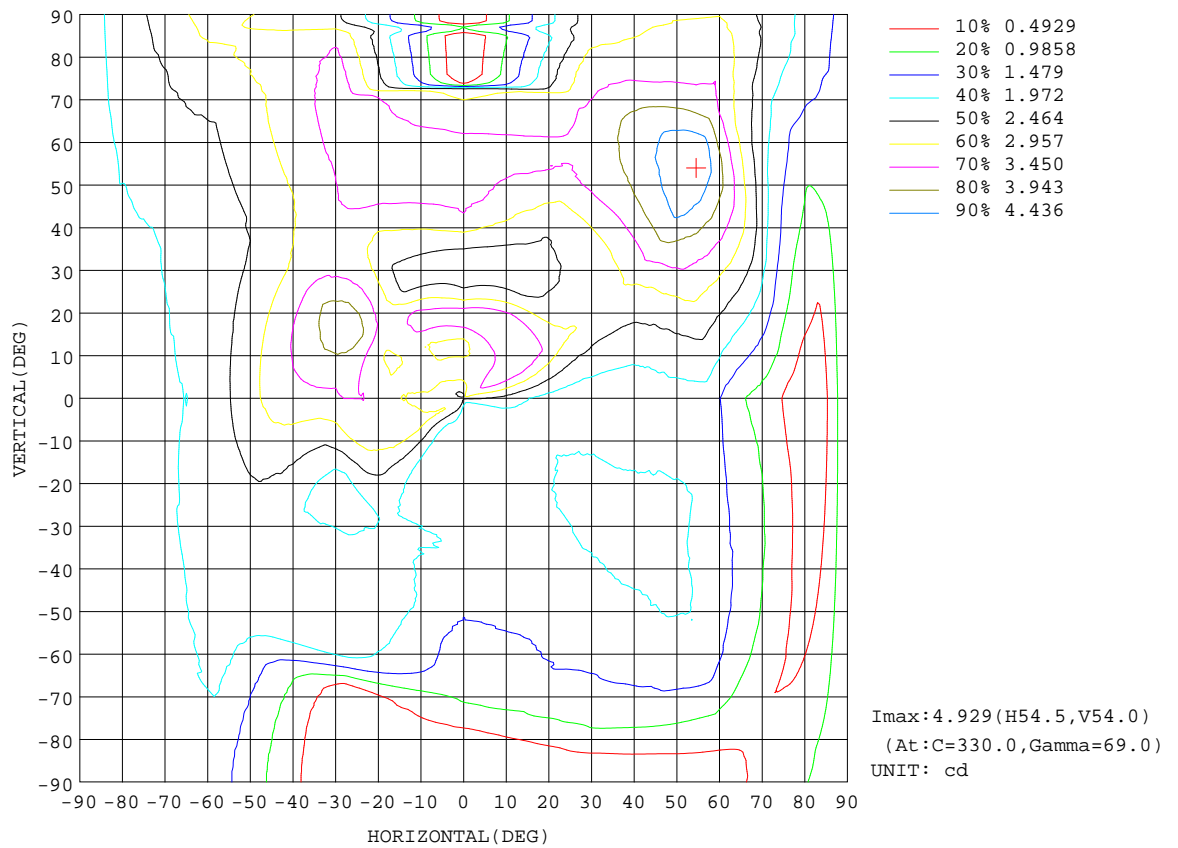
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	2.275	1.589	1.685	2.362	2.848	3.124	2.918	3.498	0- 10	0.2459	0.2459	1.75,1.75
20	1.771	1.780	1.944	2.421	3.091	3.264	3.646	3.698	10- 20	0.7539	0.9998	7.13,7.13
30	1.562	1.962	1.944	2.143	3.316	3.333	2.326	2.604	20- 30	1.186	2.186	15.6,15.6
40	1.562	1.996	1.789	1.945	3.316	3.273	3.107	2.631	30- 40	1.522	3.709	26.5,26.5
50	1.771	1.962	1.562	2.283	2.794	3.239	3.681	3.090	40- 50	1.955	5.663	40.4,40.4
60	1.494	1.849	1.250	2.292	2.118	3.099	3.525	3.889	50- 60	2.324	7.987	57,57
70	0.7823	1.649	1.058	1.321	1.822	3.108	2.952	4.201	60- 70	2.425	10.41	74.3,74.3
80	0.2087	1.050	0.2419	0.9809	1.667	3.116	0	3.351	70- 80	1.994	12.41	88.5,88.5
90	1.302	0.2083	0	0.9114	1.684	2.873	0	2.847	80- 90	1.614	14.02	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: MEDIUM
Temperature:24.3℃
Operators:0
Test Date:2025-09-13

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
Humidity:42%
Test Distance:14.700m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

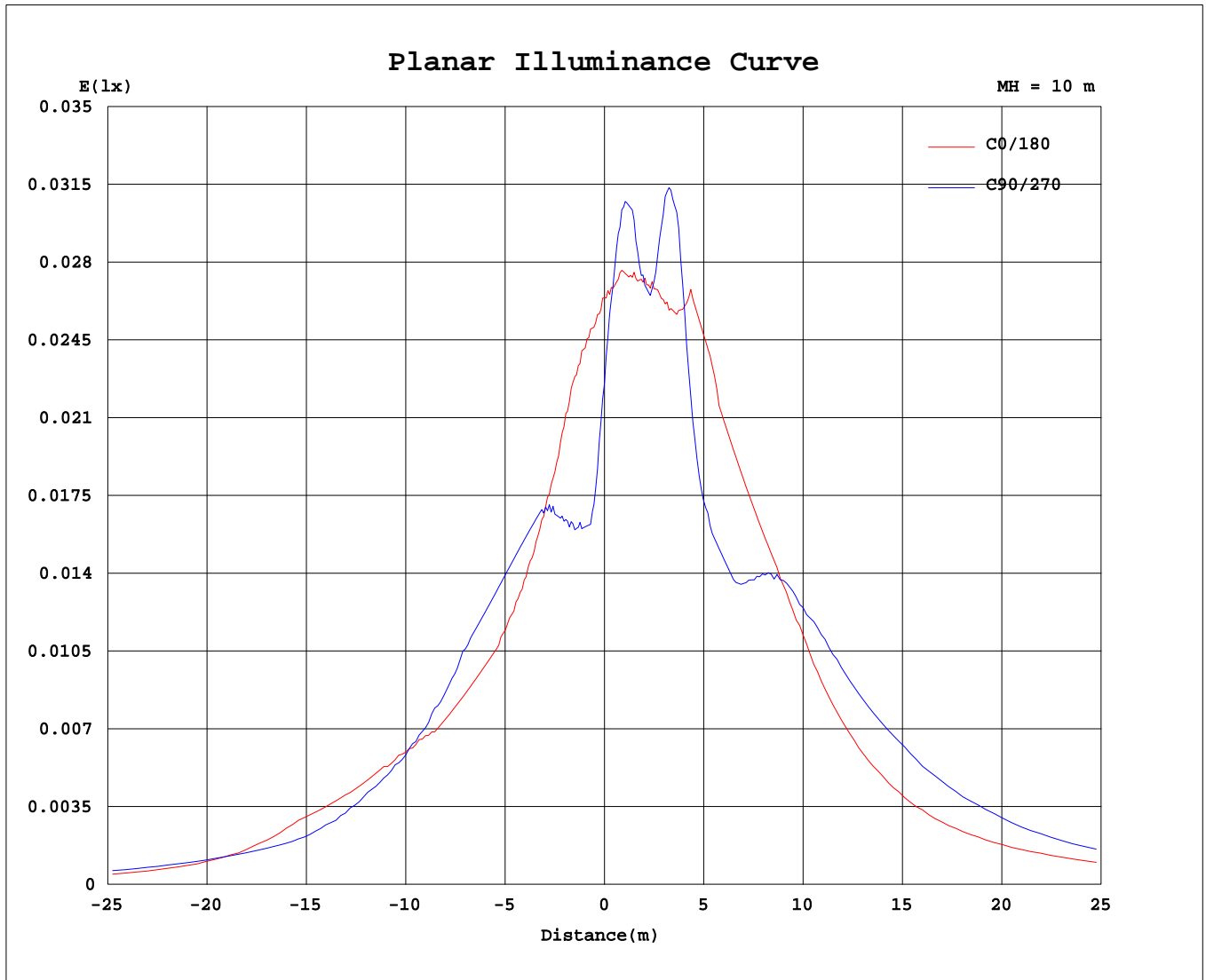
Test:U:23.951V I:0.0198A P:0.4718W PF:0.9932 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:14.0206x1 lm		
NAME: large frosted ww 90CRI	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 10
MFR.: EXC	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature: 24.3°C
Operators: 0
Test Date: 2025-09-13

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.473
Humidity: 42%
Test Distance: 14.700m [K=1.0000]
Remarks:

Planar Illuminance Curve



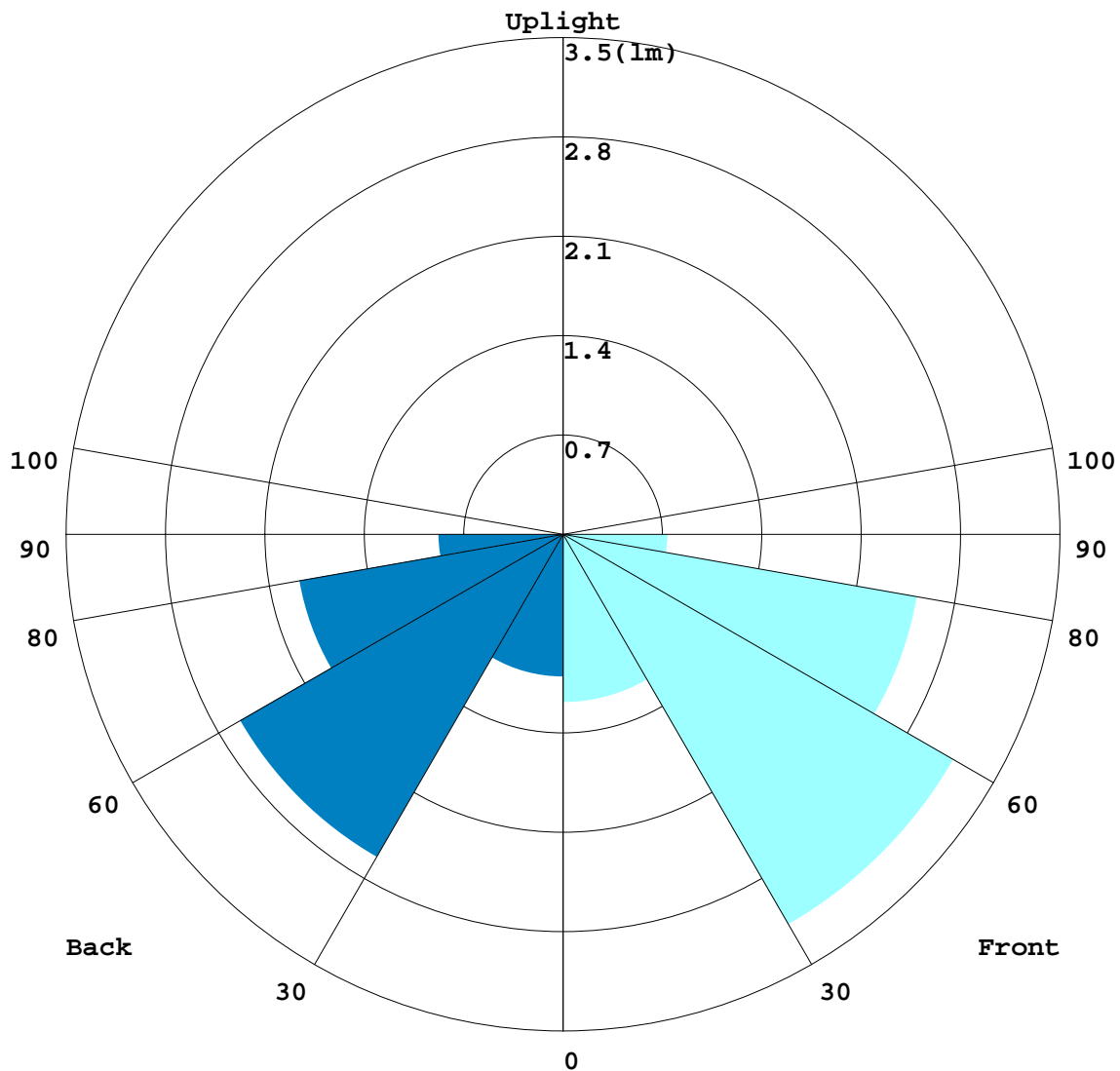
C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: MEDIUM
 Temperature: 24.3°C
 Operators: 0
 Test Date: 2025-09-13

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.473
 Humidity: 42%
 Test Distance: 14.700m [K=1.0000]
 Remarks:

LCS REPORT

Test:U:23.951V I:0.0198A P:0.4718W PF:0.9932 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:14.0206x1 lm		
NAME: large frosted ww 90CRI	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 10
MFR.: EXC	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: MEDIUM
 Temperature: 24.3°C
 Operators: 0
 Test Date: 2025-09-13

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.473
 Humidity: 42%
 Test Distance: 14.700m [K=1.0000]
 Remarks:

BUG REPORT

Test:U:23.951V I:0.0198A P:0.4718W PF:0.9932 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:14.0206x1 lm		
NAME: large frosted ww 90CRI	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 10
MFR.: EXC	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1.1833	8.4
FM - Front-Medium(30-60)	3.1762	22.7
FH - Front-High(60-80)	2.5335	18.1
FVH - Front-Very High(80-90)	0.73791	5.3
Total Forward Light	7.6309	54.4

BL - Back-Low(0-30)	1.003	7.2
BM - Back-Medium(30-60)	2.6248	18.7
BH - Back-High(60-80)	1.8854	13.4
BVH - Back-Very High(80-90)	0.87649	6.3
Total Back Light	6.3897	45.6

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	6.3897	0	6.3897
Street Side	7.6309	0	7.6309

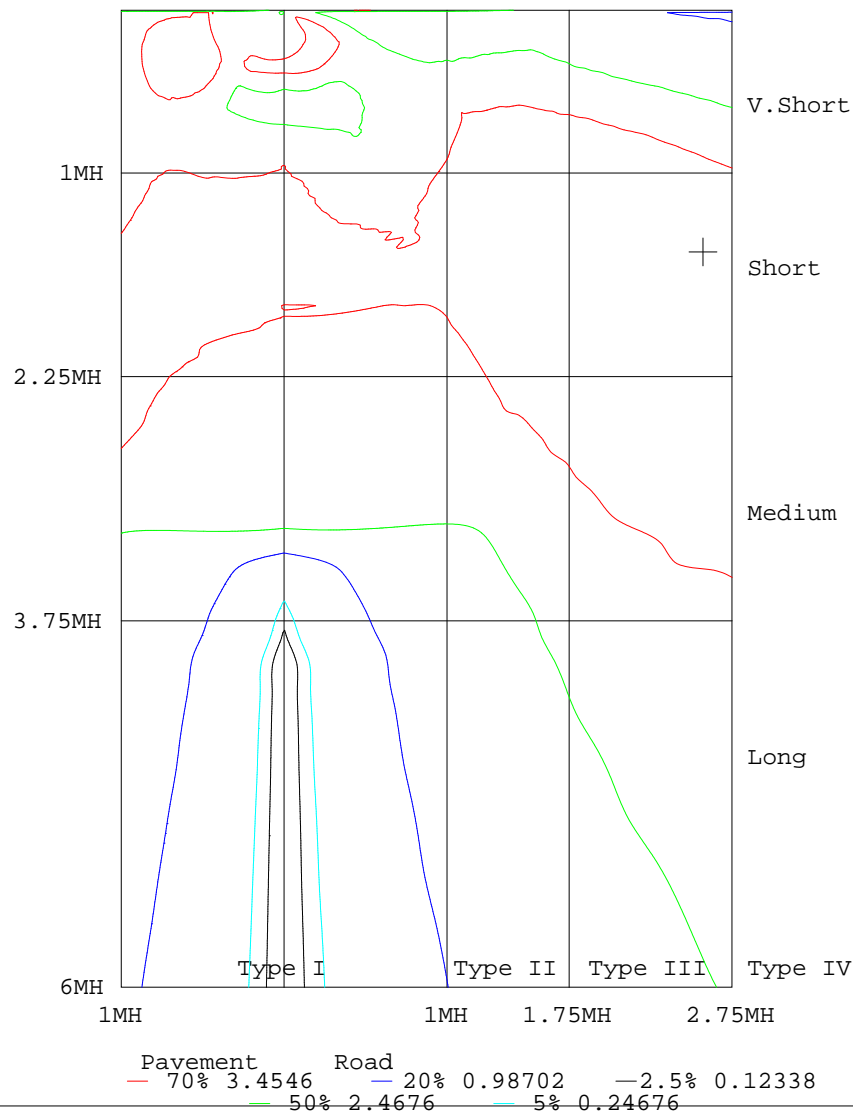
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:24.3℃
Operators:0
Test Date:2025-09-13

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
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:23.951V I:0.0198A P:0.4718W PF:0.9932 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:14.0206x1 lm		
NAME: large frosted ww 90CRI	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 10
MFR.: EXC	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:24.3°C
Operators:0
Test Date:2025-09-13

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
Humidity:42%
Test Distance:14.700m [K=1.0000]
Remarks:

Test:U:23.951V I:0.0198A P:0.4718W PF:0.9932 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:14.0206x1 lm		
NAME: large frosted ww 90CRI	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 10
MFR.: EXC	SUR.:	Shielding Angle:

UNIT: cd

[illegible]

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γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
Humidity:42%
Test Distance:14.700m [K=1.0000]
Remarks:

```