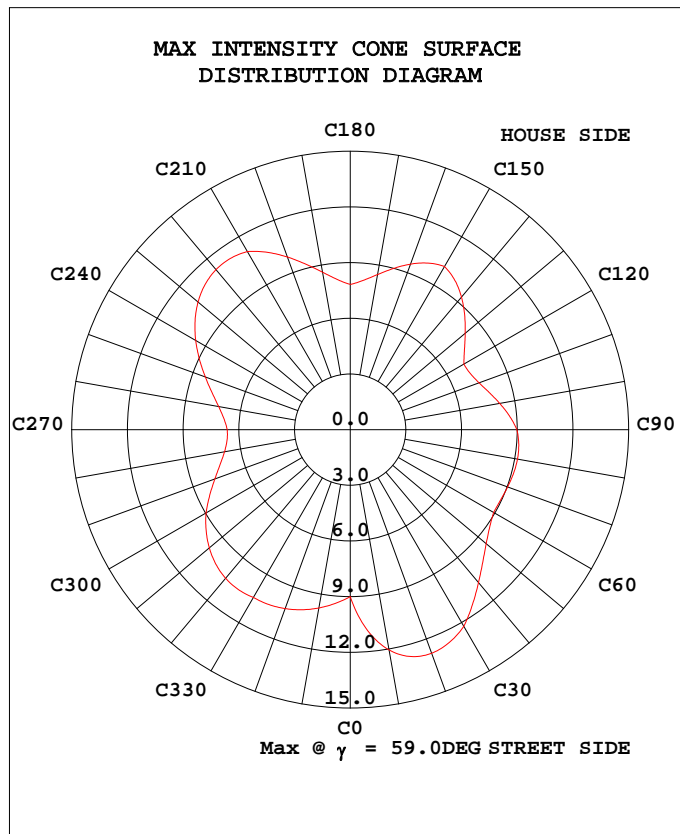
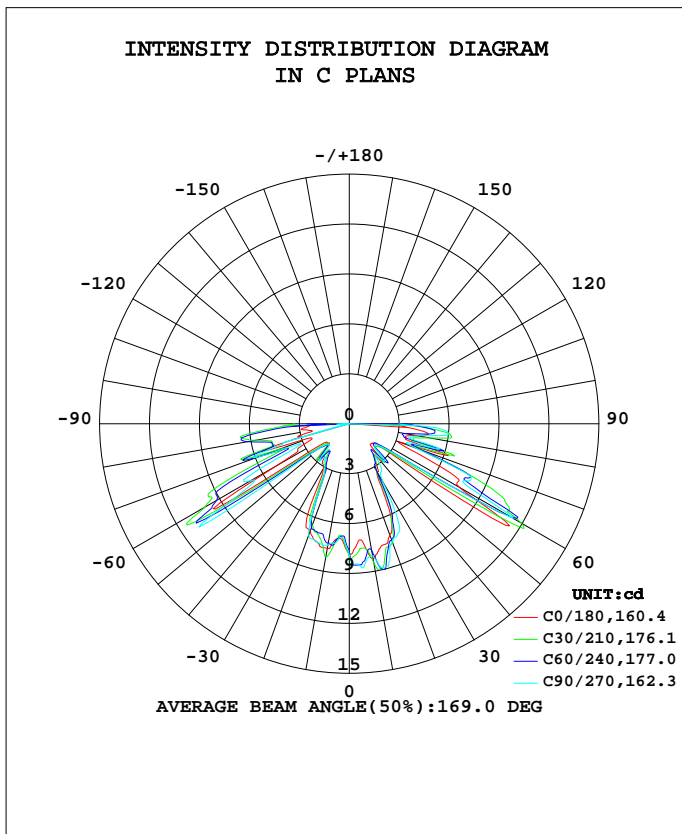


## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:23.960V I:0.0198A P:0.4711W PF:0.9931 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:29.7083x1 lm		
NAME: large clear ww	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 4
MFR.: EXC	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 63.07 lm/W			
MODEL		I <sub>max</sub> (cd)	12.24	η street_up(%)	0.0
NOMINAL POWER(W)	0.6	LOR(%)	100.0	η street_down(%)	57.7
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	29.71	η house_up(%)	0.0
NOMINAL FLUX(lm)	29.7083	MAXIMUM @(C,γ )	30,59.0	η house_down(%)	42.3
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)		η down(%)	100.0	SLI	

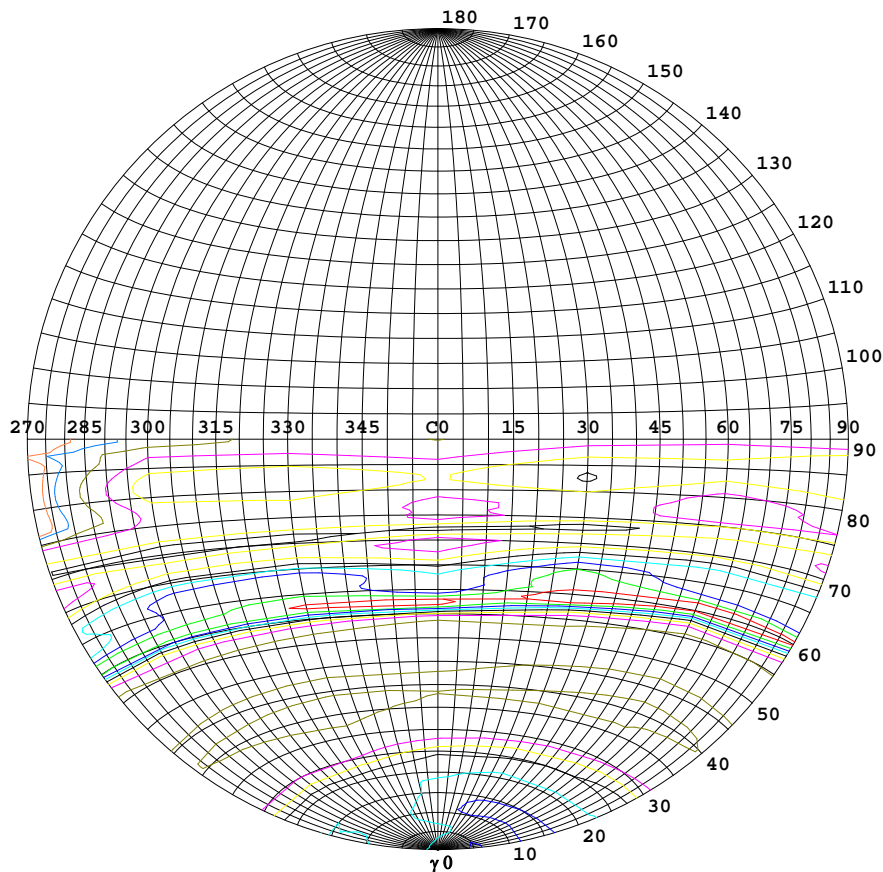


C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: MEDIUM  
Temperature:24.3℃  
Operators:0  
Test Date:2025-09-13

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:23.960V I:0.0198A P:0.4711W PF:0.9931 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:29.7083x1 lm		
NAME: large clear ww	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 4
MFR.: EXC	SUR.:	Shielding Angle:



Classification:

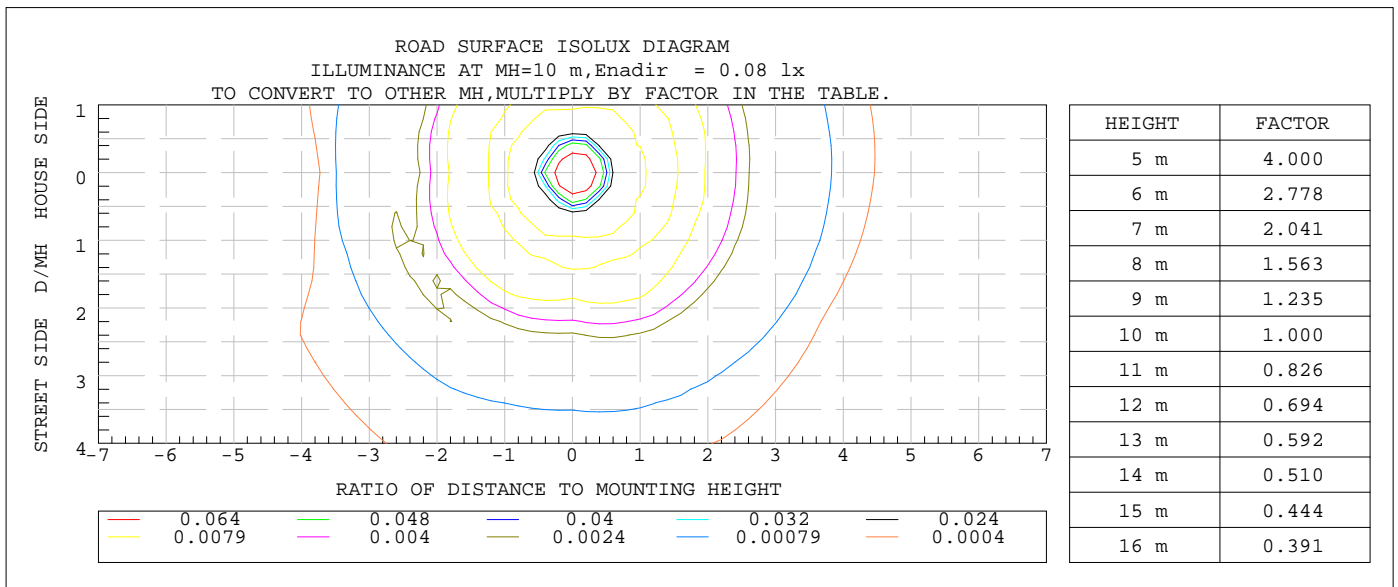
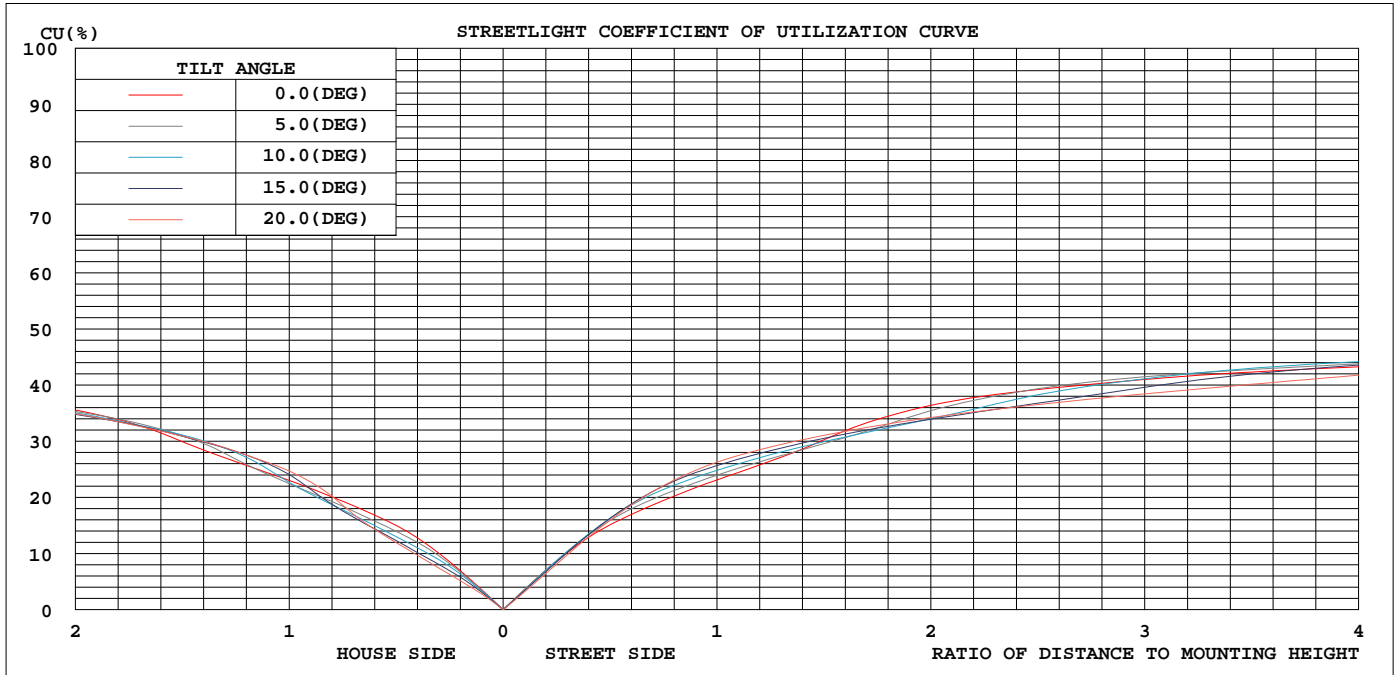
IES:Type VS - Short  
 CIE:Broad - Short  
 IES:None cut-off  
 CIE:Non-cut-off  
 Max.At80:208.8cd/klm  
 Max.At90:130.9cd/klm  
 Max.80-90:222.6cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I <sub>max</sub> =100%	12
90%	11
80%	10
70%	9
60%	7
50%	6
40%	5
30%	4
20%	2
10%	1
5%	1

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:23.960V I:0.0198A P:0.4711W PF:0.9931 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:29.7083x1 lm		
NAME: large clear ww	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 4
MFR.: EXC	SUR.:	Shielding Angle:

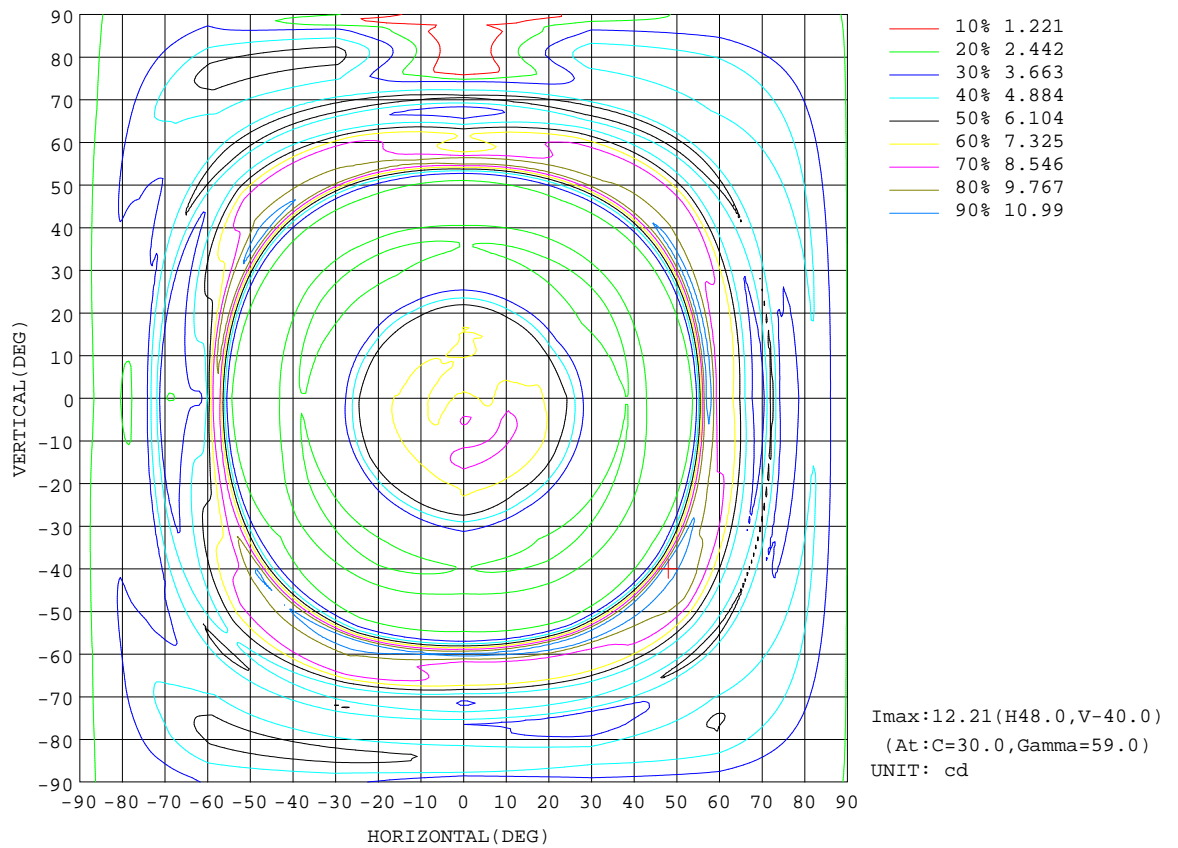
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\Phi$ lum,lamp
10	8.228	8.091	8.057	7.388	7.604	7.683	7.377	7.118	0- 10	0.7123	0.7123	2.4,2.4
20	7.120	7.534	7.551	7.049	6.857	6.571	7.137	6.787	10- 20	2.132	2.844	9.57,9.57
30	3.368	3.318	4.094	3.240	3.107	2.812	3.005	2.751	20- 30	2.344	5.188	17.5,17.5
40	2.843	2.241	2.483	2.137	2.781	2.646	2.712	2.819	30- 40	1.658	6.847	23,23
50	1.822	2.014	2.031	2.127	1.736	2.032	2.117	2.136	40- 50	1.757	8.604	29,29
60	7.646	11.55	11.38	10.80	5.104	9.611	6.871	9.273	50- 60	4.820	13.42	45.2,45.2
70	3.160	4.482	4.178	5.325	2.521	5.255	5.876	6.192	60- 70	6.982	20.40	68.7,68.7
80	4.180	4.176	4.221	4.774	2.329	5.964	0	5.460	70- 80	4.682	25.09	84.4,84.4
90	2.413	3.281	2.986	3.819	2.257	2.908	0	2.283	80- 90	4.622	29.71	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

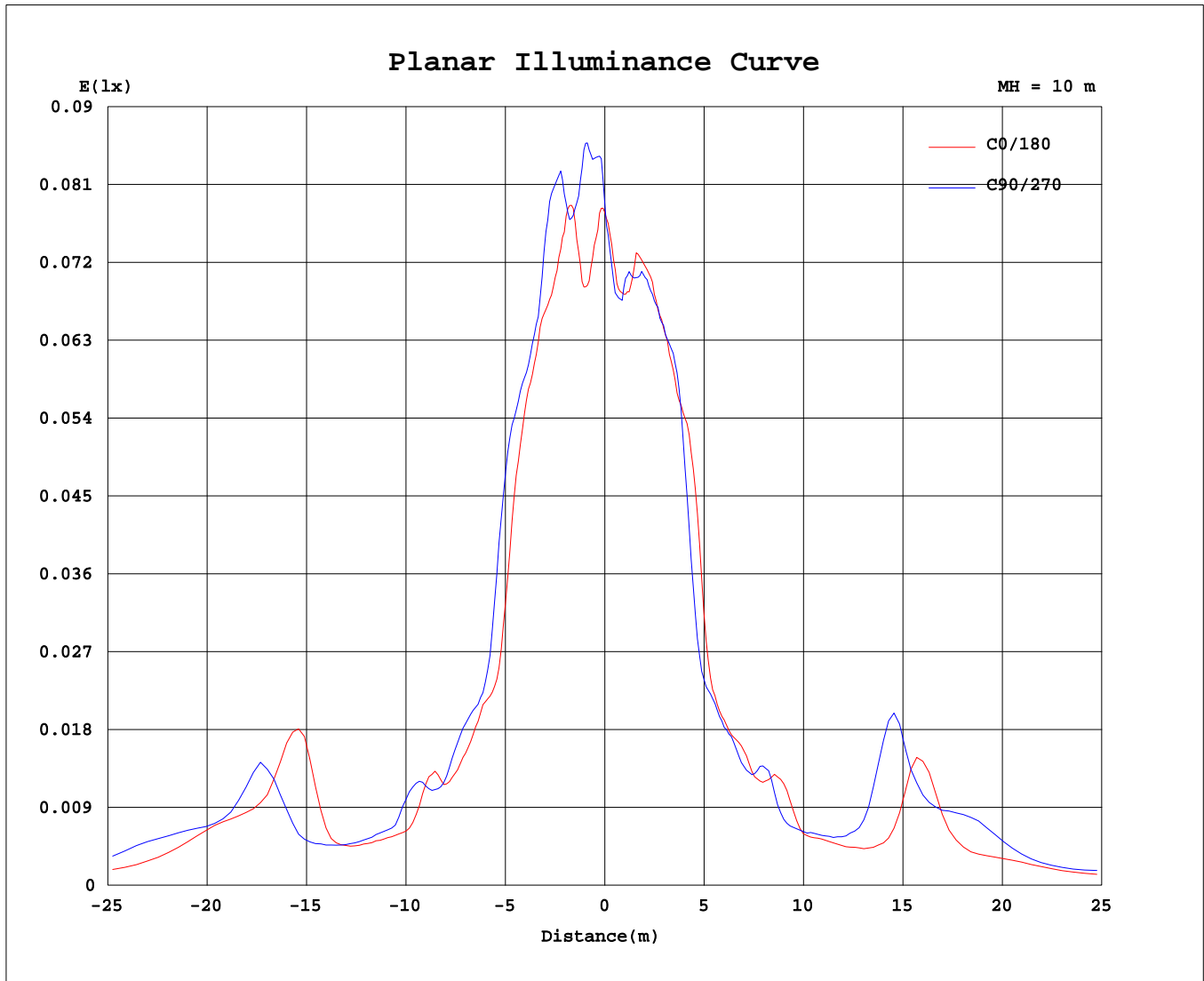
Test:U:23.960V I:0.0198A P:0.4711W PF:0.9931 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:29.7083x1 lm		
NAME: large clear ww	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 4
MFR.: EXC	SUR.:	Shielding Angle:



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



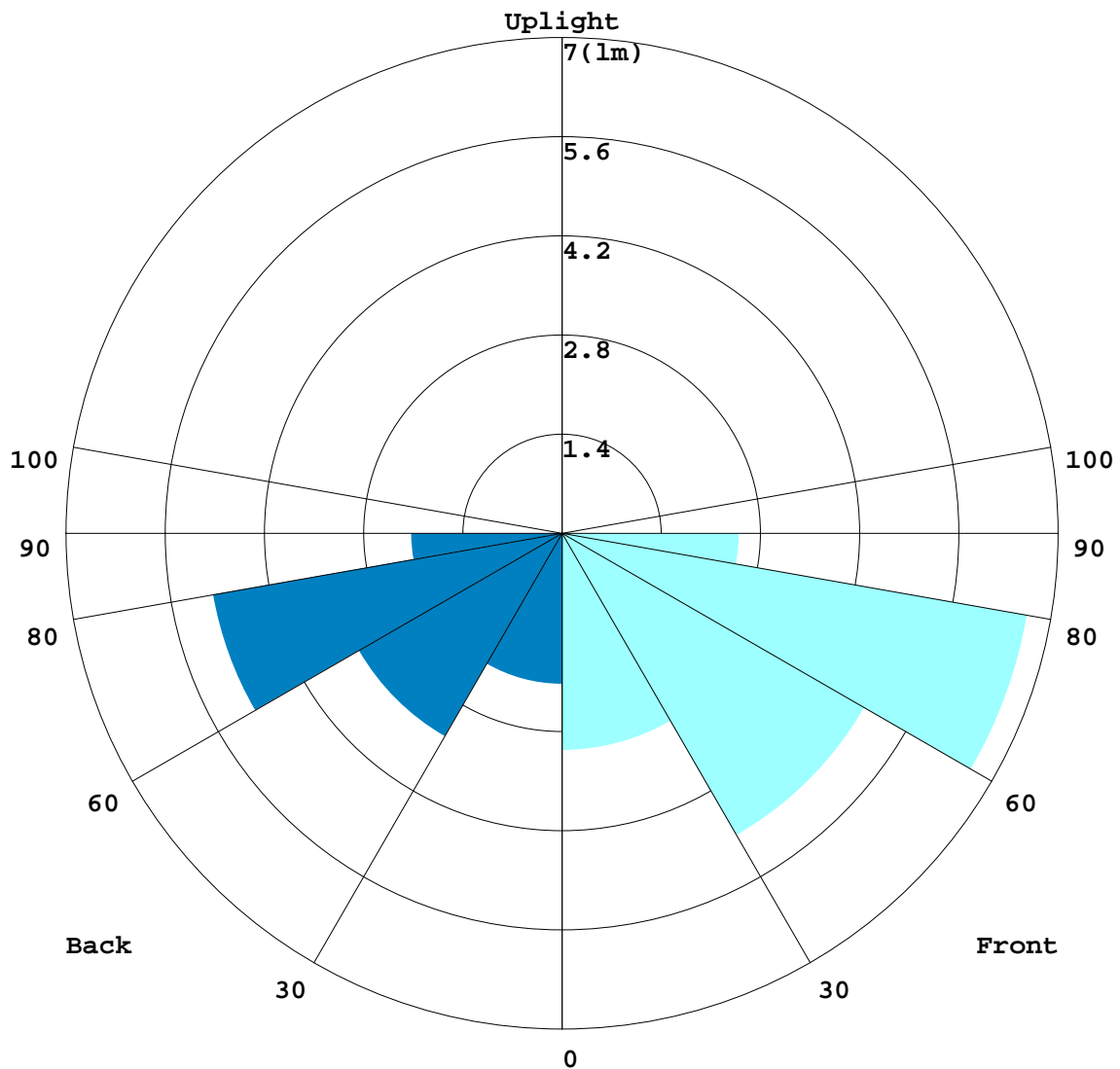
C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: MEDIUM  
 Temperature: 24.3°C  
 Operators: 0  
 Test Date: 2025-09-13

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:23.960V I:0.0198A P:0.4711W PF:0.9931 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:29.7083x1 lm		
NAME: large clear ww	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 4
MFR.: EXC	SUR.:	Shielding Angle:

**LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH**



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:

### BUG REPORT

Test:U:23.960V I:0.0198A P:0.4711W PF:0.9931 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:29.7083x1 lm		
NAME: large clear ww	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 4
MFR.: EXC	SUR.:	Shielding Angle:

#### IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	3.062	10.3
FM - Front-Medium(30-60)	4.9247	16.6
FH - Front-High(60-80)	6.6636	22.4
FVH - Front-Very High(80-90)	2.4935	8.4
Total Forward Light	17.144	57.7

BL - Back-Low(0-30)	2.1264	7.2
BM - Back-Medium(30-60)	3.31	11.1
BH - Back-High(60-80)	4.9998	16.8
BVH - Back-Very High(80-90)	2.1283	7.2
Total Back Light	12.565	42.3

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	12.565	0	12.565
Street Side	17.144	0	17.144

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

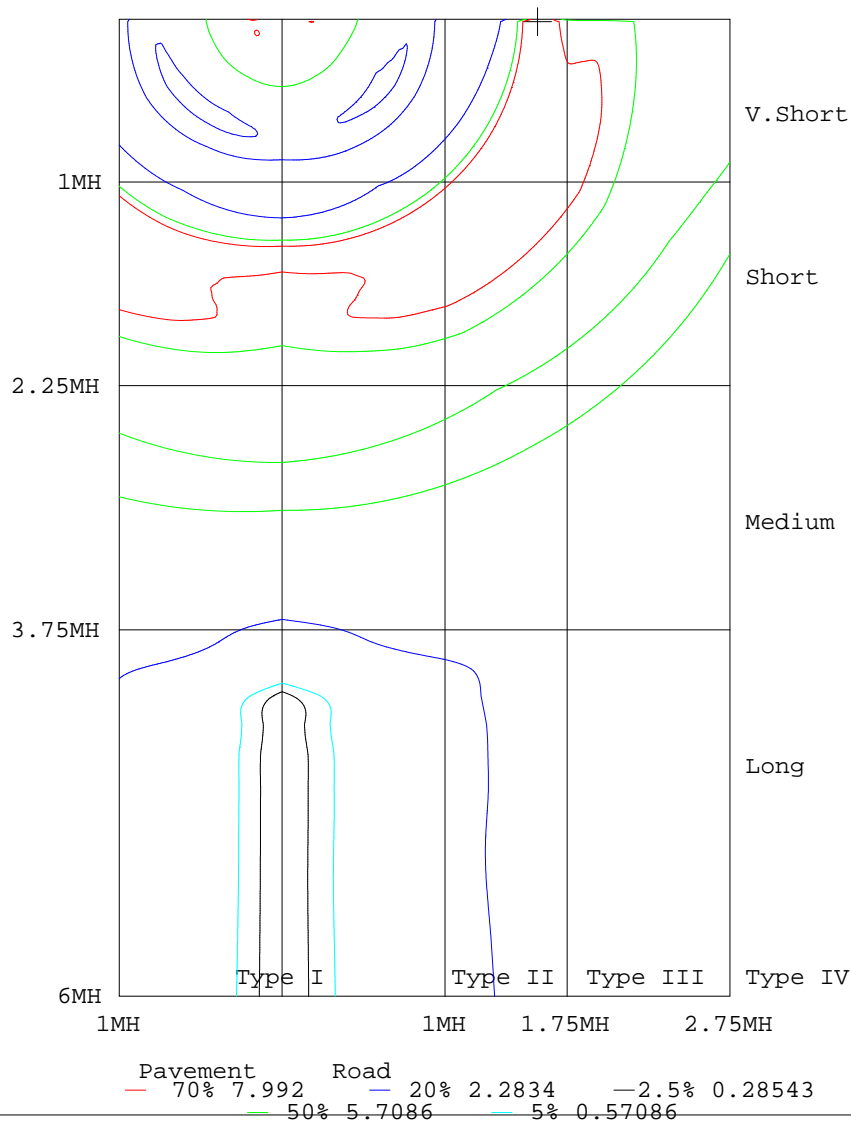
γ Range: 0 - 90DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
Humidity:42%  
Test Distance:14.700m [K=1.0000]  
Remarks:



ROAD ISOCANDELA REPORT

Test:U:23.960V I:0.0198A P:0.4711W PF:0.9931 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:29.7083x1 lm		
NAME: large clear ww	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 4
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:

```

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:

```