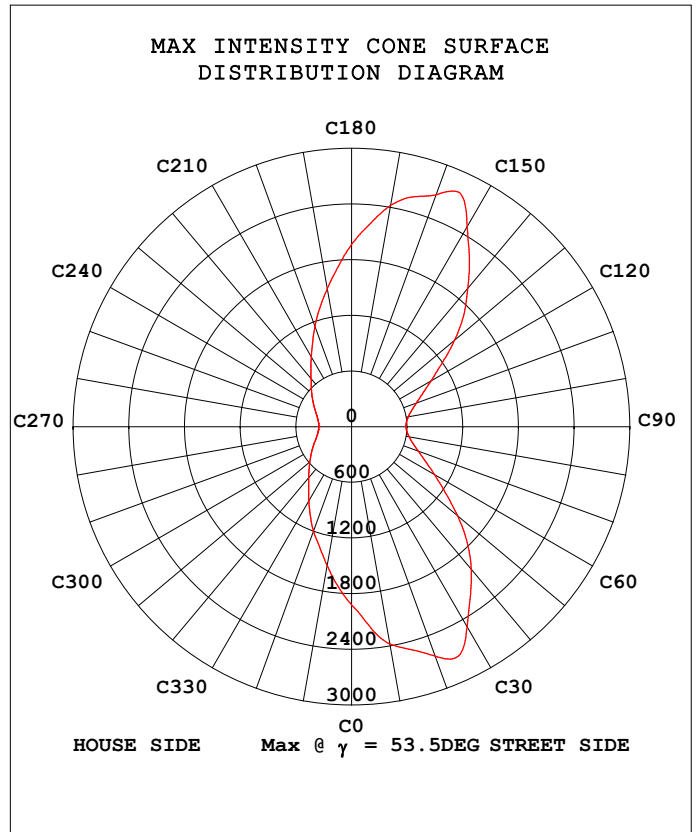
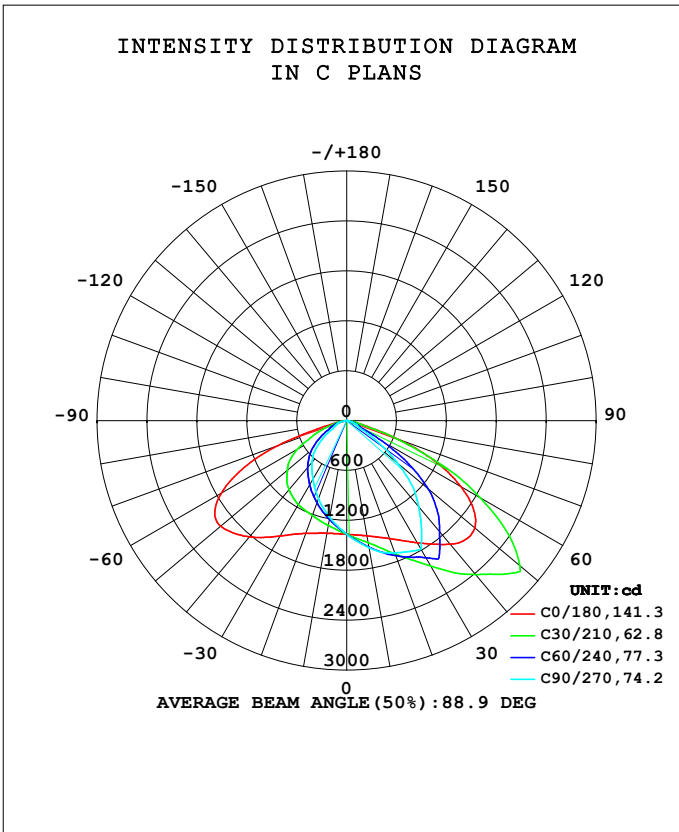


**STREETLIGHT PHOTOMETRIC TEST REPORT**

Test:U:19.580V I:1.3660A P:26.500W PF:0.0000 Freq:50.00Hz Lamp Flux:5040.92x1 lm		
NAME: Sellar 3G Solar Street Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
	SUR.:	

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	SL01-0035-E02S	Imax (cd)	2775	$\eta$ street_up (%)	0.0
NOMINAL POWER (W)	26	LOR (%)	100.0	$\eta$ street_down (%)	63.5
RATED VOLTAGE (V)	19	TOTAL FLUX (lm)	5041	$\eta$ house_up (%)	0.0
NOMINAL FLUX (lm)	5040.92	MAXIMUM @ (C, $\gamma$ )	155,53.5	$\eta$ house_down (%)	36.5
LAMPS INSIDE	1	$\eta$ up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	19	$\eta$ down (%)	100.0	SLI	17.633

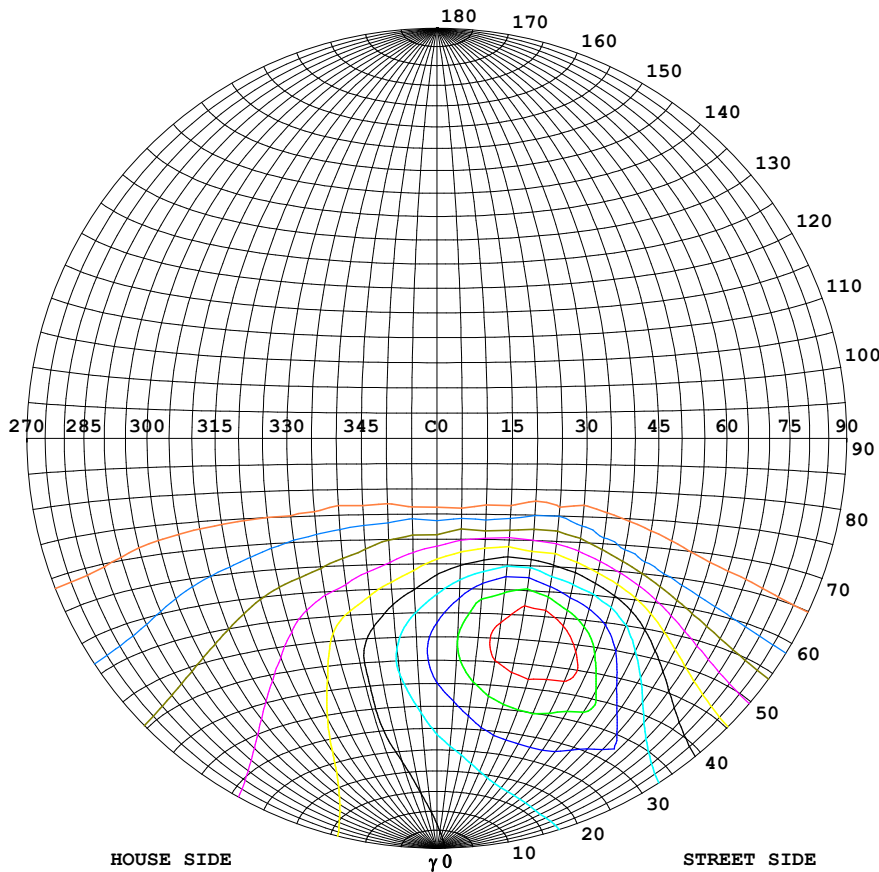


H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2026-04-22

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.458  
Humidity:65.0%  
Test Distance:8.988m [K=1.0000]  
Remarks:

**STREETLIGHT ISOCANDELA DIAGRAM**

Test:U:19.580V I:1.3660A P:26.500W PF:0.0000 Freq:50.00Hz Lamp Flux:5040.92x1 lm		
NAME: Sellar 3G Solar Street Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
	SUR.:	



**Classification:**

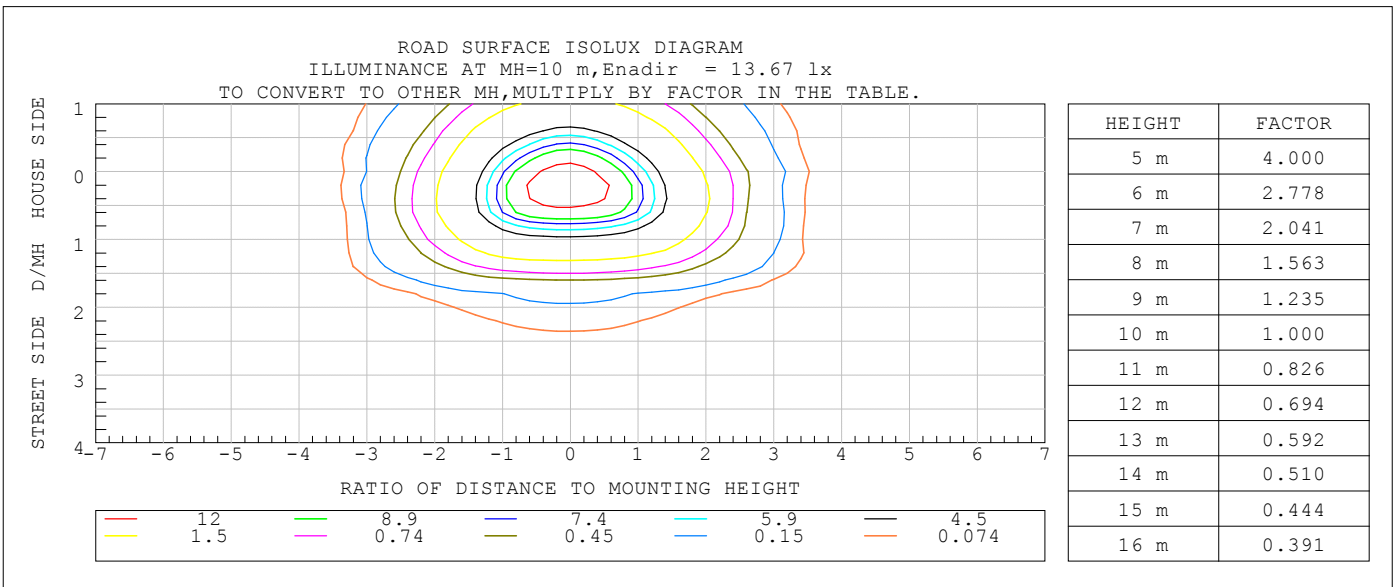
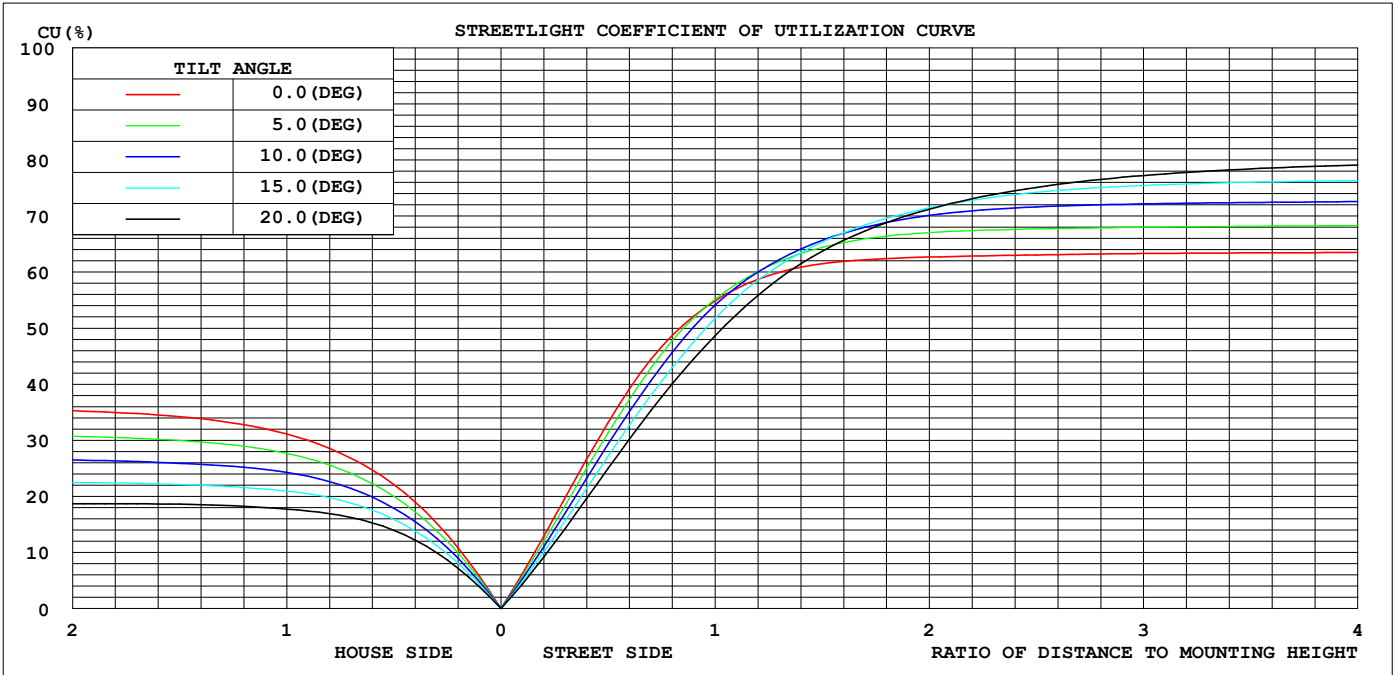
IES:Type II - Short  
 CIE:Narrow - Short  
 IES:Cut-off  
 CIE:Full cut-off  
 Max.At80:19.85cd/klm  
 Max.At90:0.1187cd/klm  
 Max.80-90:19.85cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I <sub>max</sub> =100%	2775
— 90%	2498
— 80%	2220
— 70%	1943
— 60%	1665
— 50%	1388
— 40%	1110
— 30%	833
— 20%	555
— 10%	278
— 5%	139

H(β) Range:-90 - 90DEG  
 H(β) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2026-04-22

V(B) Range:-75 - 75DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.458  
 Humidity:65.0%  
 Test Distance:8.988m [K=1.0000]  
 Remarks:

COEFFICIENT OF UTILIZATION CURVE  
AND ISOLUX DIAGRAM



H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2026-04-22

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.458  
Humidity:65.0%  
Test Distance:8.988m [K=1.0000]  
Remarks:

**ZONAL FLUX DIAGRAM**

Test:U:19.580V I:1.3660A P:26.500W PF:0.0000 Freq:50.00Hz Lamp Flux:5040.92x1 lm		
NAME: Sellar 3G Solar Street Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
	SUR.:	

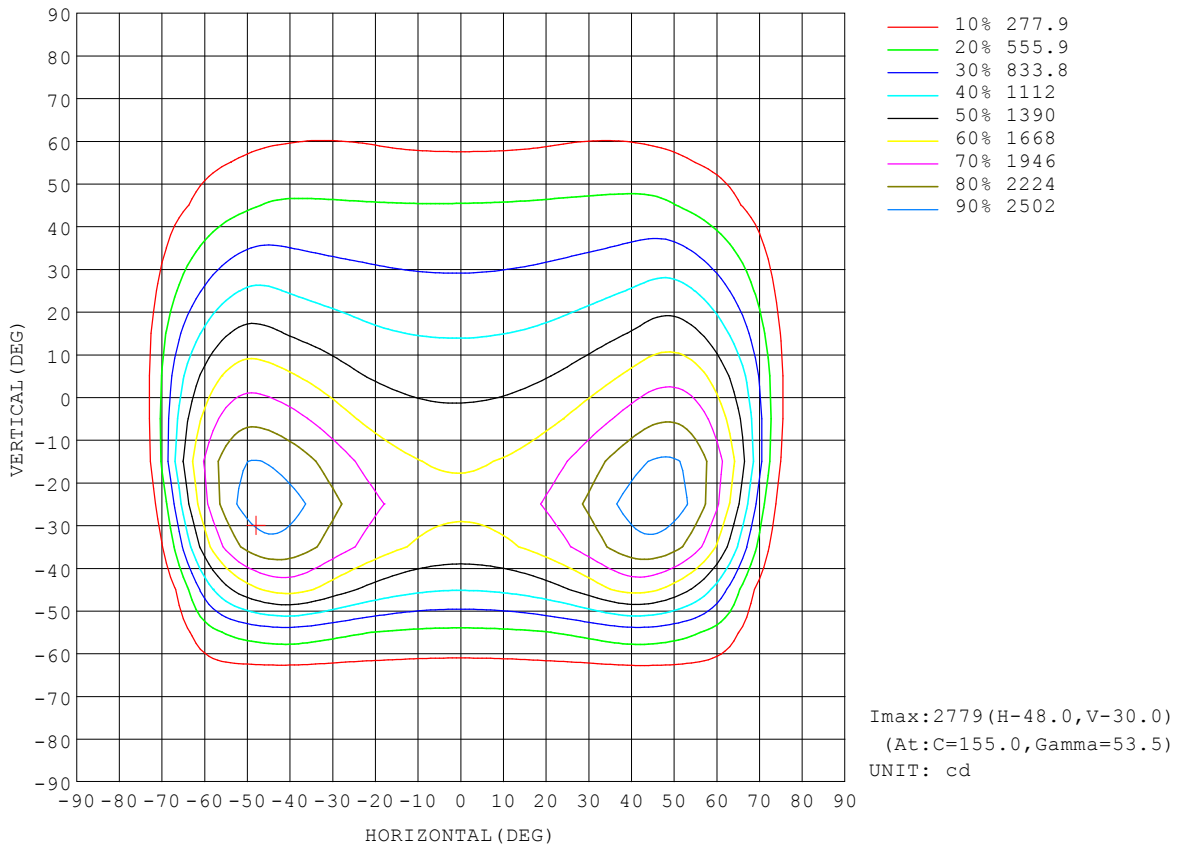
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	1407	1523	1551	1501	1375	1239	1183	1253	0- 10	131.0	131.0	2.6,2.6
20	1510	1733	1692	1696	1444	1122	998.6	1142	10- 20	396.5	527.5	10.5,10.5
30	1695	1990	1789	1928	1603	1000	812.6	1032	20- 30	670.9	1198	23.8,23.8
40	1939	2283	1348	2194	1824	856.7	649.2	892.6	30- 40	937.5	2136	42.4,42.4
50	2011	1943	810.0	1841	1977	686.3	442.6	724.2	40- 50	1101	3237	64.2,64.2
60	1584	1152	175.6	1120	1740	459.9	192.7	475.8	50- 60	1019	4257	84.4,84.4
70	657.7	176.7	100.1	167.0	882.5	208.0	129.3	194.7	60- 70	599.5	4856	96.3,96.3
80	63.82	42.84	0	43.57	84.74	67.67	0	57.55	70- 80	170.8	5027	99.7,99.7
90	0.5983	0	0	0	0.4570	0	0	0	80- 90	14.09	5041	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		

H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2026-04-22

V(B) Range:-75 - 75DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.458  
 Humidity:65.0%  
 Test Distance:8.988m [K=1.0000]  
 Remarks:

**ISOCANDELA DIAGRAM**

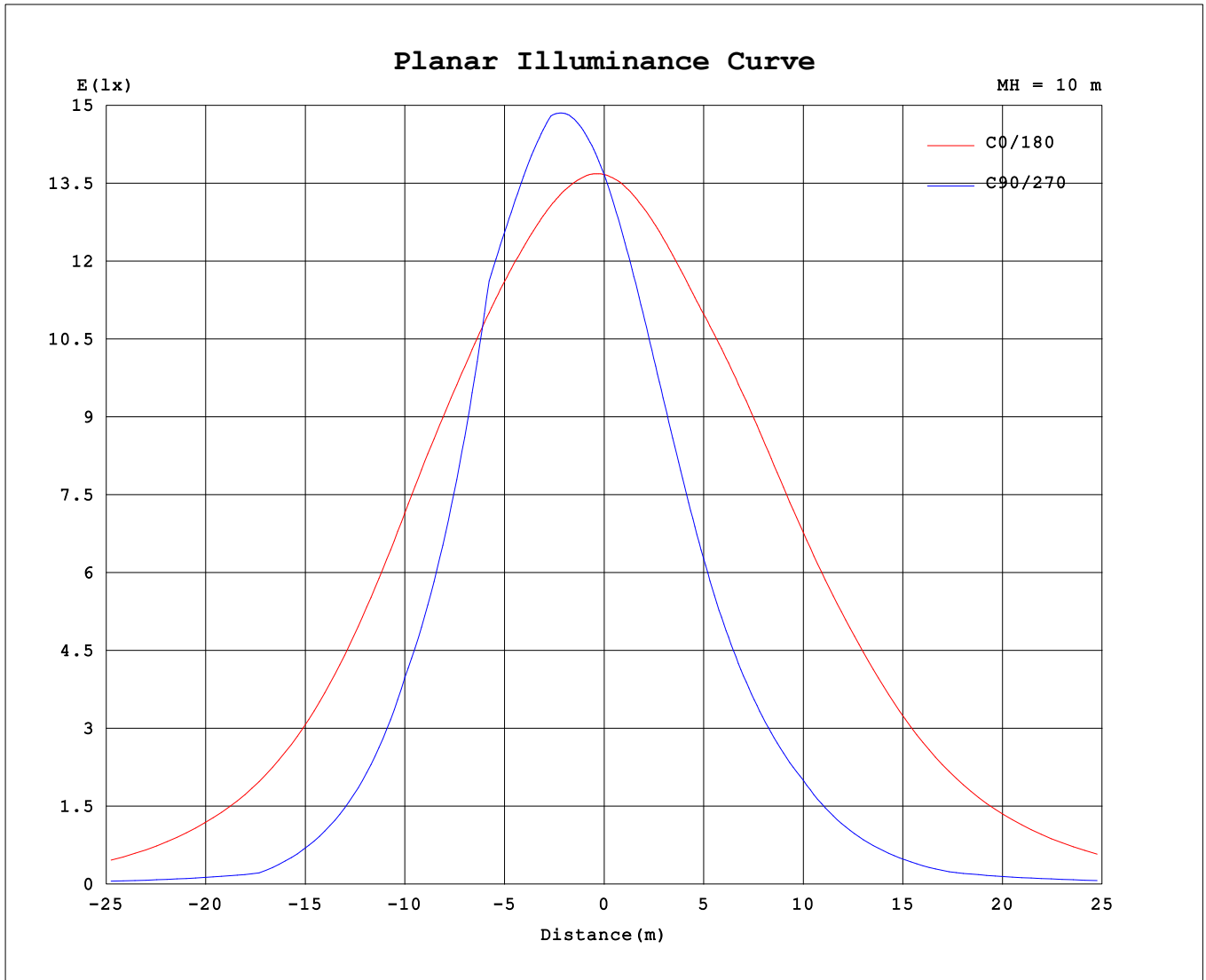
Test:U:19.580V I:1.3660A P:26.500W PF:0.0000 Freq:50.00Hz Lamp Flux:5040.92x1 lm		
NAME: Sellar 3G Solar Street Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
	SUR.:	



H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2026-04-22

V(B) Range:-75 - 75DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.458  
 Humidity:65.0%  
 Test Distance:8.988m [K=1.0000]  
 Remarks:

**Planar Illuminance Curve**



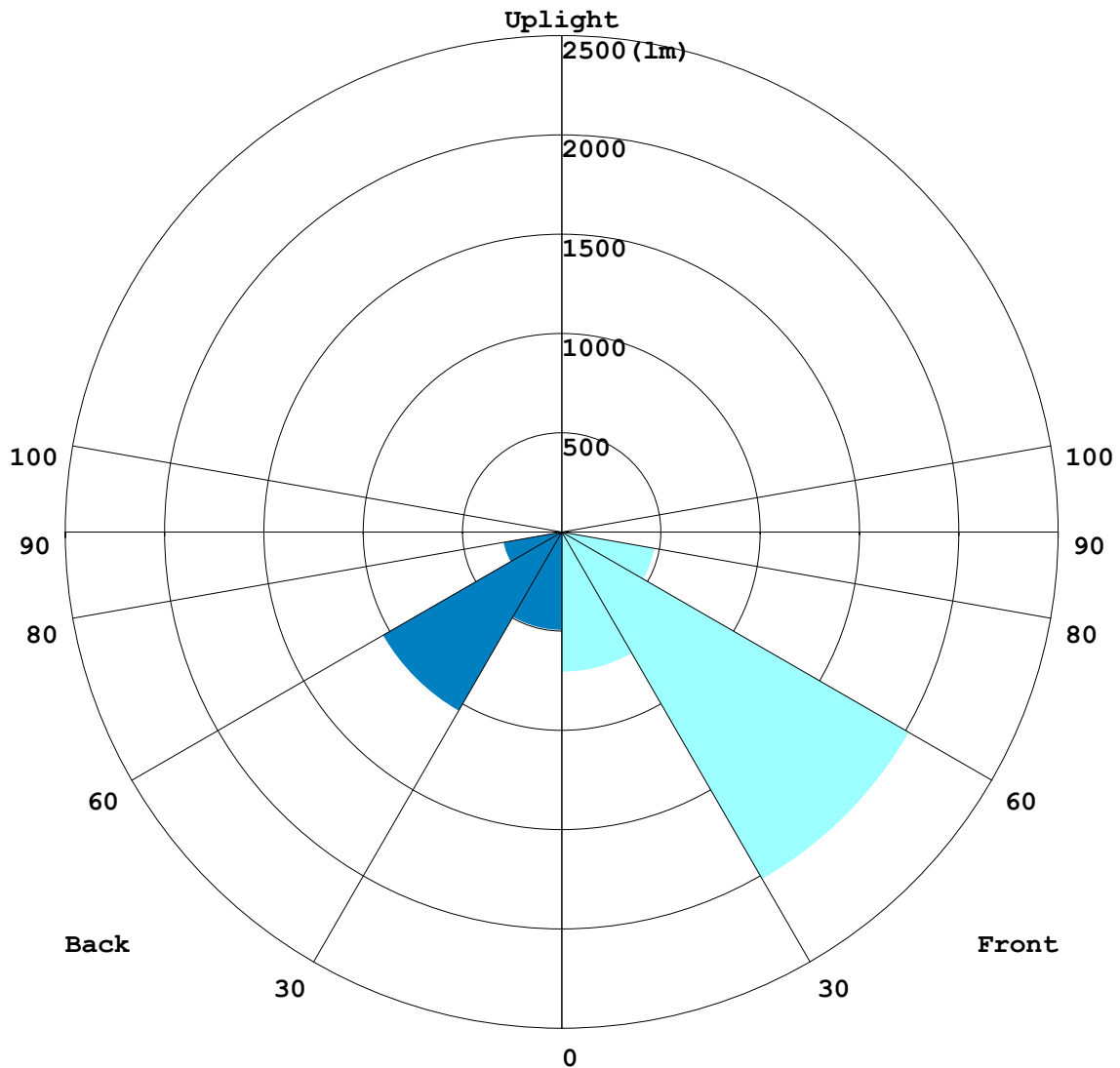
H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2026-04-22

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.458  
Humidity:65.0%  
Test Distance:8.988m [K=1.0000]  
Remarks:

**LCS REPORT**

Test:U:19.580V I:1.3660A P:26.500W PF:0.0000 Freq:50.00Hz		
Lamp Flux:5040.92x1 lm		
NAME: Sellar 3G Solar Street Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
	SUR.:	

**LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH**



H(β) Range:-90 - 90DEG  
H(β) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2026-04-22

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.458  
Humidity:65.0%  
Test Distance:8.988m [K=1.0000]  
Remarks:

**BUG REPORT**

Test:U:19.580V I:1.3660A P:26.500W PF:0.0000 Freq:50.00Hz Lamp Flux:5040.92x1 lm		
NAME: Sellar 3G Solar Street Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
	SUR.:	

**IESNA Luminaire Flux Distribution Table:**

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	704.48	14.0
FM - Front-Medium(30-60)	2019	40.1
FH - Front-High(60-80)	472.58	9.4
FVH - Front-Very High(80-90)	6.5401	0.1
<b>Total Forward Light</b>	<b>3202.6</b>	<b>63.5</b>

BL - Back-Low(0-30)	493.95	9.8
BM - Back-Medium(30-60)	1039.2	20.6
BH - Back-High(60-80)	297.69	5.9
BVH - Back-Very High(80-90)	7.5511	0.1
<b>Total Back Light</b>	<b>1838.4</b>	<b>36.5</b>

UL - Uplight-Low(90-100)	0	0.0
UH - Uplight-High(100-180)	0	0.0
<b>Total Up Light</b>	<b>0</b>	<b>0.0</b>

<b>BUG(Back,Up,Glare) Rating</b>	<b>B2-U0-G1</b>
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	1838.4	0	1838.4
Street Side	3202.6	0	3202.6

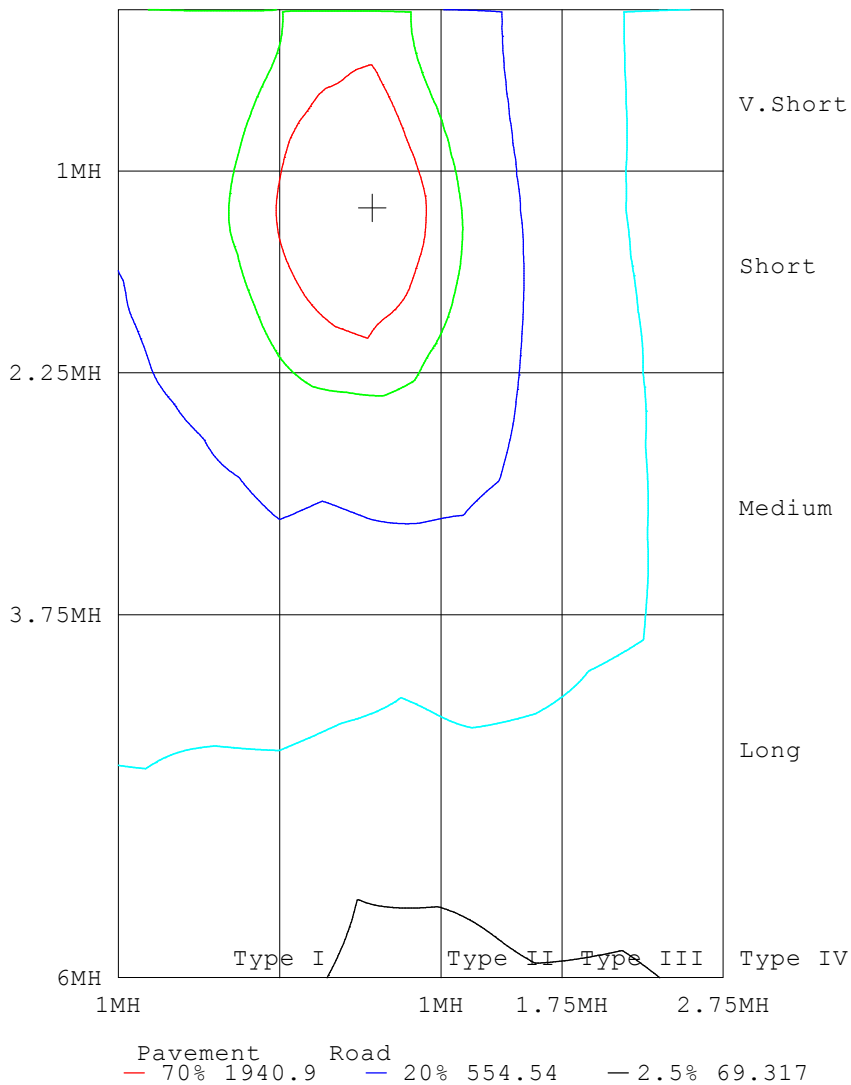
H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2026-04-22

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.458  
Humidity:65.0%  
Test Distance:8.988m [K=1.0000]  
Remarks:

**ROAD ISOCANDELA REPORT**

Test:U:19.580V I:1.3660A P:26.500W PF:0.0000 Freq:50.00Hz Lamp Flux:5040.92x1 lm		
NAME: Sellar 3G Solar Street Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
	SUR.:	

ROAD SURFACE ISOCANDELA DIAGRAM



H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2026-04-22

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.458  
Humidity:65.0%  
Test Distance:8.988m [K=1.0000]  
Remarks:







