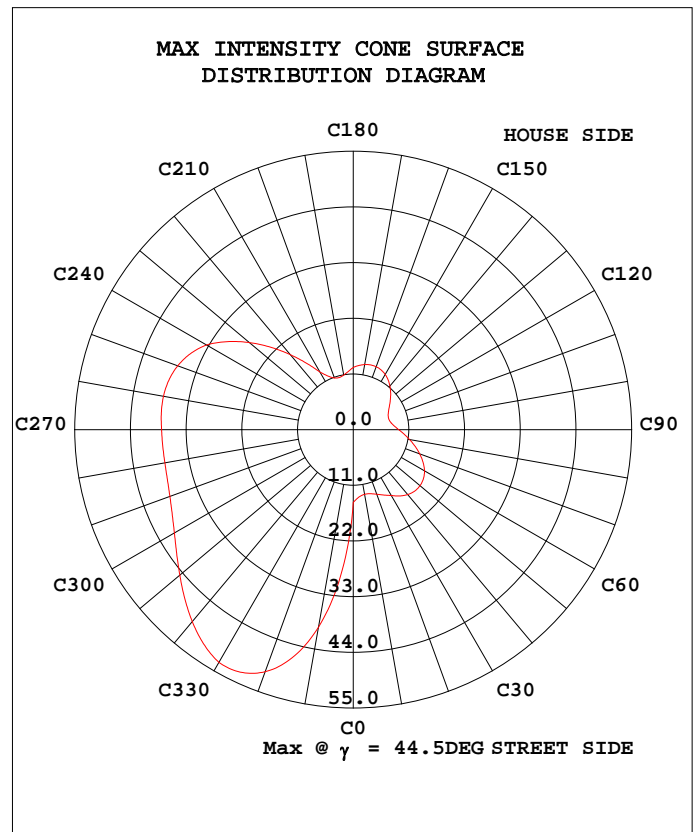
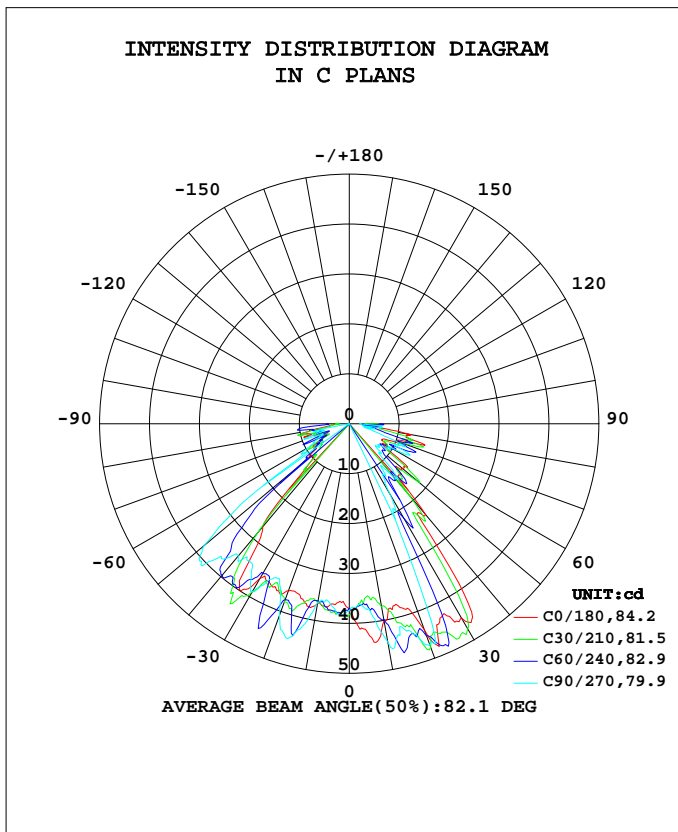


### STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:23.968V I:0.0654A P:1.5654W PF:0.9993 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:99.4697x1 lm		
NAME: LARGE CLEAR GLOBE HO	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2
MFR.: EXC	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 63.54 lm/W			
MODEL		Imax(cd)	53.08	$\eta$ street_up(%)	0.0
NOMINAL POWER(W)	1.2	LOR(%)	100.0	$\eta$ street_down(%)	64.3
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	99.47	$\eta$ house_up(%)	0.0
NOMINAL FLUX(lm)	99.4697	MAXIMUM @(C, $\gamma$ )	330,44.5	$\eta$ house_down(%)	35.7
LAMPS INSIDE	1	$\eta$ up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)		$\eta$ down(%)	100.0	SLI	

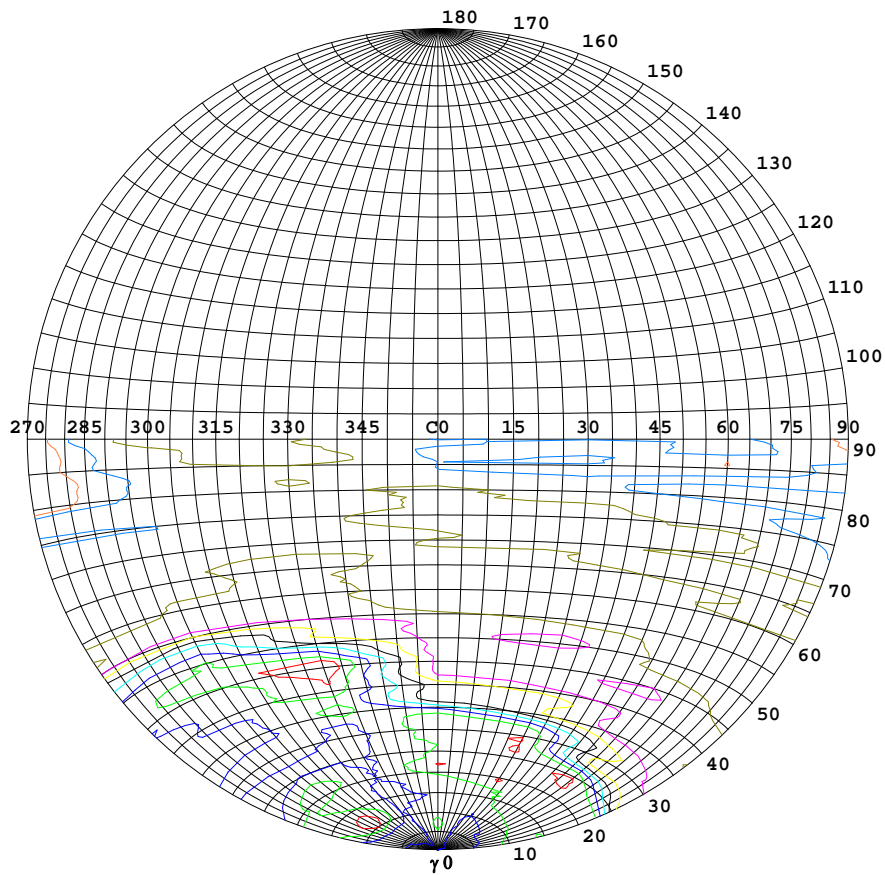


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: MEDIUM  
Temperature:24.3℃  
Operators:0  
Test Date:2025-09-13

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  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:23.968V I:0.0654A P:1.5654W PF:0.9993 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:99.4697x1 lm		
NAME: LARGE CLEAR GLOBE HO	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2
MFR.: EXC	SUR.:	Shielding Angle:



Classification:

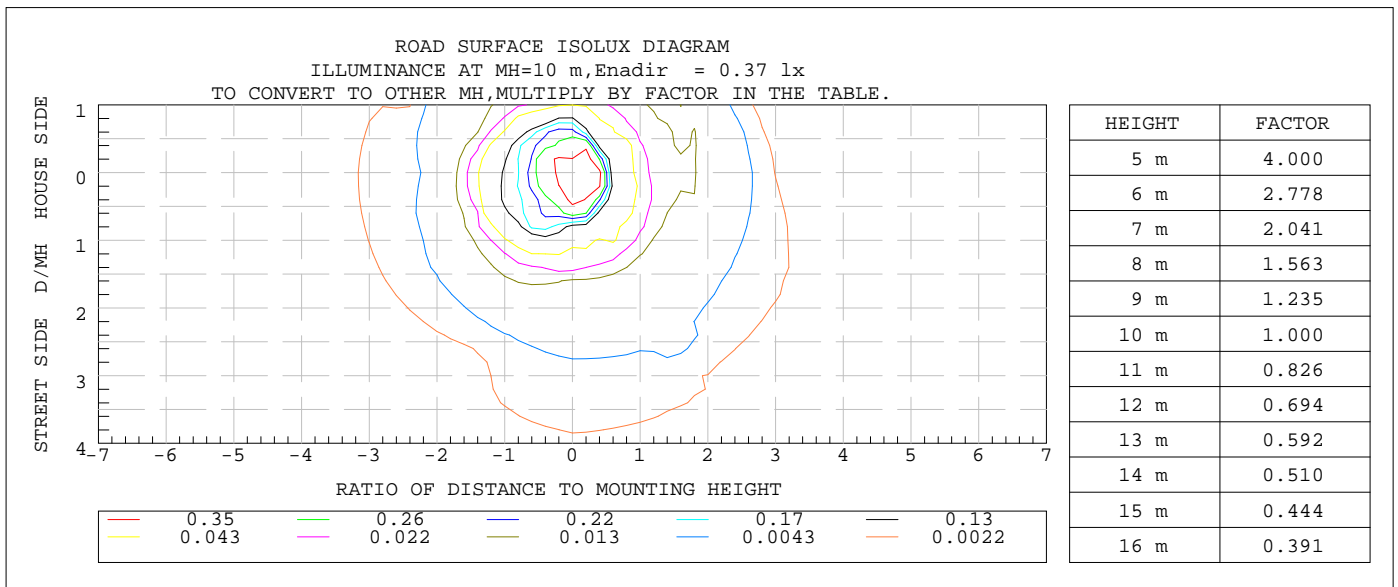
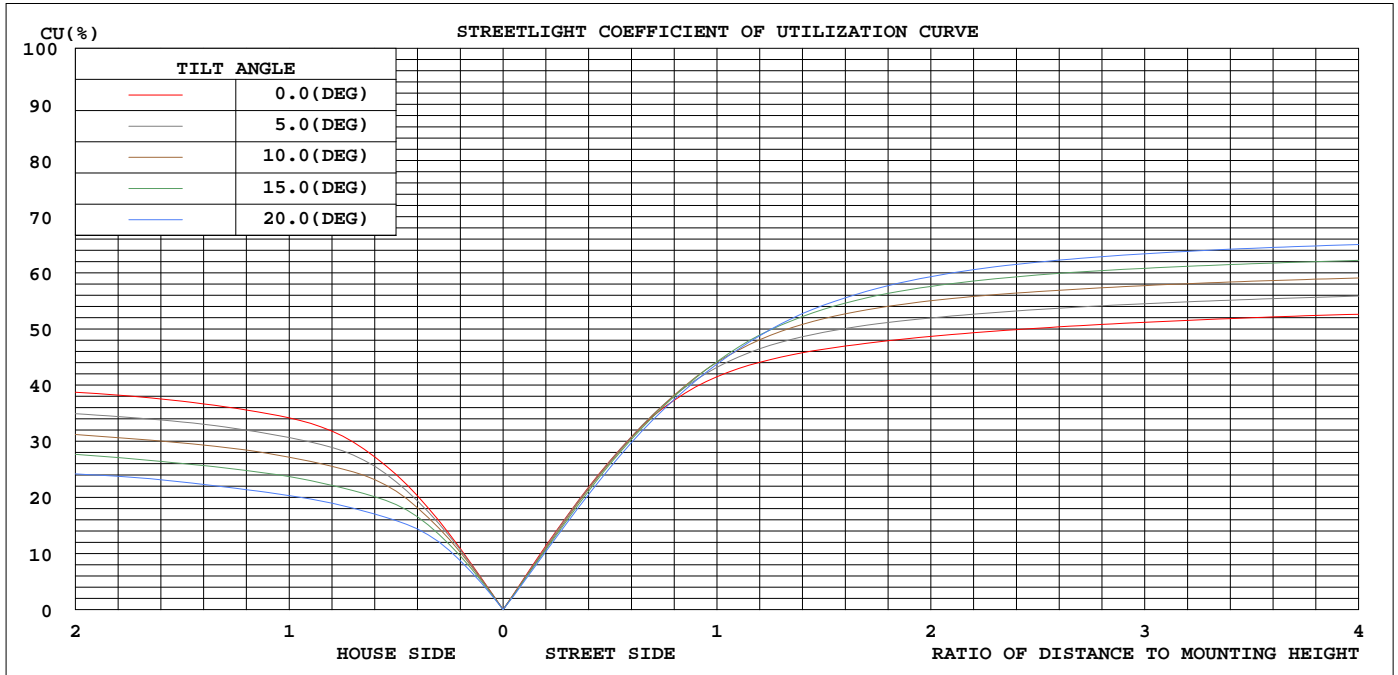
IES:Type I - Very Short  
CIE:Narrow - Short  
IES:None cut-off  
CIE:Non-cut-off  
Max.At80:126.4cd/klm  
Max.At90:144.5cd/klm  
Max.80-90:156.8cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I <sub>max</sub> =100%	53
90%	48
80%	42
70%	37
60%	32
50%	27
40%	21
30%	16
20%	11
10%	5
5%	3

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

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  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:23.968V I:0.0654A P:1.5654W PF:0.9993 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:99.4697x1 lm		
NAME: LARGE CLEAR GLOBE HO	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2
MFR.: EXC	SUR.:	Shielding Angle:

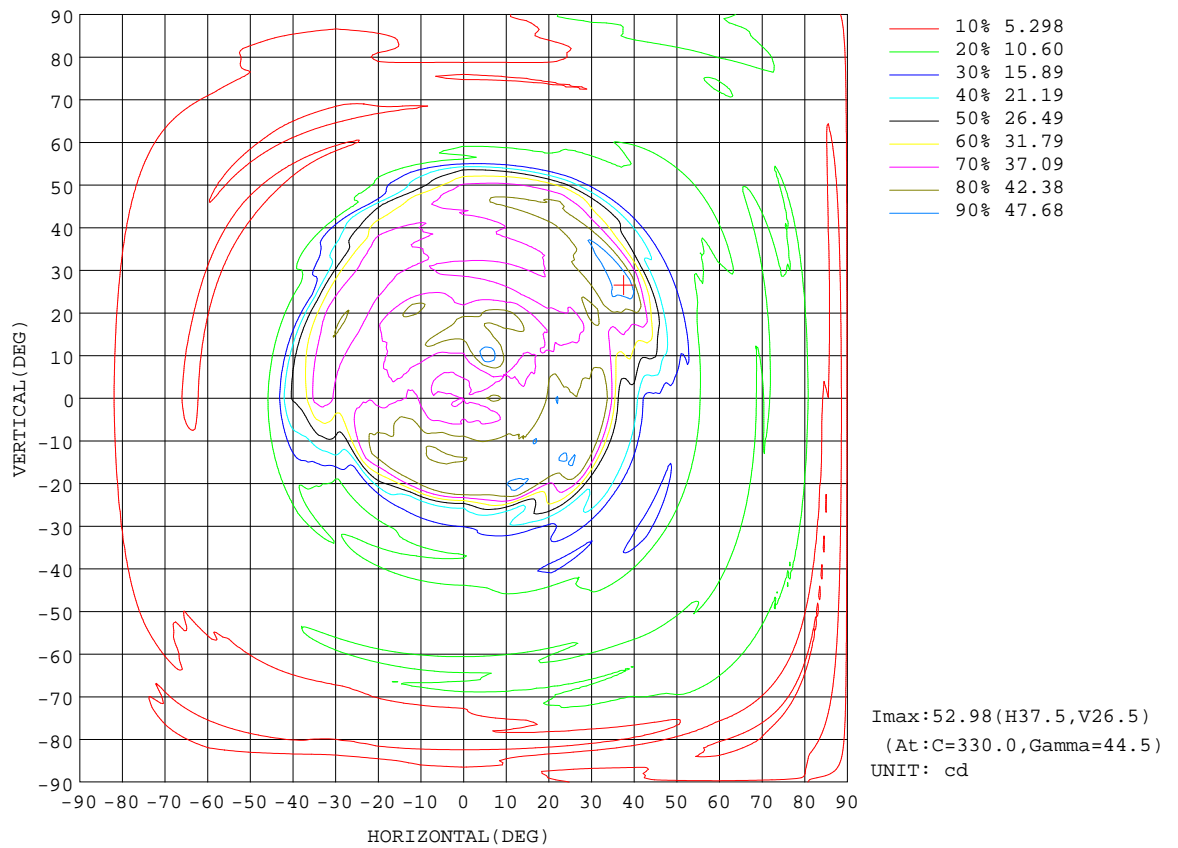
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\Phi$ lum,lamp
10	40.17	38.49	44.32	40.66	36.54	36.21	36.30	42.52	0- 10	3.599	3.599	3.62,3.62
20	43.88	46.40	47.21	44.24	35.66	37.75	40.92	40.96	10- 20	11.68	15.28	15.4,15.4
30	44.87	34.62	16.28	14.88	35.73	36.72	38.85	38.10	20- 30	17.22	32.49	32.7,32.7
40	23.79	16.21	14.44	9.830	27.00	34.19	34.57	43.00	30- 40	17.85	50.34	50.6,50.6
50	13.94	13.53	6.807	6.390	10.23	10.14	37.92	34.66	40- 50	16.45	66.79	67.1,67.1
60	8.289	9.507	9.392	8.608	7.175	7.336	9.262	11.65	50- 60	10.39	77.18	77.6,77.6
70	10.94	10.76	8.733	6.370	6.306	4.687	8.146	8.453	60- 70	8.657	85.83	86.3,86.3
80	12.57	5.369	3.239	3.249	8.073	7.030	0.1105	7.757	70- 80	7.872	93.71	94.2,94.2
90	4.948	6.033	2.049	1.693	2.431	3.446	0	12.90	80- 90	5.763	99.47	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

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

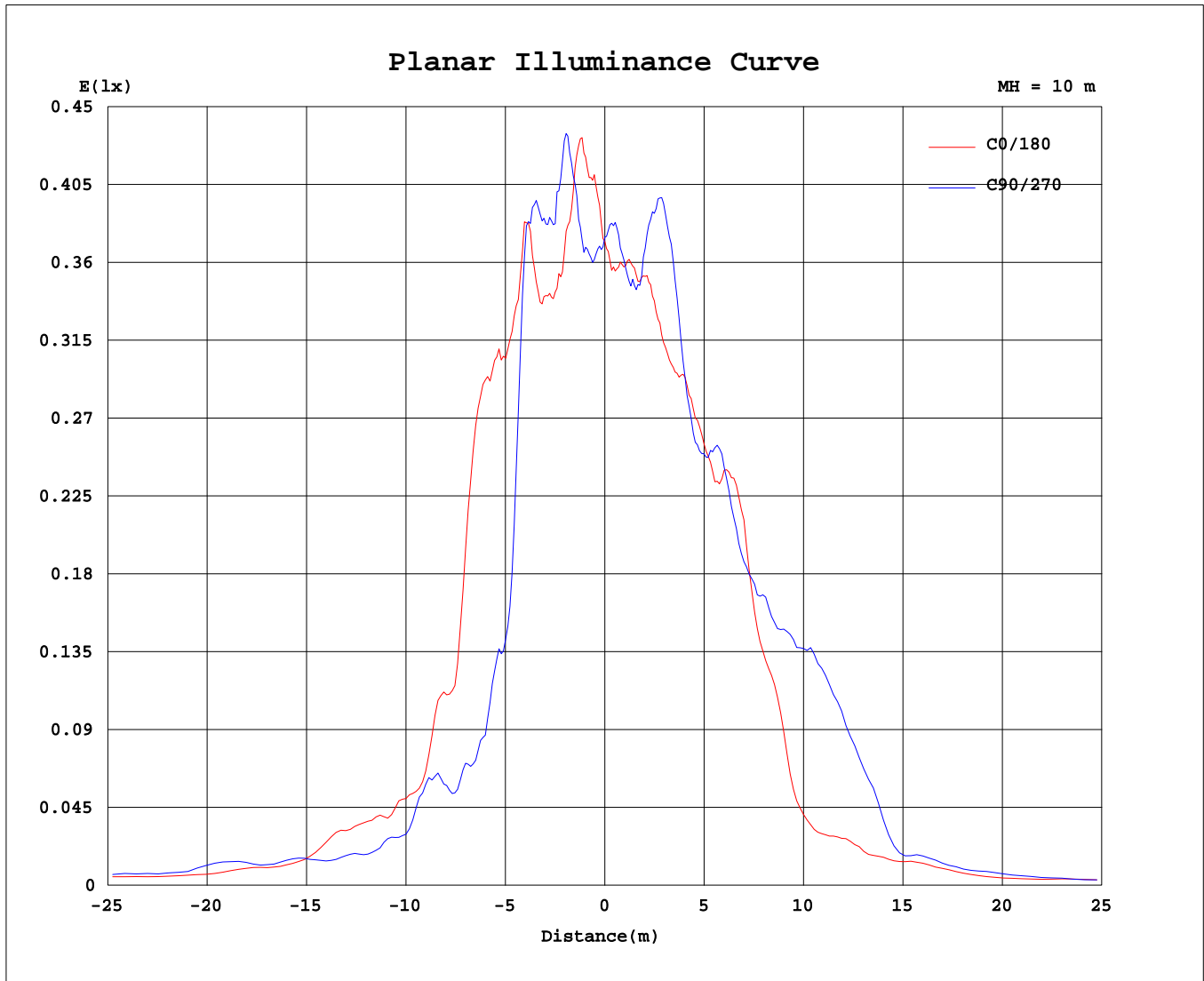
Test:U:23.968V I:0.0654A P:1.5654W PF:0.9993 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:99.4697x1 lm		
NAME: LARGE CLEAR GLOBE HO	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2
MFR.: EXC	SUR.:	Shielding Angle:



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



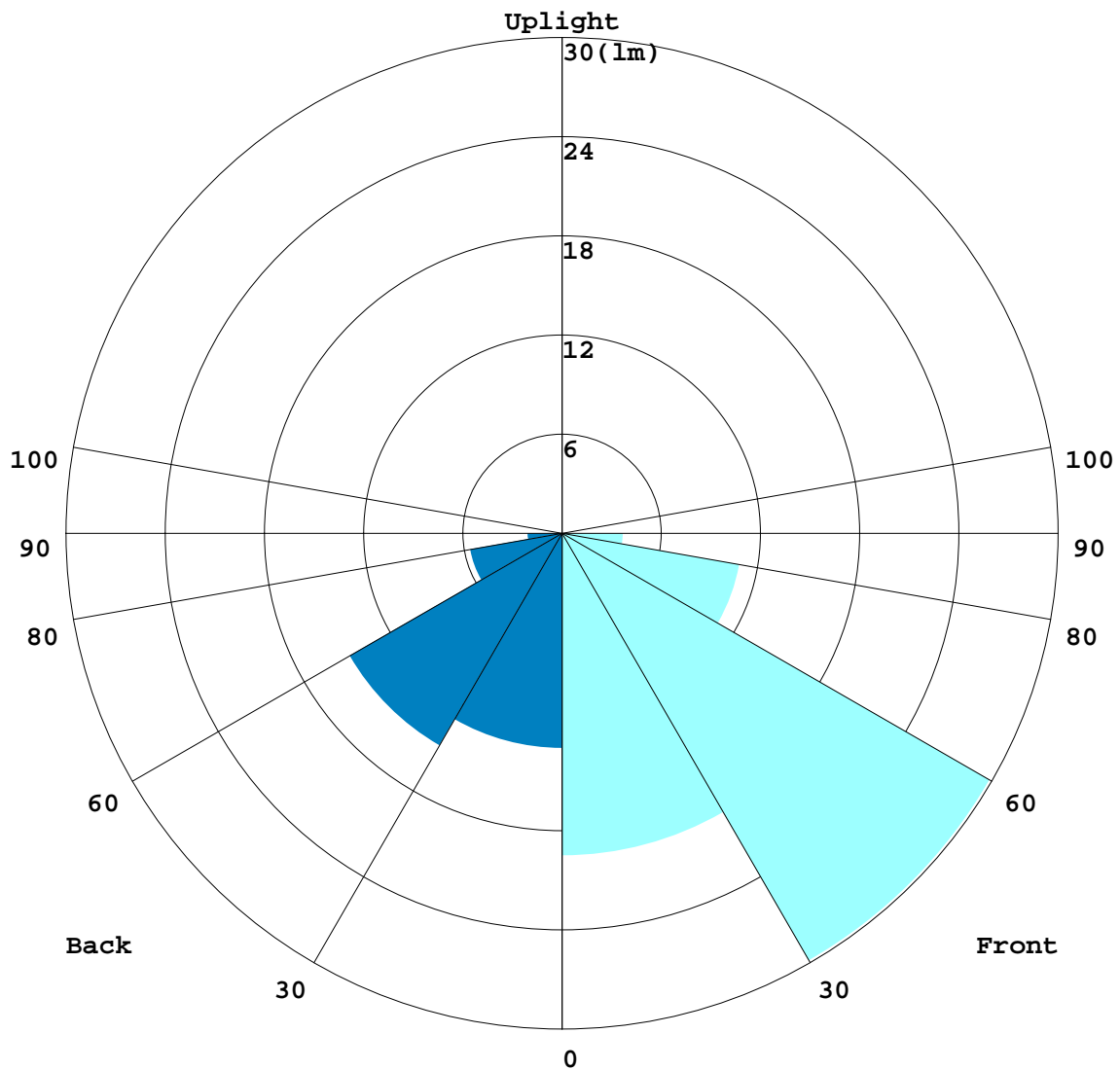
C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: MEDIUM  
 Temperature: 24.3°C  
 Operators: 0  
 Test Date: 2025-09-13

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:23.968V I:0.0654A P:1.5654W PF:0.9993 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:99.4697x1 lm		
NAME: LARGE CLEAR GLOBE HO	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2
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:23.968V I:0.0654A P:1.5654W PF:0.9993 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:99.4697x1 lm		
NAME: LARGE CLEAR GLOBE HO	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2
MFR.: EXC	SUR.:	Shielding Angle:

#### IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	19.497	19.6
FM - Front-Medium(30-60)	29.861	30.0
FH - Front-High(60-80)	10.886	10.9
FVH - Front-Very High(80-90)	3.6841	3.7
Total Forward Light	63.927	64.3

BL - Back-Low(0-30)	12.997	13.1
BM - Back-Medium(30-60)	14.823	14.9
BH - Back-High(60-80)	5.6434	5.7
BVH - Back-Very High(80-90)	2.0789	2.1
Total Back Light	35.543	35.7

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	35.543	0	35.543
Street Side	63.927	0	63.927

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

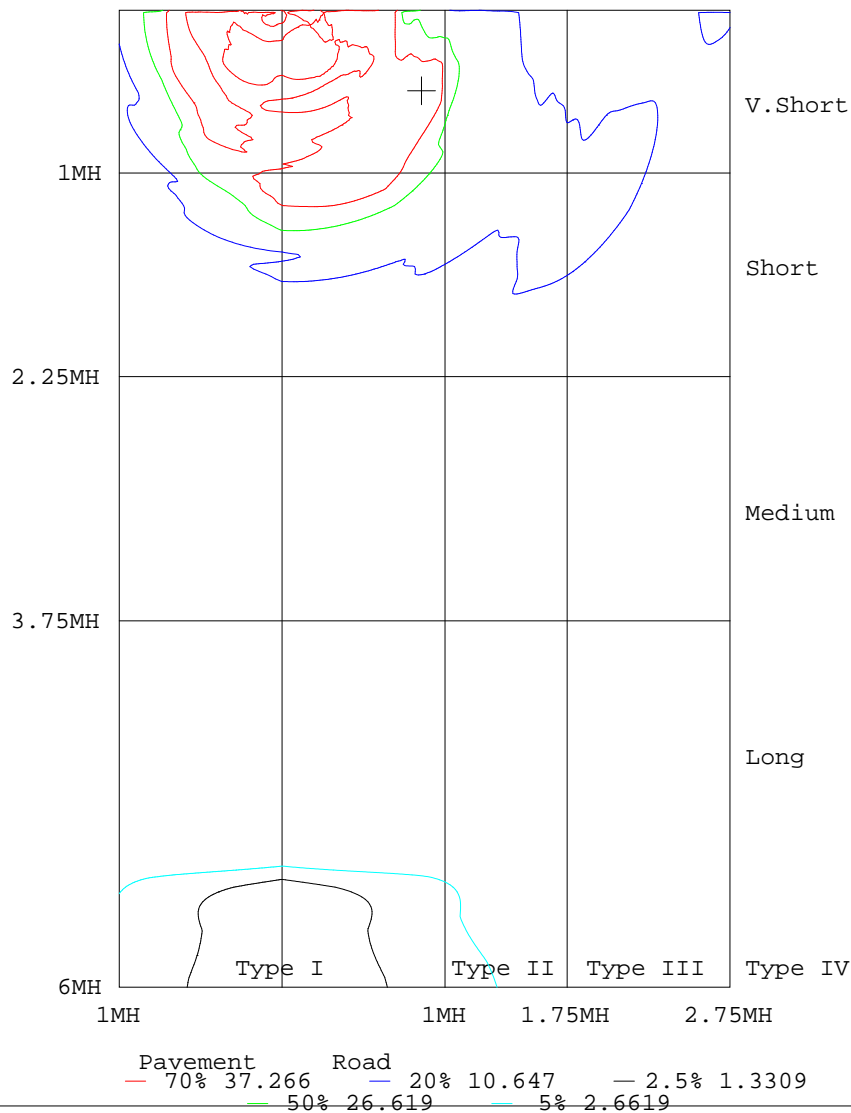
γ Range: 0 - 90DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
Humidity:42%  
Test Distance:14.700m [K=1.0000]  
Remarks:



**ROAD ISOCANDELA REPORT**

Test:U:23.968V I:0.0654A P:1.5654W PF:0.9993 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:99.4697x1 lm		
NAME: LARGE CLEAR GLOBE HO	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2
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:23.968V I:0.0654A P:1.5654W PF:0.9993 Freq:0Hz  
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:99.4697x1 lm

UNIT: cd

```

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:

```