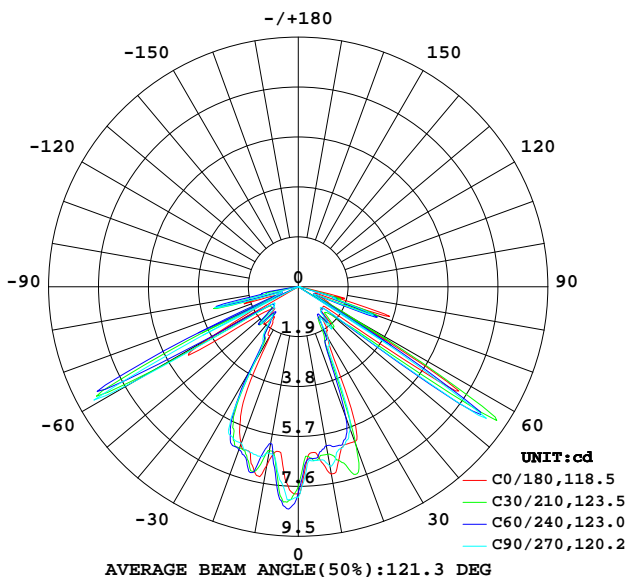
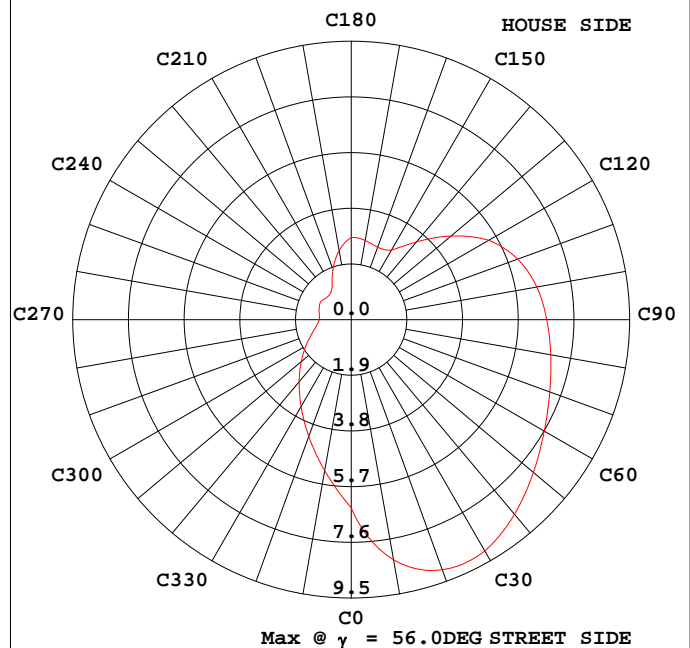


## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:23.963V I:0.0199A P:0.4741W PF:0.9932 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:13.1703x1 lm		
NAME: large clear black top ww	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 7
MFR.: EXC	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 27.78 lm/W			
MODEL		Imax(cd)	9.112	$\eta$ street_up(%)	0.0
NOMINAL POWER(W)	0.6	LOR(%)	100.0	$\eta$ street_down(%)	56.2
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	13.17	$\eta$ house_up(%)	0.0
NOMINAL FLUX(lm)	13.1703	MAXIMUM @(C, $\gamma$ )	30,56.0	$\eta$ house_down(%)	43.8
LAMPS INSIDE	1	$\eta$ up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)		$\eta$ down(%)	100.0	SLI	

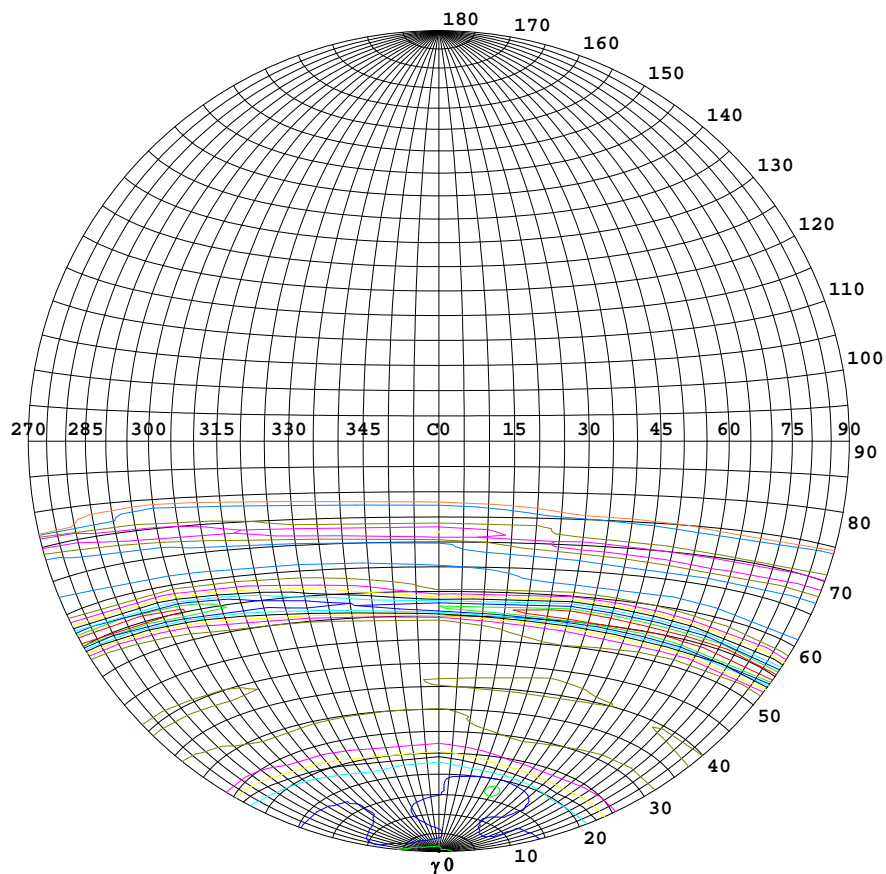
INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANSMAX INTENSITY CONE SURFACE  
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: 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:23.963V I:0.0199A P:0.4741W PF:0.9932 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:13.1703x1 lm		
NAME: large clear black top ww	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 7
MFR.: EXC	SUR.:	Shielding Angle:



## Classification:

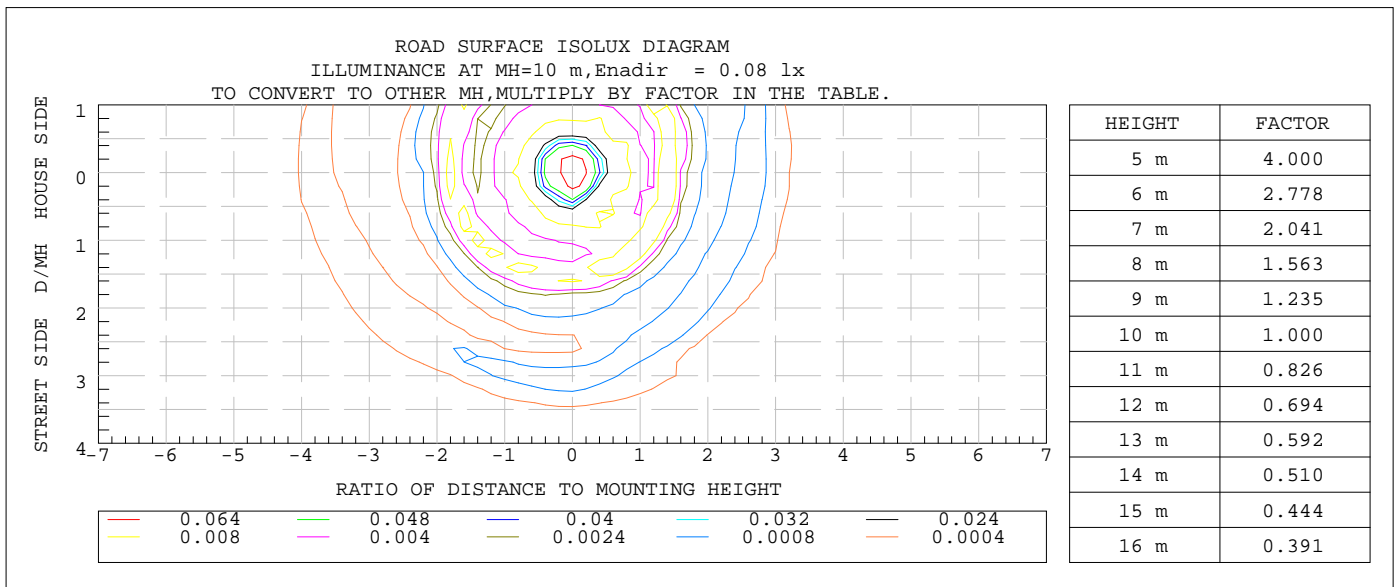
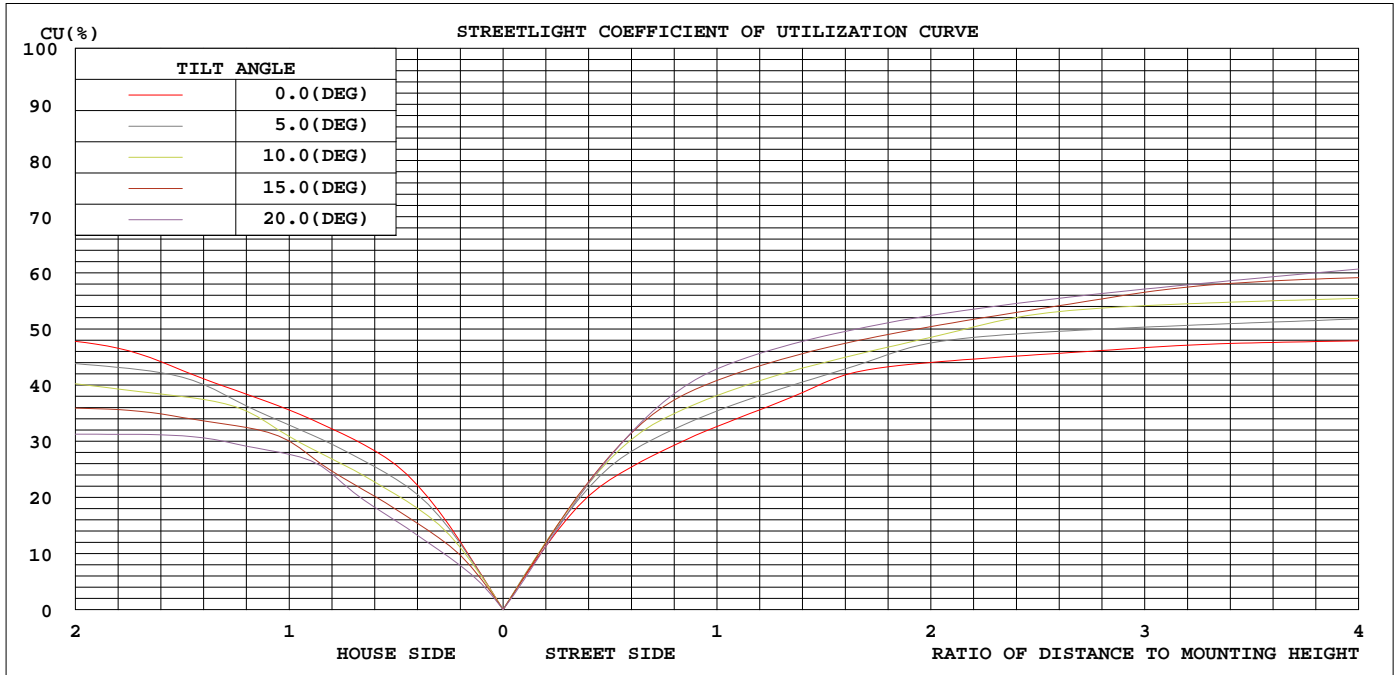
IES:Type II - Short  
CIE:Average - Short  
IES:Full cut-off  
CIE:Semi-cut-off  
Max.At80:99.82cd/klm  
Max.At90:0cd/klm  
Max.80-90:99.82cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	9
90%	8
80%	7
70%	6
60%	5
50%	5
40%	4
30%	3
20%	2
10%	1
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:23.963V I:0.0199A P:0.4741W PF:0.9932 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:13.1703x1 lm		
NAME: large clear black top ww	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 7
MFR.: EXC	SUR.:	Shielding Angle:

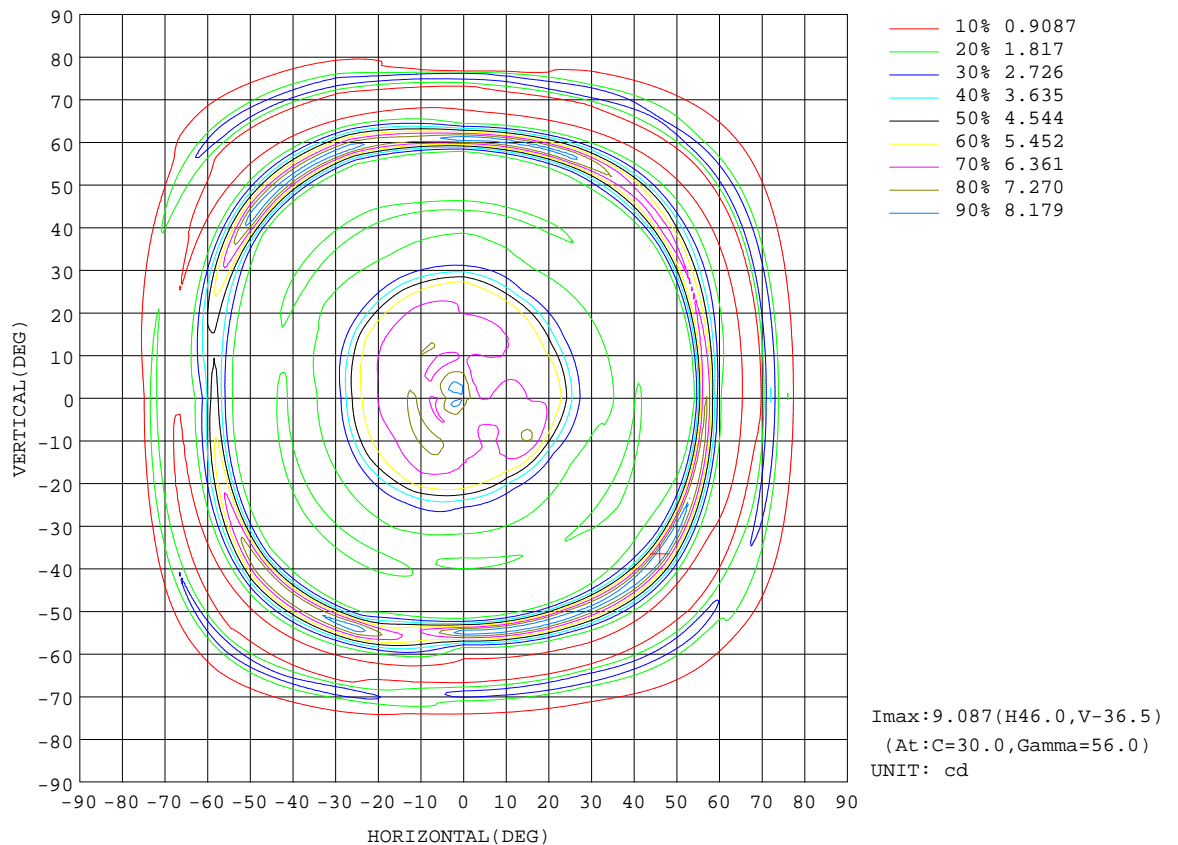
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\Phi$ lum,lamp
10	7.238	6.311	6.927	6.902	6.896	6.198	6.441	6.120	0- 10	0.6406	0.6406	4.86,4.86
20	6.267	5.868	5.779	6.294	6.386	6.571	6.338	6.068	10- 20	1.872	2.513	19.1,19.1
30	2.309	1.815	2.239	2.361	2.170	3.533	3.357	2.370	20- 30	1.999	4.512	34.3,34.3
40	1.785	1.884	1.819	1.553	1.546	1.562	1.616	1.276	30- 40	1.154	5.666	43,43
50	1.215	1.580	1.391	1.268	1.337	1.389	1.198	1.138	40- 50	1.166	6.832	51.9,51.9
60	2.094	1.986	0.9892	6.261	3.824	4.959	7.250	6.768	50- 60	2.894	9.725	73.8,73.8
70	1.136	2.808	2.838	1.305	1.060	0.7204	0.7299	0.6773	60- 70	2.136	11.86	90.1,90.1
80	0.0177	0.0347	0.1200	0	0.0860	0.9125	0	0.0947	70- 80	1.285	13.15	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	0.0234	13.17	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

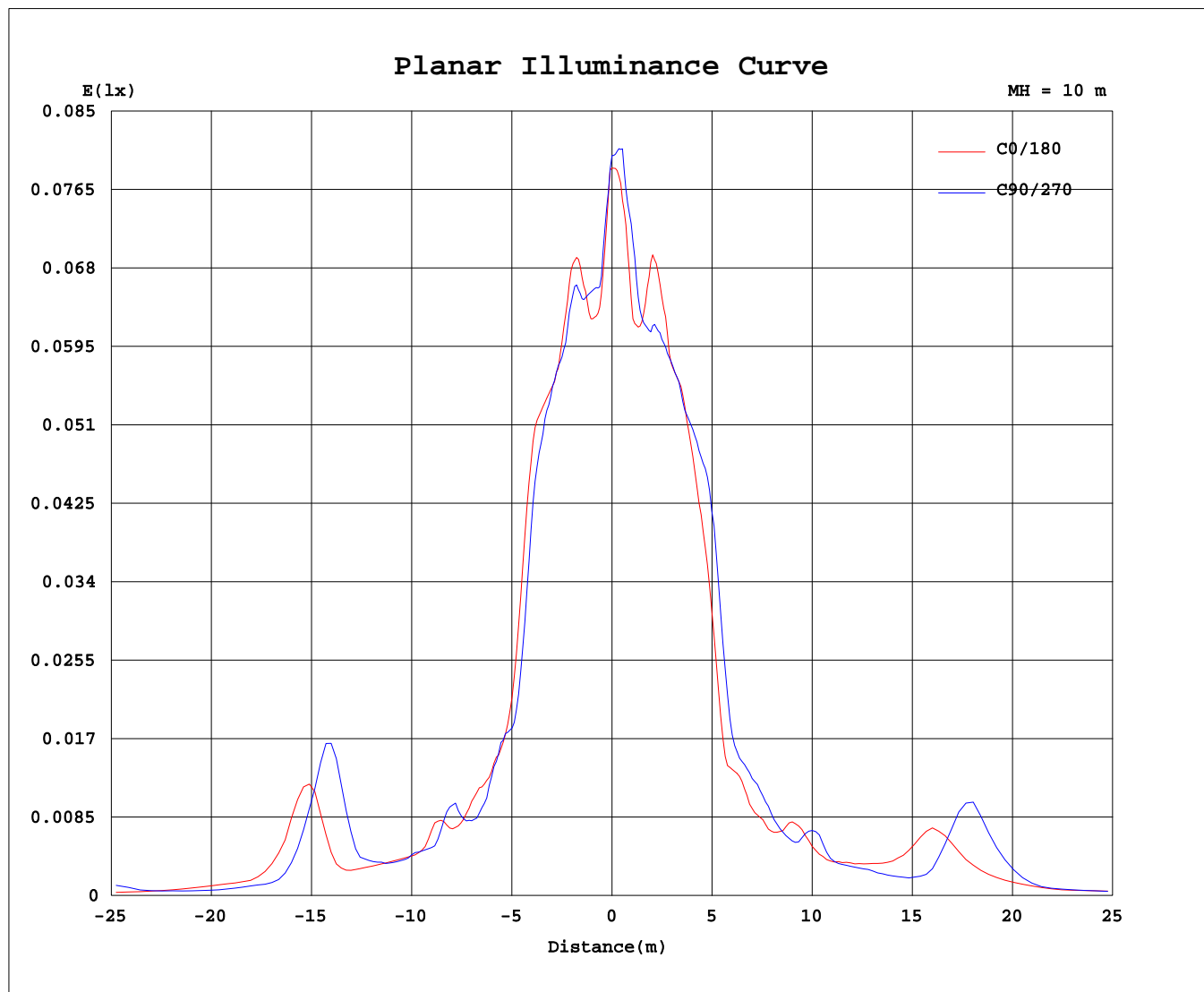
Test:U:23.963V I:0.0199A P:0.4741W PF:0.9932 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:13.1703x1 lm		
NAME: large clear black top ww	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 7
MFR.: EXC	SUR.:	Shielding Angle:



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



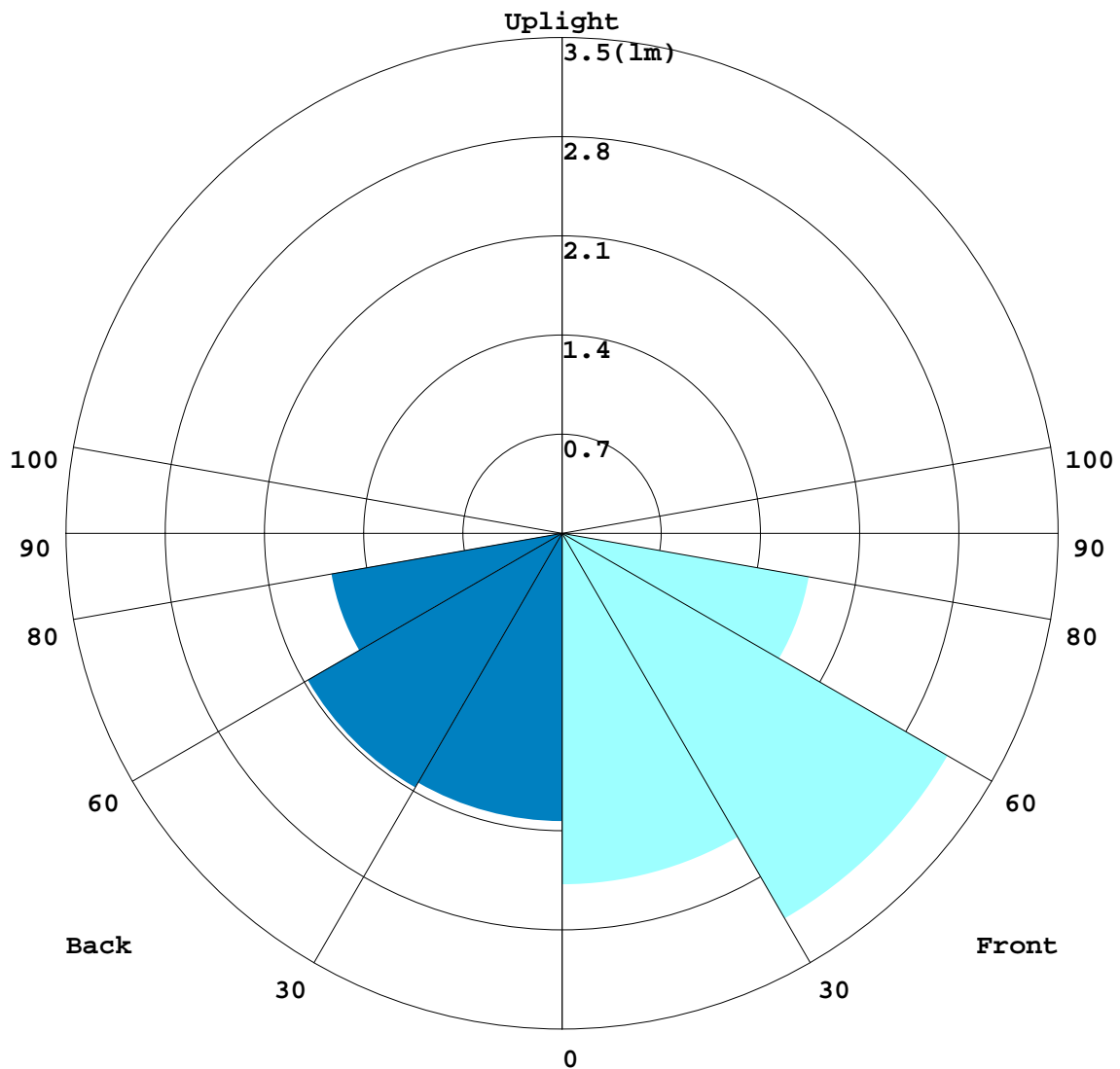
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: MEDIUM  
Temperature: 24.3°C  
Operators: 0  
Test Date: 2025-09-13

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:23.963V I:0.0199A P:0.4741W PF:0.9932 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:13.1703x1 lm		
NAME: large clear black top ww	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 7
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:23.963V I:0.0199A P:0.4741W PF:0.9932 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:13.1703x1 lm		
NAME: large clear black top ww	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 7
MFR.: EXC	SUR.:	Shielding Angle:

### IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	2.4793	18.8
FM - Front-Medium(30-60)	3.1413	23.9
FH - Front-High(60-80)	1.7692	13.4
FVH - Front-Very High(80-90)	0.005628	0.0
Total Forward Light	7.3955	56.2

BL - Back-Low(0-30)	2.0326	15.4
BM - Back-Medium(30-60)	2.0723	15.7
BH - Back-High(60-80)	1.6522	12.5
BVH - Back-Very High(80-90)	0.017776	0.1
Total Back Light	5.7749	43.8

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
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	5.7749	0	5.7749
Street Side	7.3955	0	7.3955

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

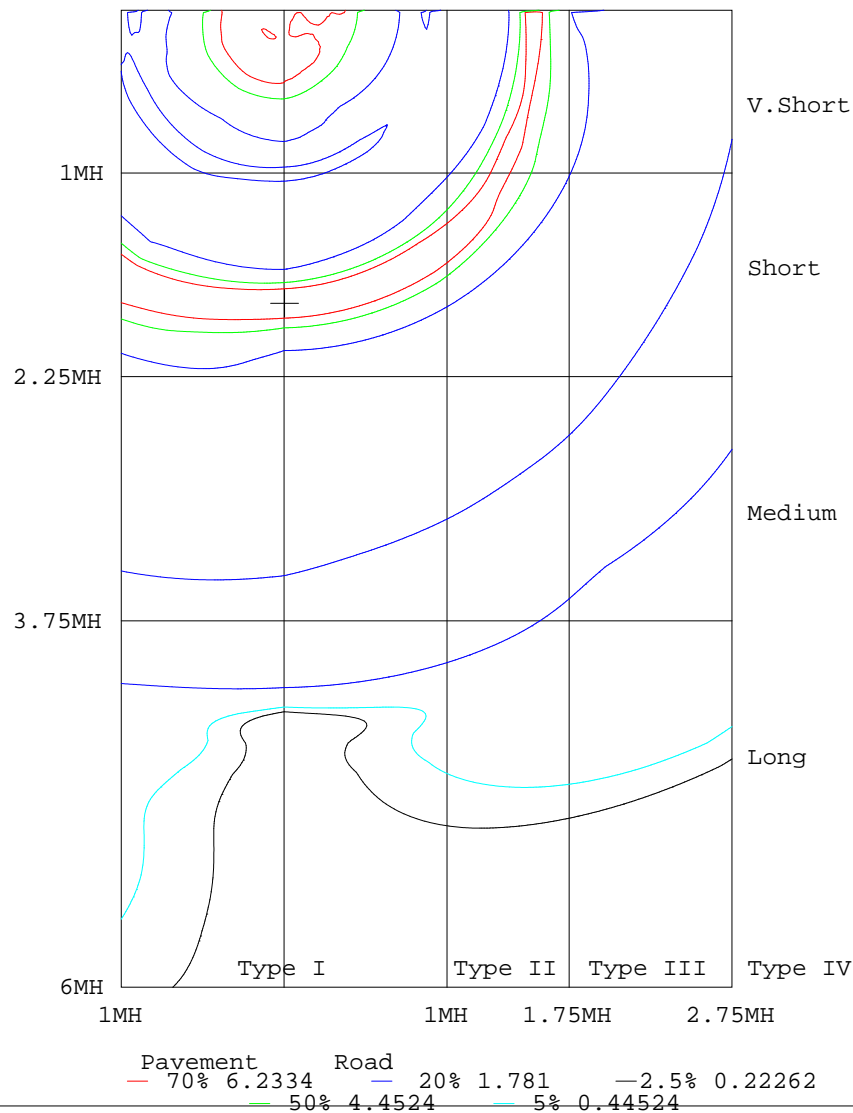
γ Range: 0 - 90DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
Humidity:42%  
Test Distance:14.700m [K=1.0000]  
Remarks:



ROAD ISOCANDELA REPORT

Test:U:23.963V I:0.0199A P:0.4741W PF:0.9932 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:13.1703x1 lm		
NAME: large clear black top ww	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 7
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:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:23.963V I:0.0199A P:0.4741W PF:0.9932 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0      Lamp Flux:13.1703x1 lm		
NAME: large clear black top ww	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 7
MFR.: EXC	SUR.:	Shielding Angle:

Table--1

UNIT: cd

[illegible]

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:

```