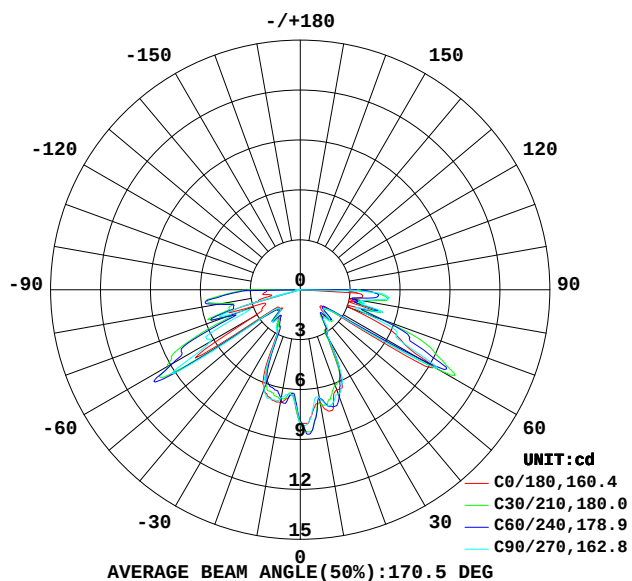
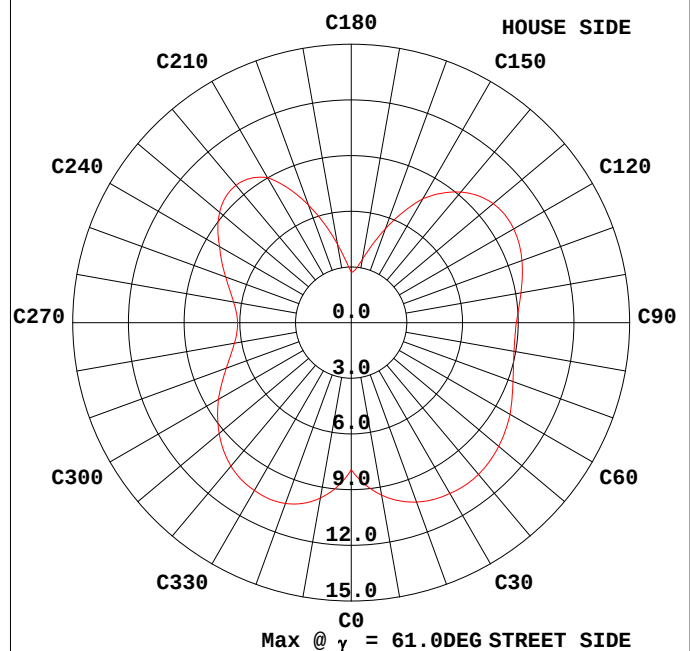


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:23.969V I:0.0192A P:0.4568W PF:0.9927 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:26.7034x1 lm		
NAME: large clear cw	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 5
MFR.: EXC	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 58.46 lm/W
MODEL		I _{max} (cd)	10.62	η street_up(%)	0.0	
NOMINAL POWER(W)	0.6	LOR(%)	100.0	η street_down(%)	57.9	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	26.70	η house_up(%)	0.0	
NOMINAL FLUX(lm)	26.7034	MAXIMUM @(C,γ)	30,61.0	η house_down(%)	42.1	
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)		
TEST VOLTAGE(V)		η down(%)	100.0	SLI		

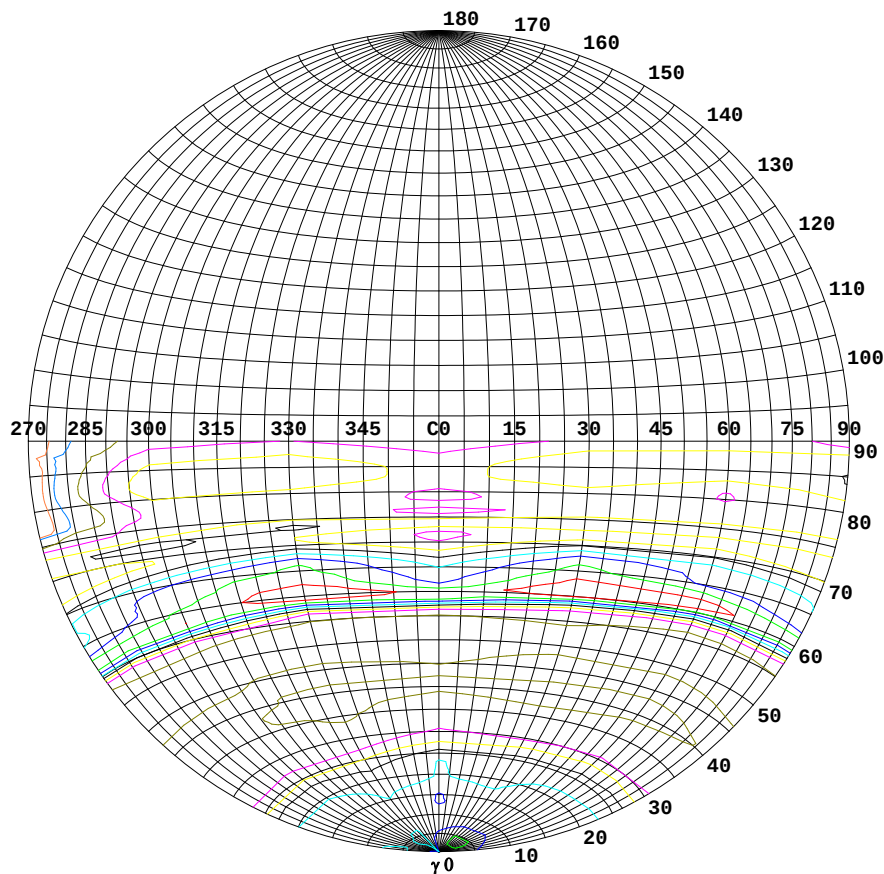
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.473
Humidity:42%
Test Distance:14.700m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:23.969V I:0.0192A P:0.4568W PF:0.9927 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:26.7034x1 lm		
NAME: large clear cw	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 5
MFR.: EXC	SUR.:	Shielding Angle:



Classification:

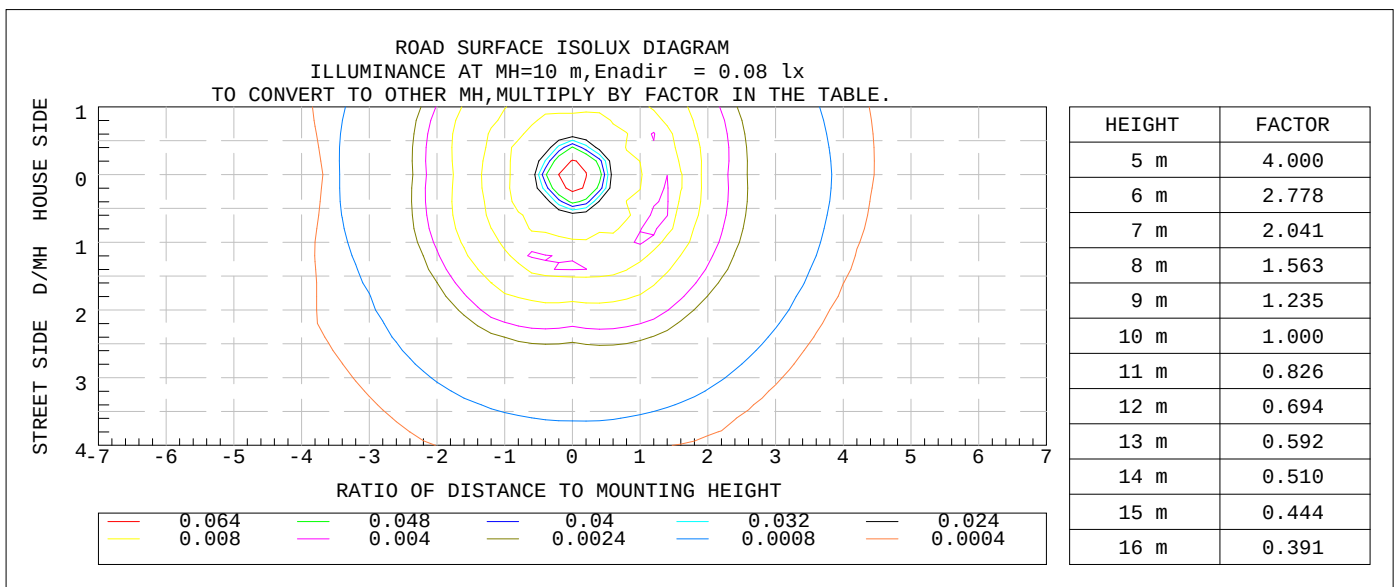
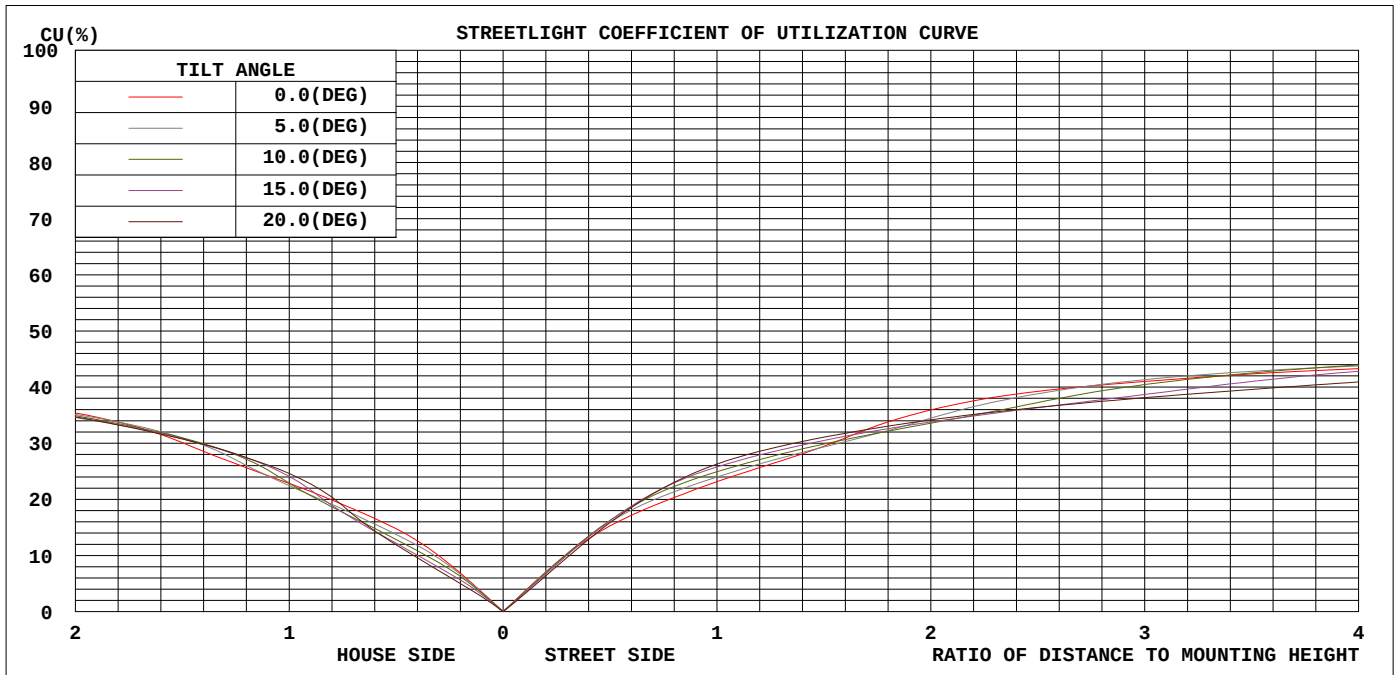
IES:Type V - Short
CIE:Average - Intermediate
IES:None cut-off
CIE:Non-cut-off
Max.At80:190.7cd/klm
Max.At90:137.2cd/klm
Max.80-90:215.8cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	11
90%	10
80%	8
70%	7
60%	6
50%	5
40%	4
30%	3
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 G0-2000B_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 G0-2000B_V1 SYSTEM V2.00.473
Humidity: 42%
Test Distance: 14.700m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:23.969V I:0.0192A P:0.4568W PF:0.9927 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:26.7034x1 lm		
NAME: large clear cw	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 5
MFR.: EXC	SUR.:	Shielding Angle:

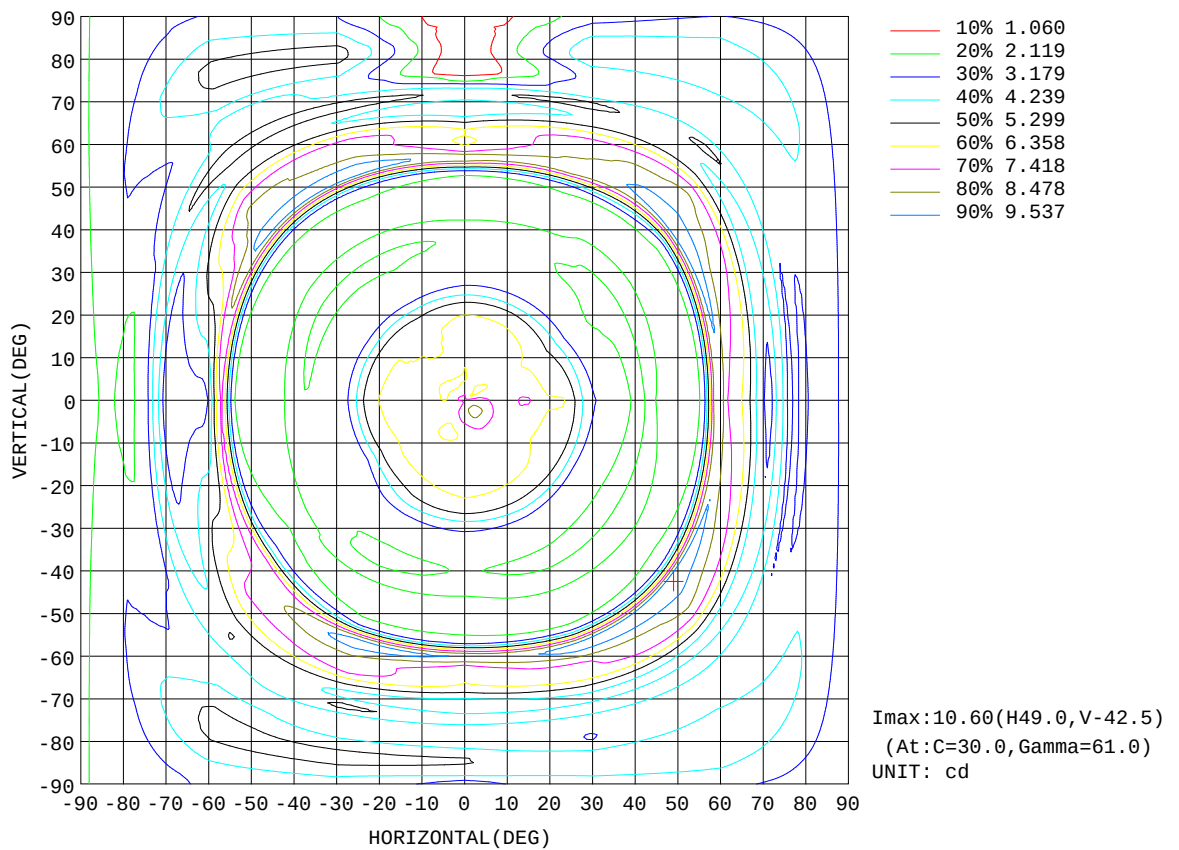
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	6.910	6.797	6.616	6.535	6.875	6.691	6.562	6.727	0- 10	0.6542	0.6542	2.45,2.45
20	6.424	6.494	6.684	6.242	6.386	5.962	6.357	6.015	10- 20	1.898	2.552	9.56,9.56
30	3.303	3.205	3.469	2.867	2.795	2.596	2.796	2.725	20- 30	2.115	4.667	17.5,17.5
40	2.101	1.920	2.187	2.197	2.500	2.395	2.551	2.083	30- 40	1.513	6.180	23.1,23.1
50	1.562	1.815	1.858	1.911	1.667	1.832	1.719	1.771	40- 50	1.583	7.763	29.1,29.1
60	9.219	9.022	9.477	8.823	3.308	9.025	6.270	9.543	50- 60	3.919	11.68	43.7,43.7
70	3.267	5.217	4.161	4.929	2.492	4.742	3.866	4.573	60- 70	6.604	18.29	68.5,68.5
80	3.038	3.457	3.752	4.514	1.773	4.957	0	4.107	70- 80	4.180	22.47	84.1,84.1
90	2.517	3.550	2.951	3.463	2.031	3.246	0	3.003	80- 90	4.238	26.70	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 G0-2000B_V1 SYSTEM V2.00.473
Humidity:42%
Test Distance:14.700m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

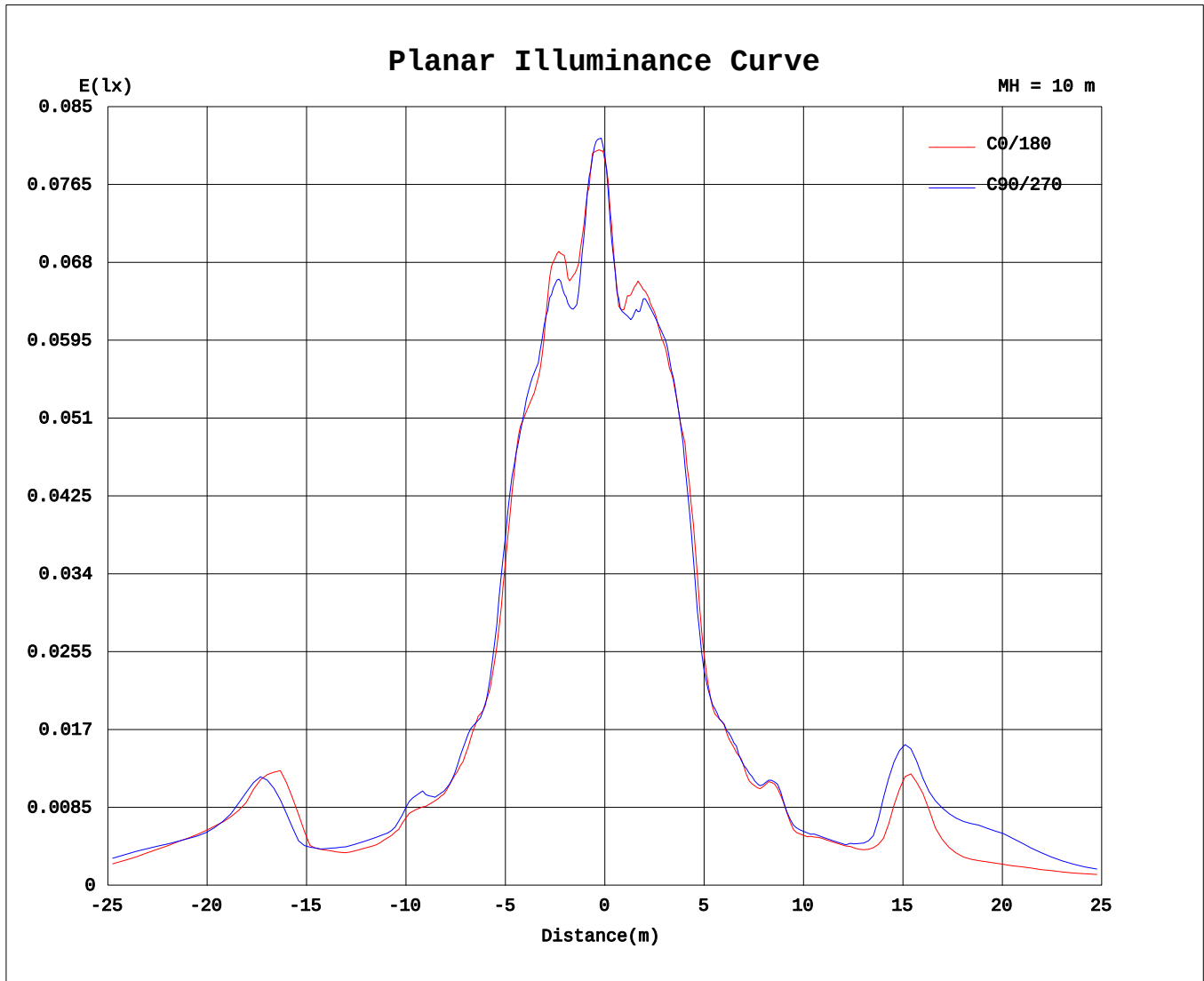
Test:U:23.969V I:0.0192A P:0.4568W PF:0.9927 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:26.7034x1 lm		
NAME: large clear cw	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 5
MFR.: EXC	SUR.:	Shielding Angle:



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 G0-2000B_V1 SYSTEM V2.00.473
Humidity:42%
Test Distance:14.700m [K=1.0000]
Remarks:

Planar Illuminance Curve



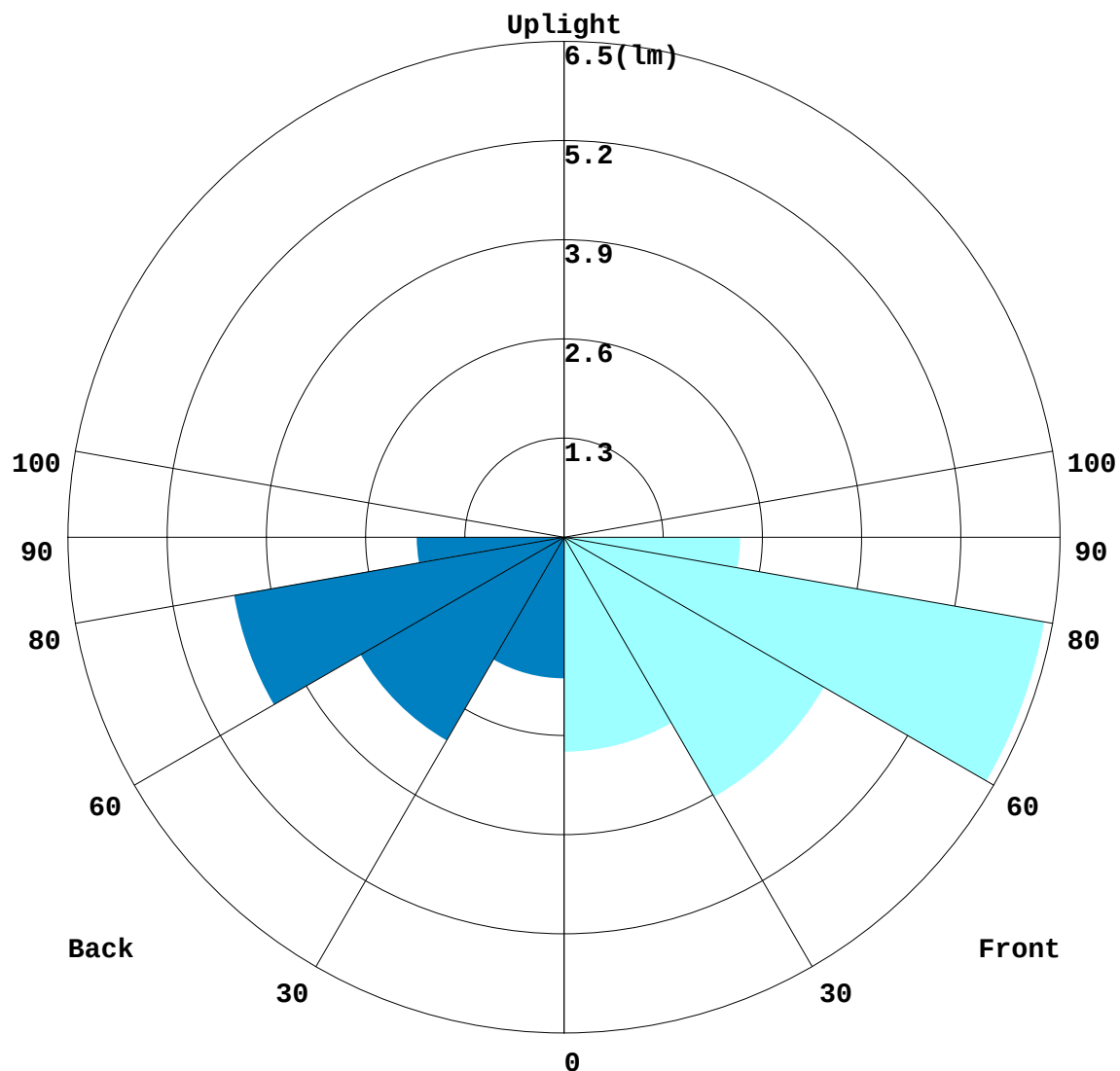
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature: 24.3°C
Operators: 0
Test Date: 2025-09-13

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.00.473
Humidity: 42%
Test Distance: 14.700m [K=1.0000]
Remarks:

LCS REPORT

Test:U:23.969V I:0.0192A P:0.4568W PF:0.9927 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:26.7034x1 lm		
NAME: large clear cw	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 5
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 G0-2000B_V1 SYSTEM V2.00.473
Humidity:42%
Test Distance:14.700m [K=1.0000]
Remarks:

BUG REPORT

Test:U:23.969V I:0.0192A P:0.4568W PF:0.9927 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:26.7034x1 lm		
NAME: large clear cw	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 5
MFR.: EXC	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	2.8148	10.5
FM - Front-Medium(30-60)	3.9373	14.7
FH - Front-High(60-80)	6.3937	23.9
FVH - Front-Very High(80-90)	2.3099	8.7
Total Forward Light	15.456	57.9

BL - Back-Low(0-30)	1.8522	6.9
BM - Back-Medium(30-60)	3.0771	11.5
BH - Back-High(60-80)	4.3903	16.4
BVH - Back-Very High(80-90)	1.9281	7.2
Total Back Light	11.248	42.1

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	11.248	0	11.248
Street Side	15.456	0	15.456

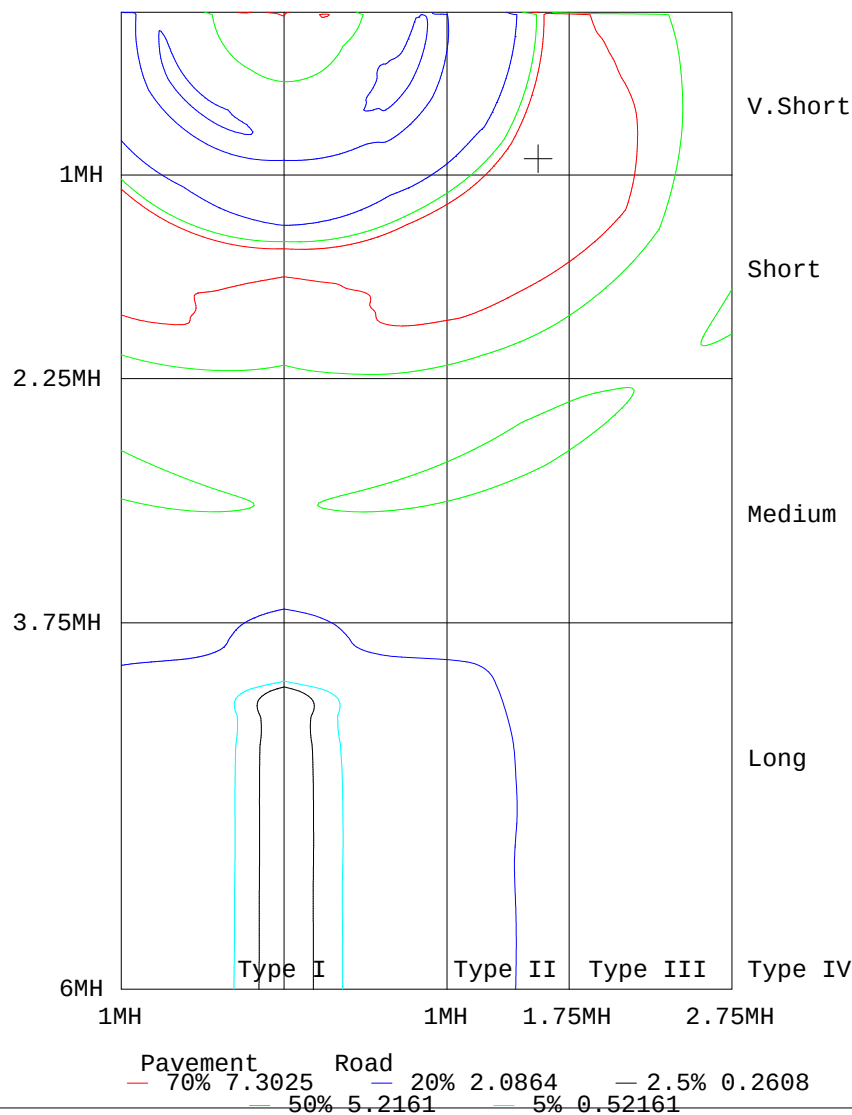
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:24.3℃
Operators:0
Test Date:2025-09-13

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.473
Humidity:42%
Test Distance:14.700m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:23.969V I:0.0192A P:0.4568W PF:0.9927 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:26.7034x1 lm		
NAME: large clear cw	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 5
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 G0-2000B_V1 SYSTEM V2.00.473
Humidity:42%
Test Distance:14.700m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:23.969V I:0.0192A P:0.4568W PF:0.9927 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:26.7034x1 lm		
NAME: large clear cw	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 5
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 G0-2000B_V1 SYSTEM V2.00.473
Humidity:42%
Test Distance:14.700m [K=1.0000]
Remarks:

```