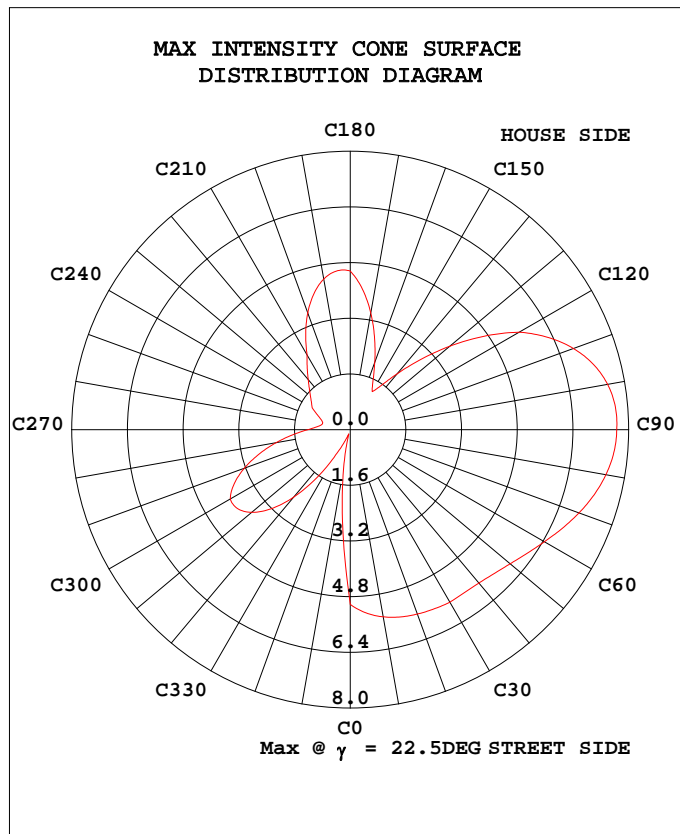
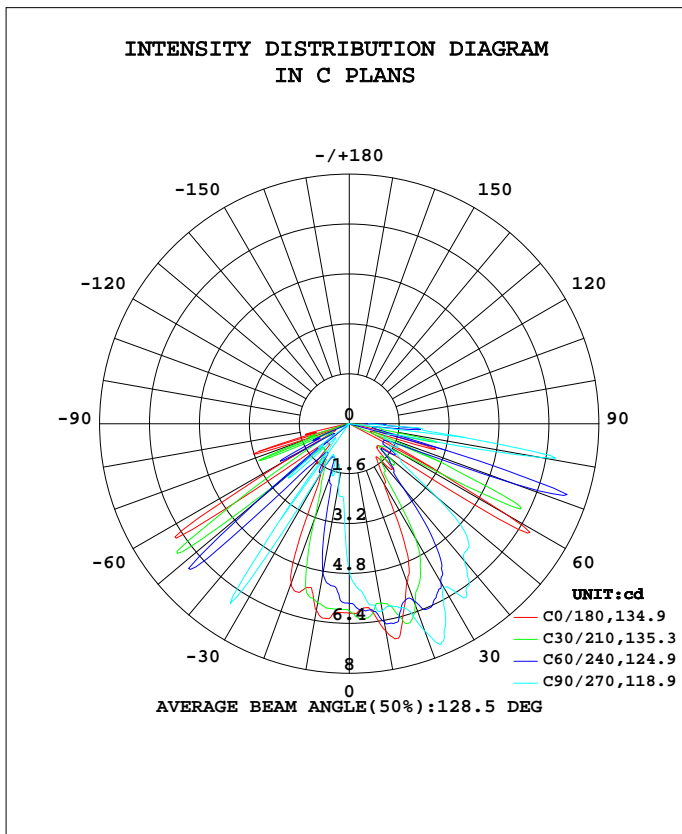


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:23.962V I:0.0191A P:0.4540W PF:0.9926 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:11.29x1 lm		
NAME: large clear black top cw	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 6
MFR.: EXC	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 24.87 lm/W			
MODEL		Imax(cd)	7.655	η street_up(%)	0.0
NOMINAL POWER(W)	0.6	LOR(%)	100.0	η street_down(%)	56.1
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	11.29	η house_up(%)	0.0
NOMINAL FLUX(lm)	11.29	MAXIMUM @(C, γ)	90,22.5	η house_down(%)	43.9
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)		η down(%)	100.0	SLI	

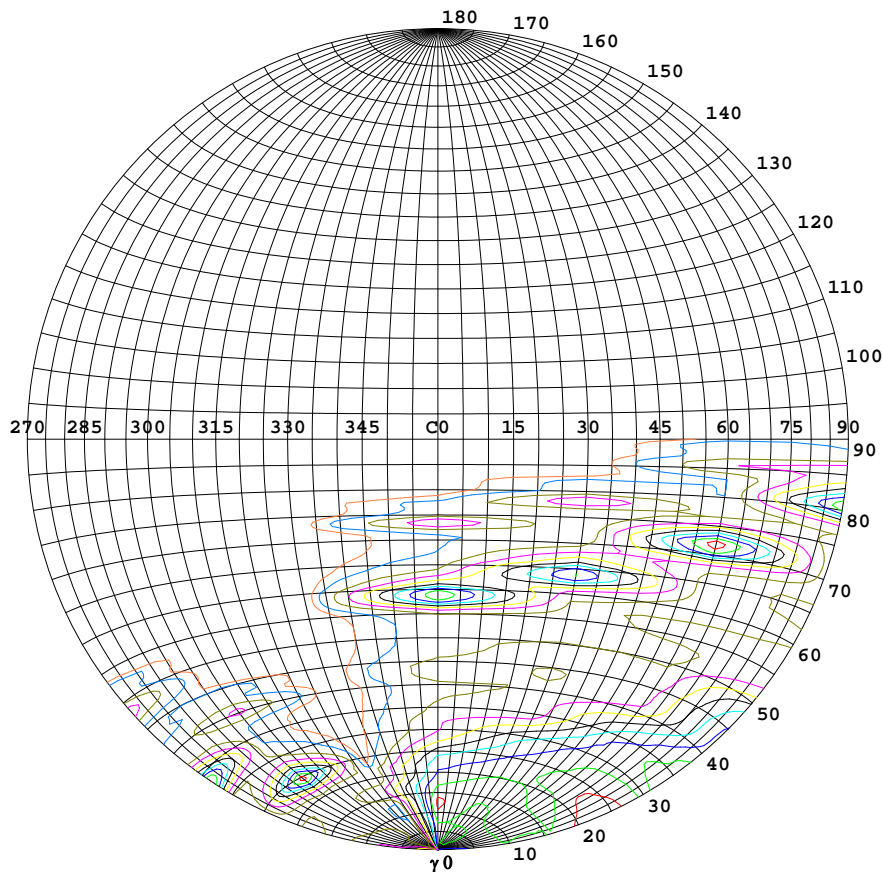


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:24.3℃
Operators:0
Test Date:2025-09-13

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:23.962V I:0.0191A P:0.4540W PF:0.9926 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:11.29x1 lm		
NAME: large clear black top cw	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 6
MFR.: EXC	SUR.:	Shielding Angle:



Classification:

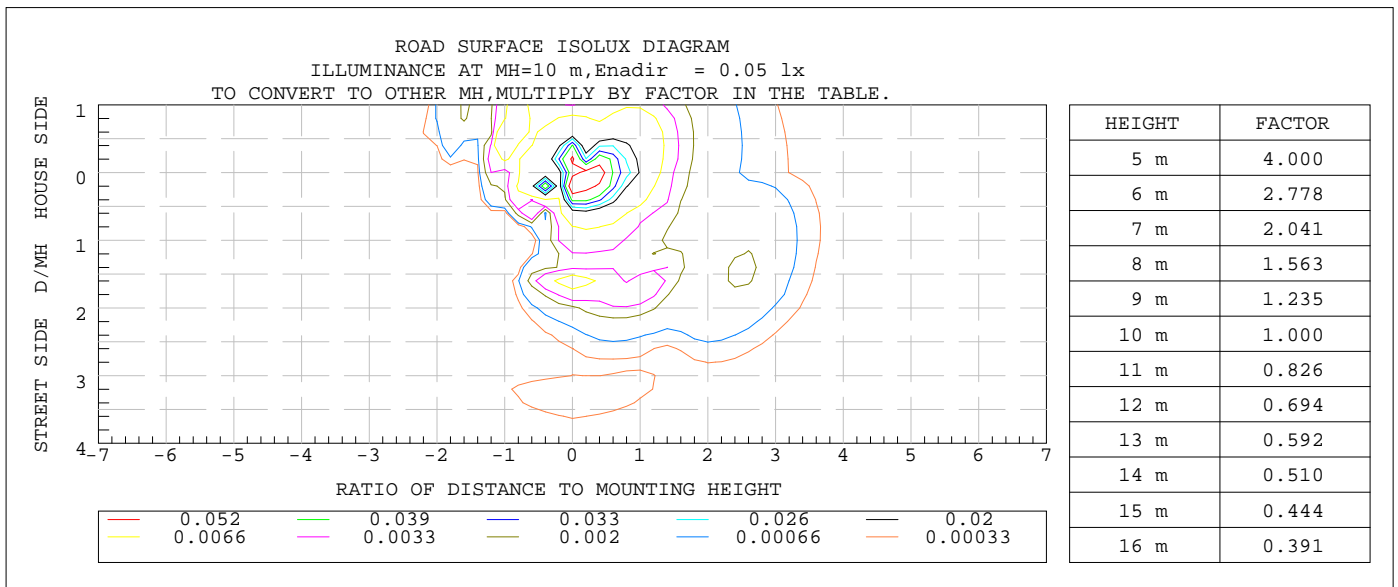
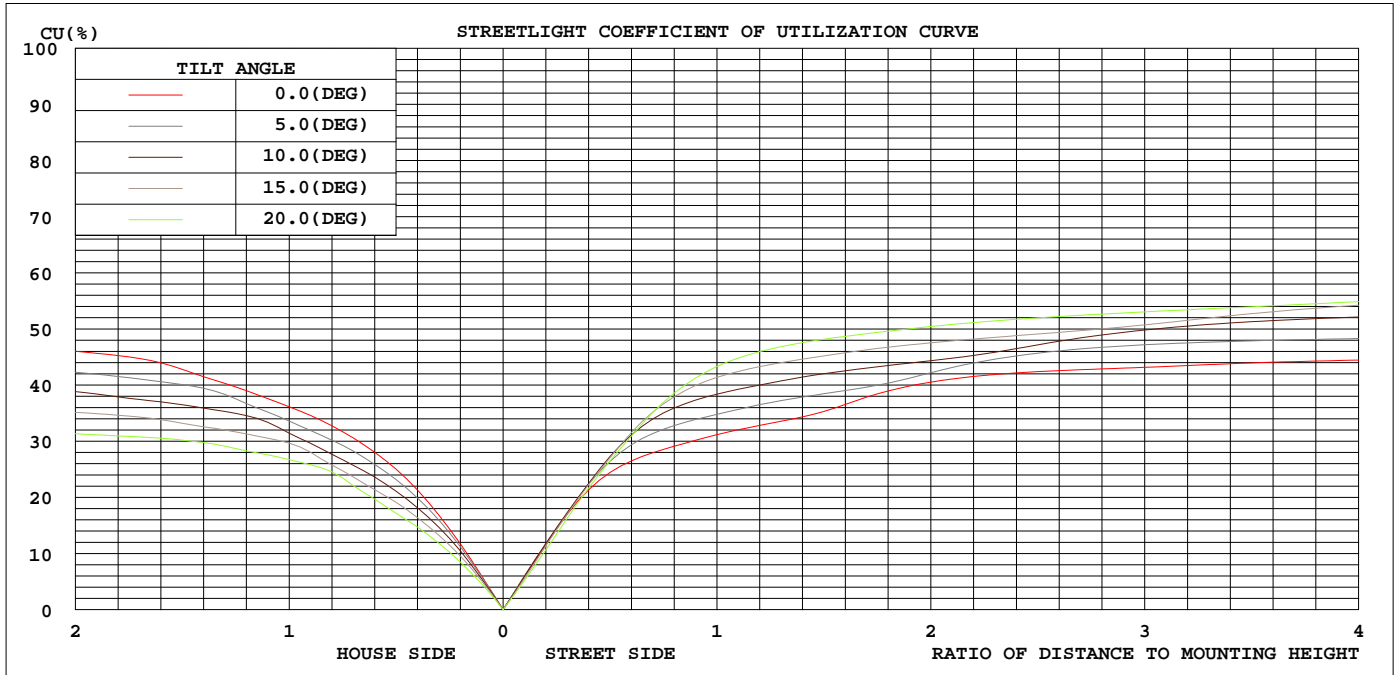
IES:Type III - Very Short
CIE:Narrow - Short
IES:None cut-off
CIE:Non-cut-off
Max.At80:554.3cd/klm
Max.At90:436.7cd/klm
Max.80-90:632.0cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	8
90%	7
80%	6
70%	5
60%	5
50%	4
40%	3
30%	2
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:23.962V I:0.0191A P:0.4540W PF:0.9926 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:11.29x1 lm		
NAME: large clear black top cw	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 6
MFR.: EXC	SUR.:	Shielding Angle:

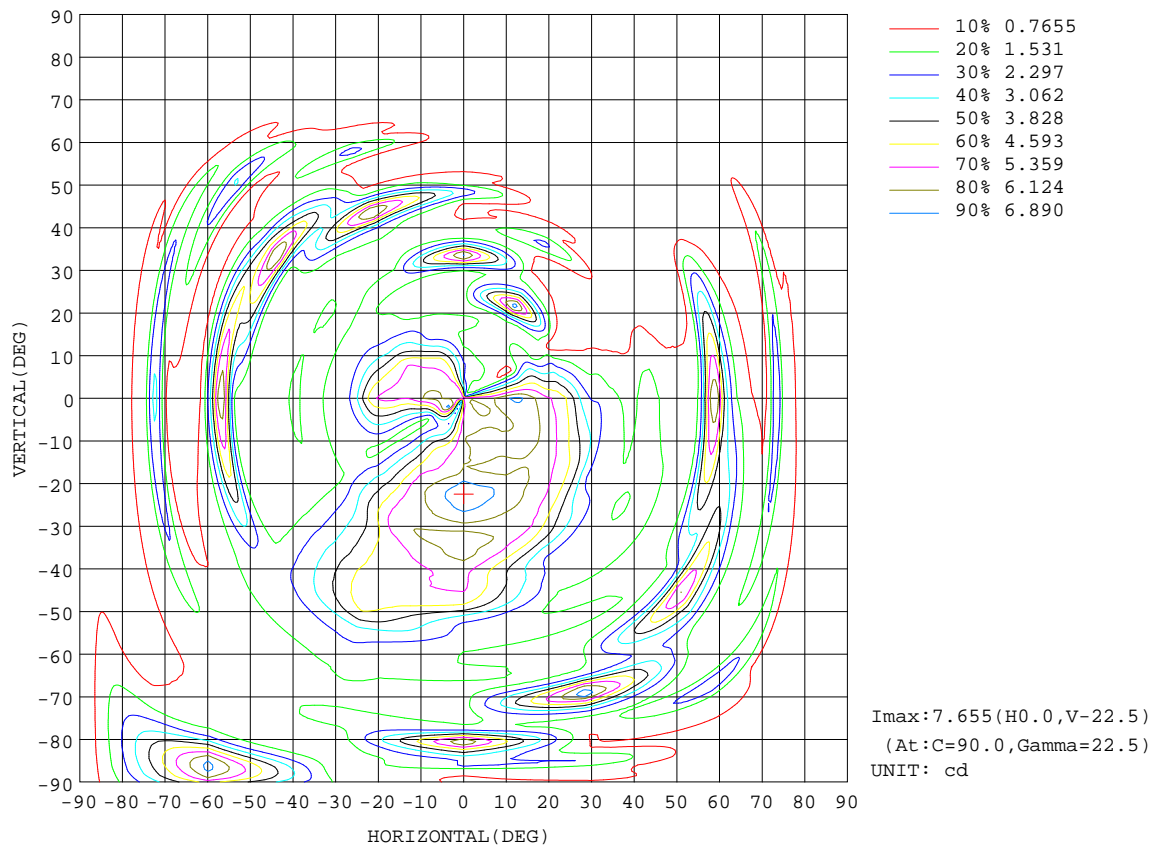
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	6.734	6.137	6.093	2.253	6.075	5.354	1.929	0.9370	0- 10	0.4212	0.4212	3.73,3.73
20	5.401	6.109	7.067	3.281	5.432	2.553	1.339	1.200	10- 20	1.141	1.562	13.8,13.8
30	2.242	5.061	6.076	3.801	1.821	1.624	1.593	0.8404	20- 30	1.609	3.171	28.1,28.1
40	1.388	2.172	5.744	3.194	1.631	1.260	0.9208	1.249	30- 40	1.618	4.790	42.4,42.4
50	1.180	1.536	3.657	3.351	0.9205	3.082	1.416	0	40- 50	1.620	6.409	56.8,56.8
60	5.813	1.582	1.510	2.093	2.244	1.162	0.0355	0	50- 60	1.673	8.082	71.6,71.6
70	0.7118	3.485	1.233	1.155	0.8612	0.6017	0	0	60- 70	1.259	9.342	82.7,82.7
80	0.1747	0.9120	6.258	1.104	0	0.0519	0	0	70- 80	1.106	10.45	92.5,92.5
90	0	0.2517	0.6250	3.186	0	0	0	0	80- 90	0.8423	11.29	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

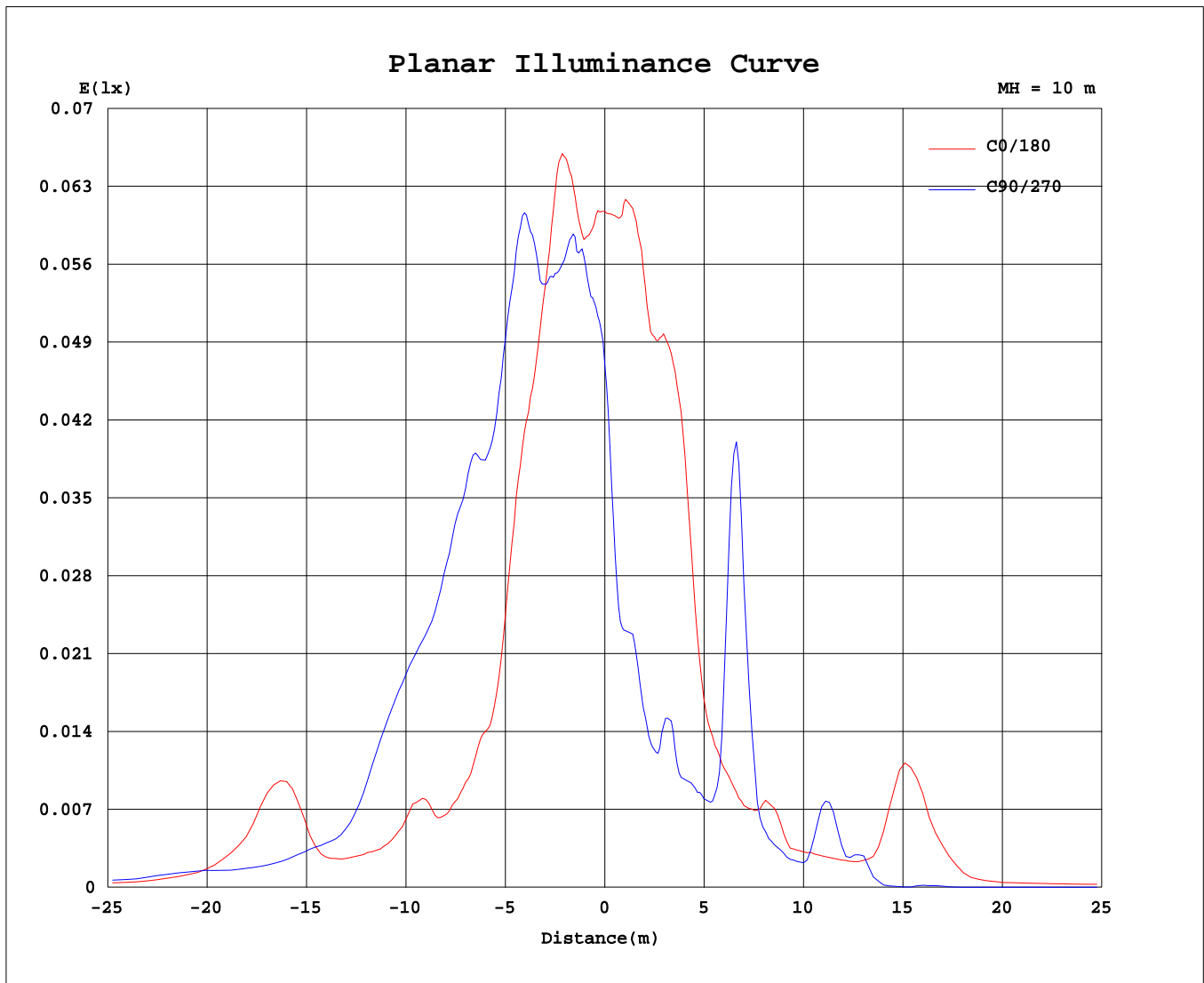
Test:U:23.962V I:0.0191A P:0.4540W PF:0.9926 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:11.29x1 lm		
NAME: large clear black top cw	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 6
MFR.: EXC	SUR.:	Shielding Angle:



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



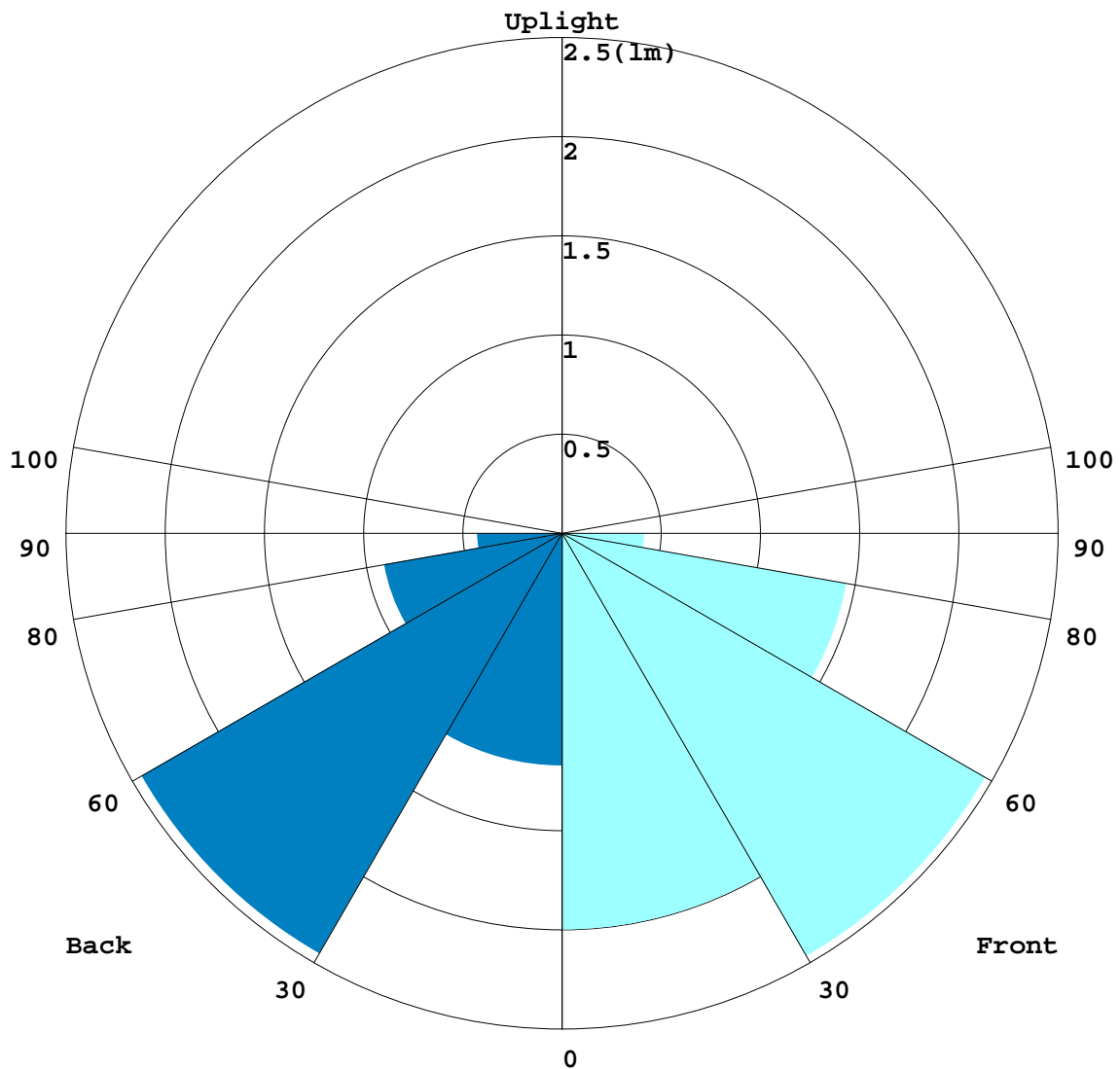
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature: 24.3°C
Operators: 0
Test Date: 2025-09-13

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:23.962V I:0.0191A P:0.4540W PF:0.9926 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:11.29x1 lm		
NAME: large clear black top cw	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 6
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:23.962V I:0.0191A P:0.4540W PF:0.9926 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:11.29x1 lm		
NAME: large clear black top cw	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 6
MFR.: EXC	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1.9992	17.7
FM - Front-Medium(30-60)	2.4634	21.8
FH - Front-High(60-80)	1.4552	12.9
FVH - Front-Very High(80-90)	0.41448	3.7
Total Forward Light	6.3323	56.1

BL - Back-Low(0-30)	1.1723	10.4
BM - Back-Medium(30-60)	2.4473	21.7
BH - Back-High(60-80)	0.91036	8.1
BVH - Back-Very High(80-90)	0.42777	3.8
Total Back Light	4.9577	43.9

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	4.9577	0	4.9577
Street Side	6.3323	0	6.3323

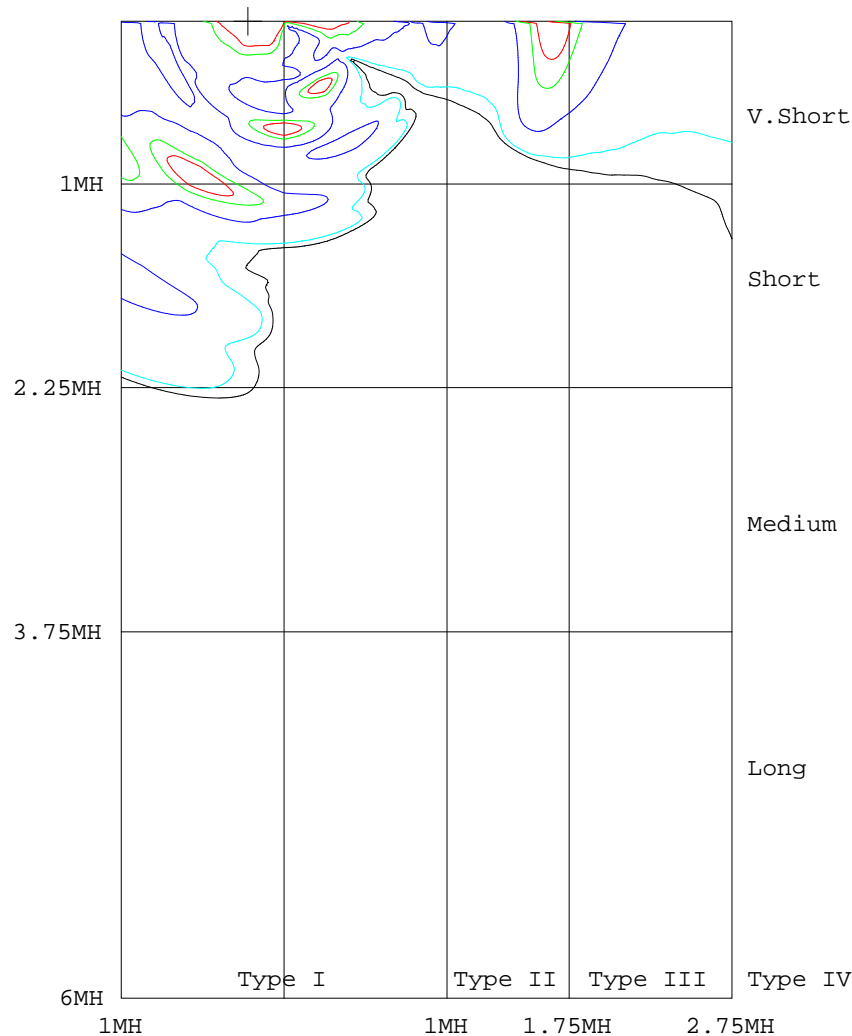
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: MEDIUM
Temperature:24.3℃
Operators:0
Test Date:2025-09-13

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:23.962V I:0.0191A P:0.4540W PF:0.9926 Freq:0Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:11.29x1 lm		
NAME: large clear black top cw	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 6
MFR.: EXC	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



Pavement Road
 — 70% 4.934 — 20% 1.4097 — 2.5% 0.17621
 — 50% 3.5243 — 5% 0.35243

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:23.962V I:0.0191A P:0.4540W PF:0.9926 Freq:0Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:11.29x1 lm		
NAME: large clear black top cw	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 6
MFR.: EXC	SUR.:	Shielding Angle:

UNIT: cd

[illegible]

```

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:

```