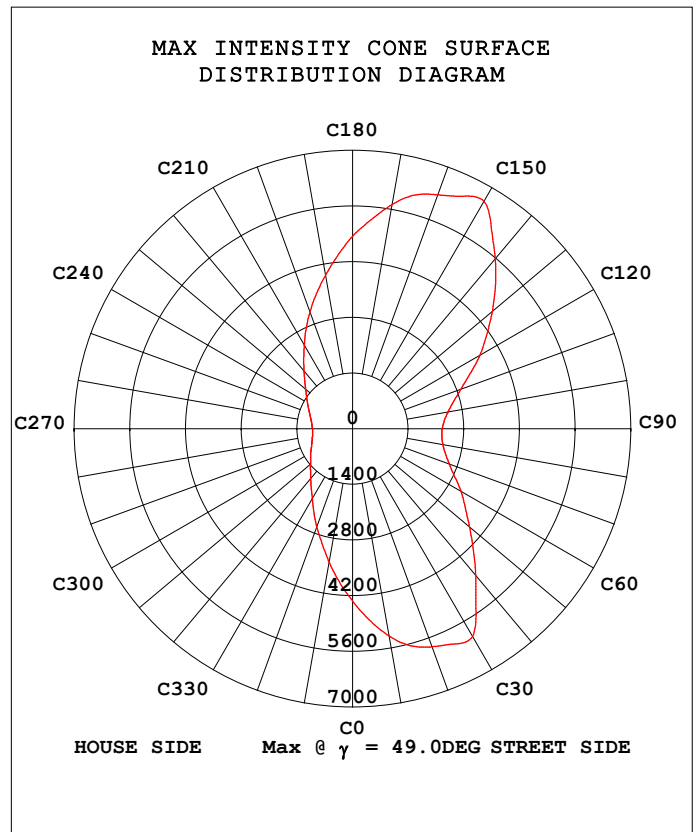
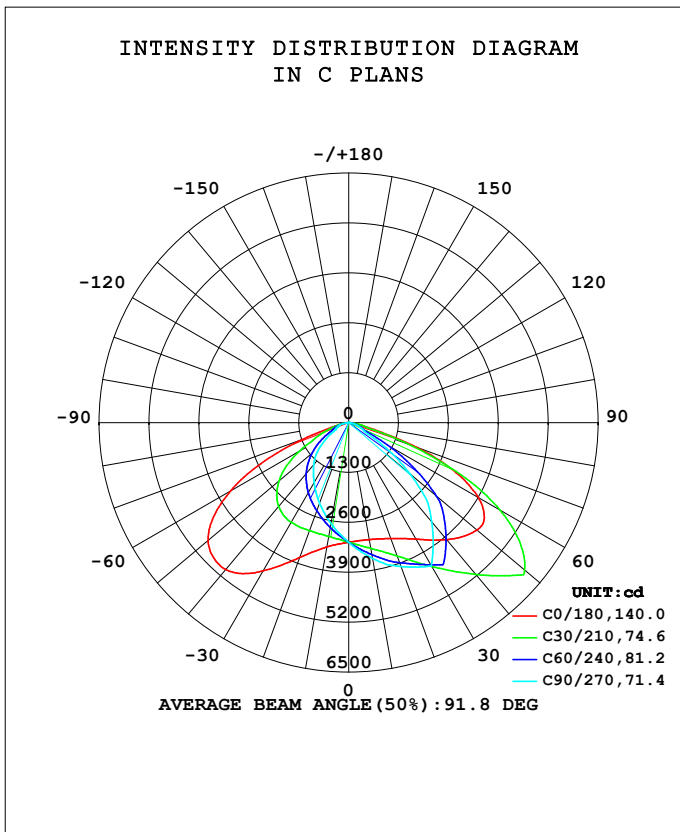


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:19.790V I:3.1960A P:63.250W PF:0.0000 Freq:50.00Hz Lamp Flux:11786x1 lm		
NAME: Sellar 3G Solar Street Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
	SUR.:	

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	SL01-0080-E02S	Imax (cd)	6610	η street_up (%)	0.0
NOMINAL POWER (W)	63.25	LOR (%)	100.0	η street_down (%)	64.9
RATED VOLTAGE (V)	19	TOTAL FLUX (lm)	11786	η house_up (%)	0.0
NOMINAL FLUX (lm)	11786	MAXIMUM @ (C, γ)	150,49.0	η house_down (%)	35.1
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	19	η down (%)	100.0	SLI	18.839

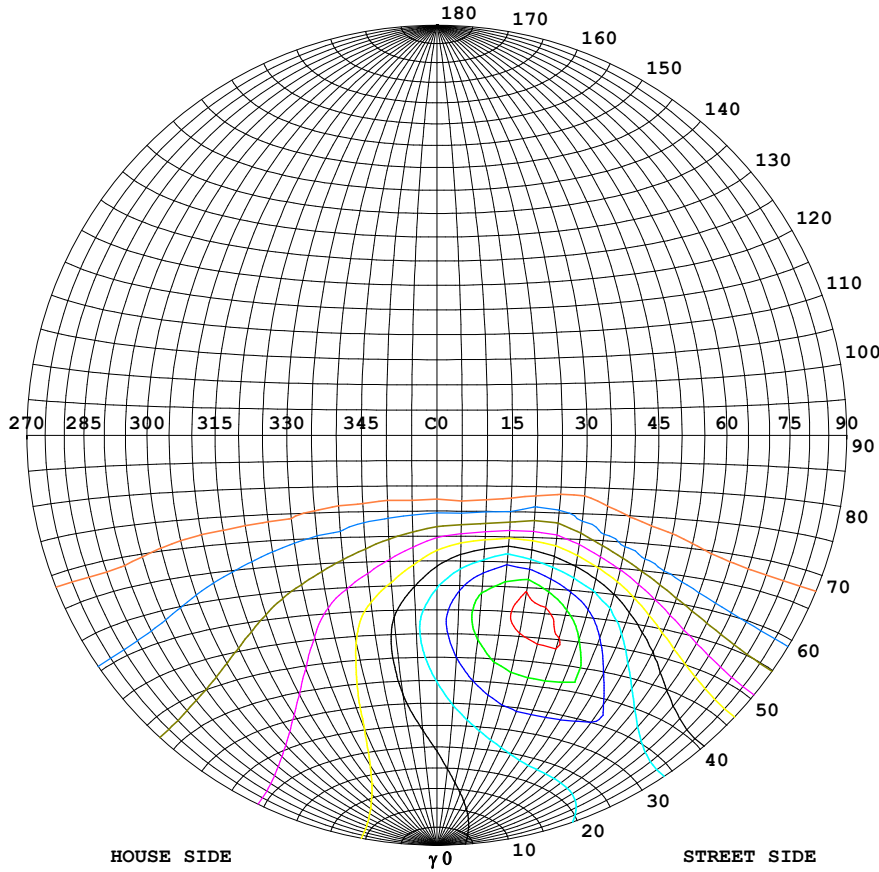


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2026-04-22

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:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:19.790V I:3.1960A P:63.250W PF:0.0000 Freq:50.00Hz Lamp Flux:11786x1 lm		
NAME: Sellar 3G Solar Street Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
	SUR.:	



Classification:

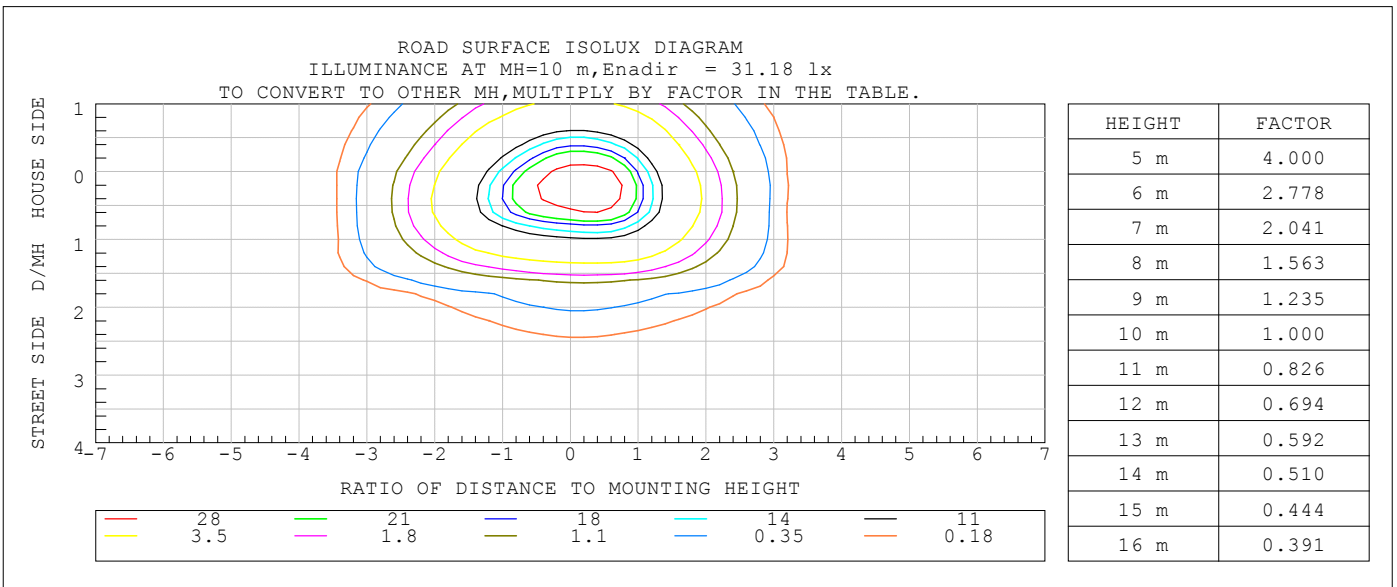
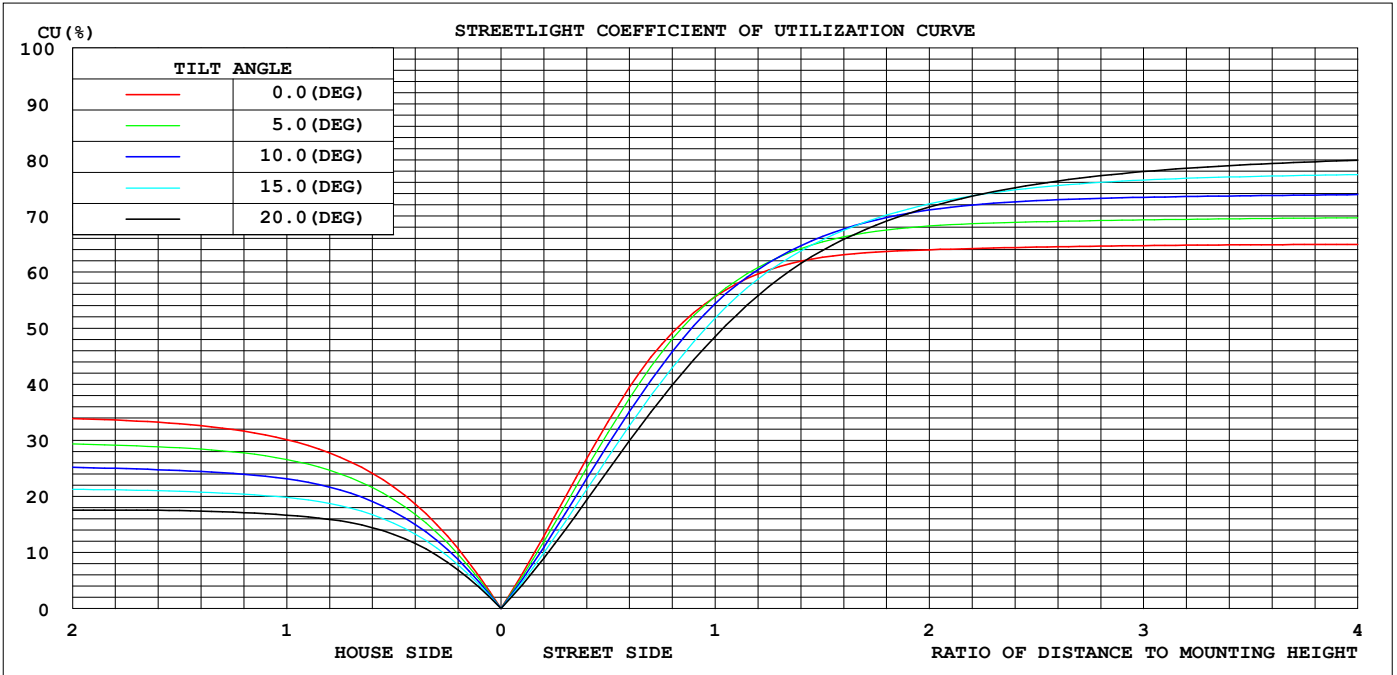
IES:Type II - Very Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Full cut-off
 Max.At80:21.93cd/klm
 Max.At90:0.0992cd/klm
 Max.80-90:21.93cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	6610
— 90%	5949
— 80%	5288
— 70%	4627
— 60%	3966
— 50%	3305
— 40%	2644
— 30%	1983
— 20%	1322
— 10%	661
— 5%	330

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(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:

ZONAL FLUX DIAGRAM

Test:U:19.790V I:3.1960A P:63.250W PF:0.0000 Freq:50.00Hz Lamp Flux:11786x1 lm		
NAME: Sellar 3G Solar Street Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
	SUR.:	

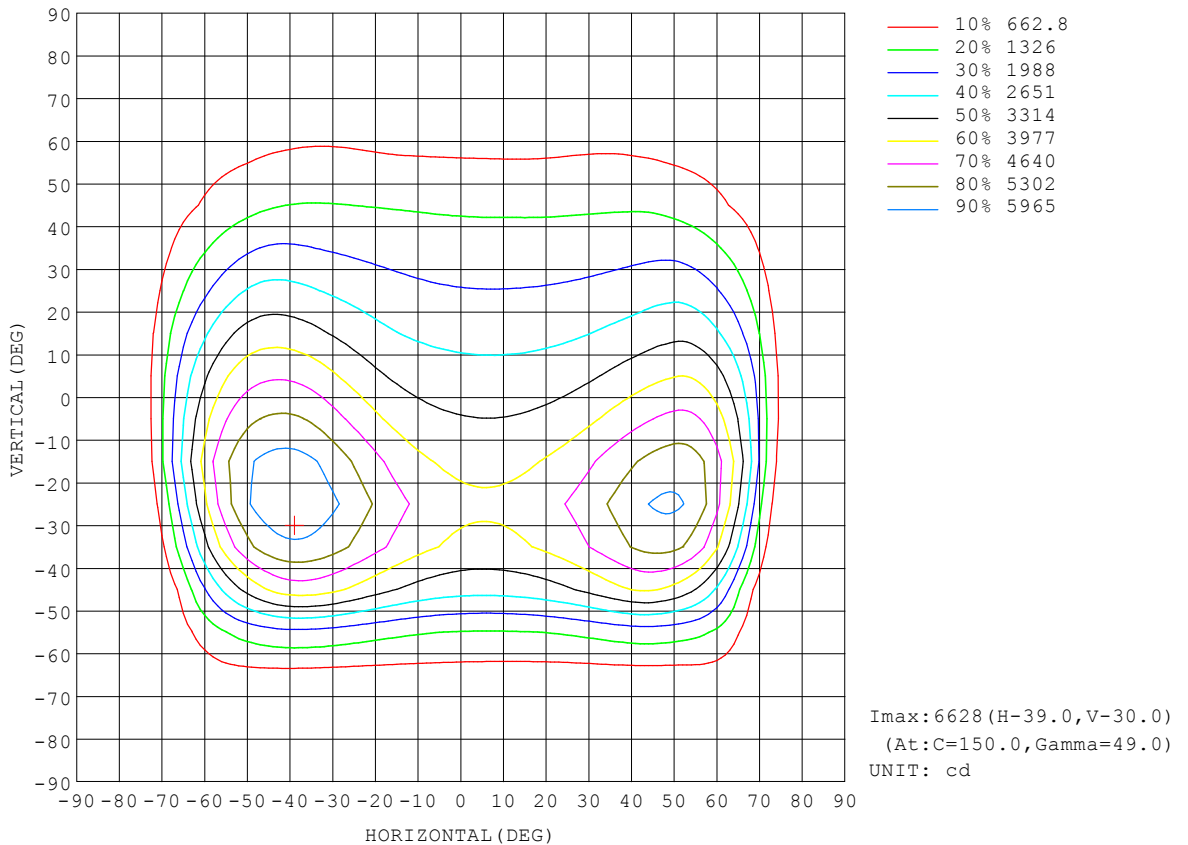
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	3096	3417	3589	3586	3289	2883	2671	2773	0- 10	299.8	299.8	2.54,2.54
20	3212	3833	3988	4312	3738	2669	2233	2461	10- 20	917.4	1217	10.3,10.3
30	3506	4341	4315	5179	4459	2467	1806	2169	20- 30	1585	2802	23.8,23.8
40	3980	4937	3370	5960	4992	2118	1418	1833	30- 40	2241	5044	42.8,42.8
50	4356	4216	2097	4958	4785	1650	961.0	1460	40- 50	2608	7652	64.9,64.9
60	3899	2581	498.0	2886	3549	1028	433.8	949.6	50- 60	2358	10010	84.9,84.9
70	1889	428.6	278.9	522.4	1272	436.1	308.7	394.9	60- 70	1353	11363	96.4,96.4
80	179.1	113.4	0	119.3	164.3	151.8	0	128.0	70- 80	390.6	11753	99.7,99.7
90	1.169	0	0	0	1.099	0	0	0	80- 90	32.82	11786	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(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:

ISOCANDELA DIAGRAM

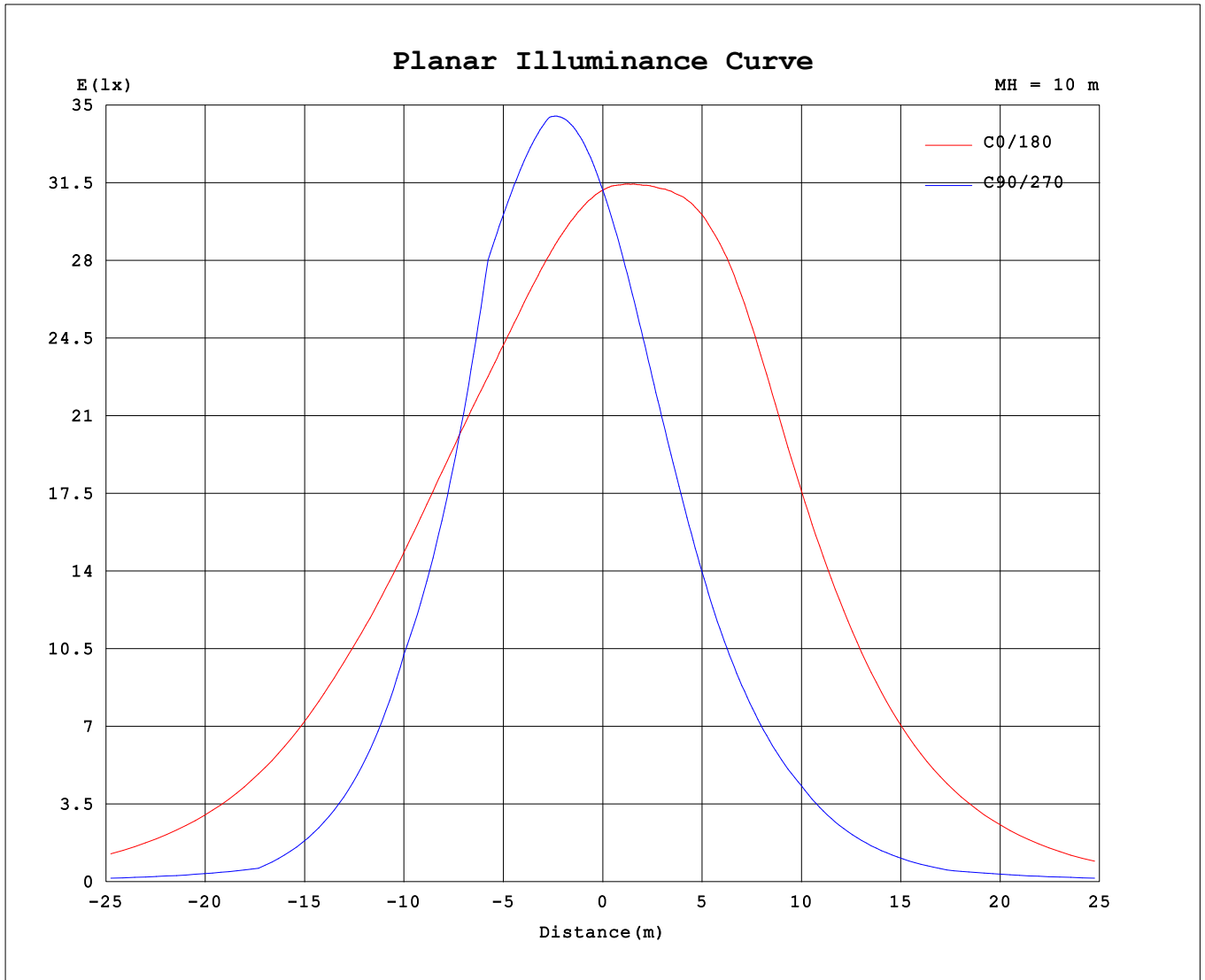
Test:U:19.790V I:3.1960A P:63.250W PF:0.0000 Freq:50.00Hz Lamp Flux:11786x1 lm		
NAME: Sellar 3G Solar Street Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
	SUR.:	



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:

Planar Illuminance Curve



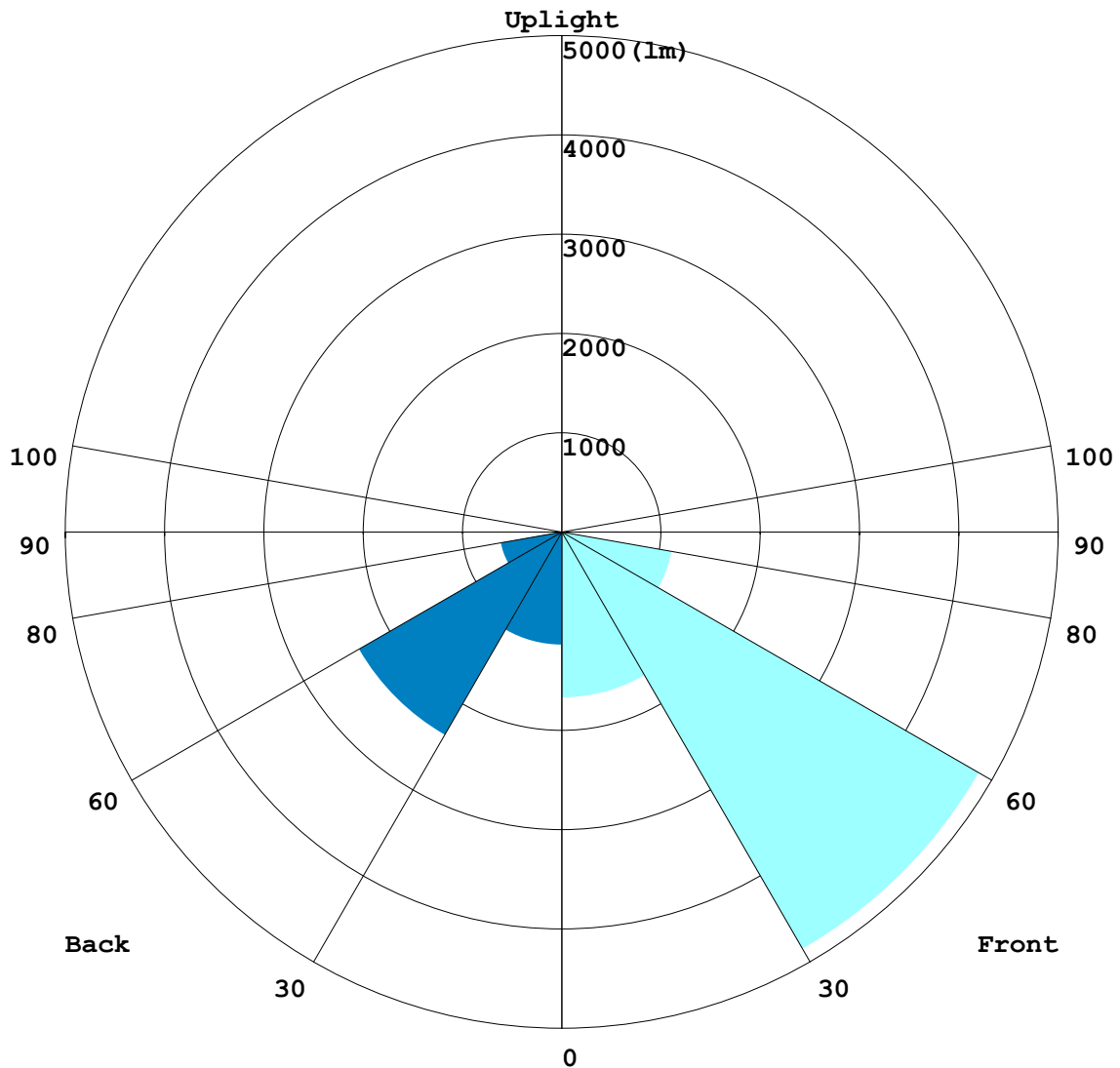
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2026-04-22

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:

LCS REPORT

Test:U:19.790V I:3.1960A P:63.250W PF:0.0000 Freq:50.00Hz		
Lamp Flux:11786x1 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:19.790V I:3.1960A P:63.250W PF:0.0000 Freq:50.00Hz Lamp Flux:11786x1 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)	1667.6	14.1
FM - Front-Medium(30-60)	4849.2	41.1
FH - Front-High(60-80)	1121.1	9.5
FVH - Front-Very High(80-90)	16.154	0.1
Total Forward Light	7654.1	64.9

BL - Back-Low(0-30)	1134.7	9.6
BM - Back-Medium(30-60)	2358	20.0
BH - Back-High(60-80)	622.4	5.3
BVH - Back-Very High(80-90)	16.67	0.1
Total Back Light	4131.8	35.1

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	B3-U0-G2
----------------------------------	-----------------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	4131.8	0	4131.8
Street Side	7654.1	0	7654.1

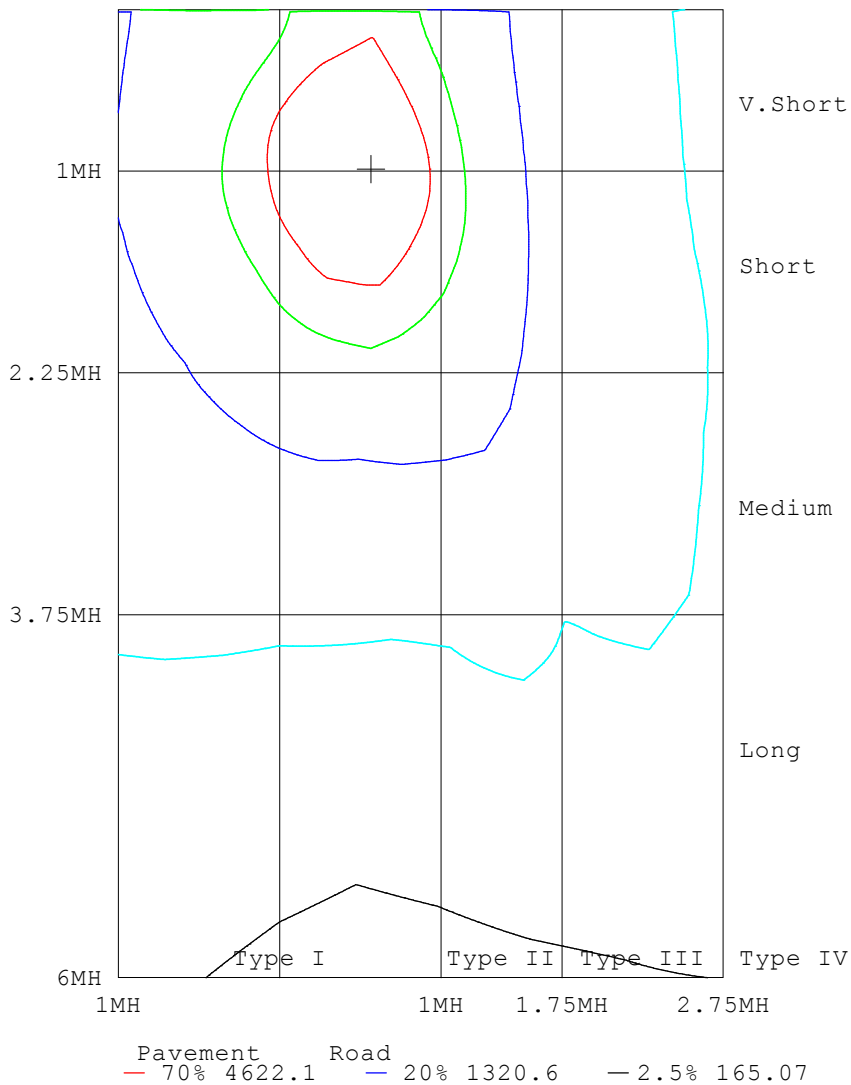
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2026-04-22

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:

ROAD ISOCANDELA REPORT

Test:U:19.790V I:3.1960A P:63.250W PF:0.0000 Freq:50.00Hz Lamp Flux:11786x1 lm		
NAME: Sellar 3G Solar Street Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
	SUR.:	

ROAD SURFACE ISOCANDELA DIAGRAM



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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:19.790V I:3.1960A P:63.250W PF:0.0000 Freq:50.00Hz		
Lamp Flux:11786x1 lm		
NAME: Sellar 3G Solar Street Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
	SUR.:	

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	3118	3118	3118	3118	3118	3118	3118	3118	3118	3118	3118	3118	3118	3118	3118	3118	3118	3118	3118
5	3089	3109	3129	3150	3169	3189	3207	3225	3242	3258	3273	3288	3301	3313	3324	3333	3341	3348	3353
10	3096	3137	3177	3217	3255	3291	3325	3358	3389	3417	3444	3468	3491	3512	3531	3548	3563	3576	3589
15	3136	3202	3266	3327	3383	3437	3485	3529	3569	3606	3638	3668	3695	3720	3743	3764	3786	3805	3824
20	3212	3310	3402	3488	3566	3636	3698	3750	3796	3833	3857	3870	3882	3894	3907	3922	3940	3962	3988
25	3333	3472	3601	3717	3821	3910	3983	4038	4054	4064	4067	4067	4066	4065	4068	4078	4093	4117	4151
30	3506	3699	3876	4032	4163	4270	4330	4346	4350	4341	4321	4300	4277	4256	4241	4239	4247	4273	4315
35	3735	3993	4229	4435	4604	4693	4719	4719	4701	4668	4624	4569	4349	4153	4002	3897	3836	3816	3842
40	3980	4315	4621	4889	5077	5141	5164	5148	5105	4937	4554	4223	3948	3729	3564	3446	3376	3350	3370
45	4200	4621	5010	5356	5516	5611	5641	5618	5097	4607	4180	3816	3520	3286	3113	2991	2915	2885	2897
50	4356	4866	5350	5706	5906	6056	5981	5330	4743	4216	3754	3367	2991	2665	2426	2257	2149	2097	2097
55	4315	4892	5496	5813	6112	6156	5446	4831	4260	3715	3044	2511	2108	1809	1593	1444	1349	1301	1298
60	3899	4501	5098	5424	5764	5128	4543	4050	3307	2581	1976	1506	1159	911	738	620	545	506	498
65	3096	3622	4040	4483	4189	3747	3227	2572	1908	1279	770	465	434	411	397	389	385	385	388
70	1889	2163	2362	2515	2419	2185	1688	1033	491	429	386	351	319	299	288	281	278	277	279
75	593	576	633	666	888	782	506	396	322	280	259	235	203	186	177	173	171	169	169
80	179	169	177	201	212	259	246	183	138	113	98.8	74.5	47.8	31.2	19.8	11.2	5.01	1.26	0.00
85	56.1	35.6	56.5	74.8	70.1	35.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	1.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:19.790V I:3.1960A P:63.250W PF:0.0000 Freq:50.00Hz Lamp Flux:11786x1 lm		
NAME: Sellar 3G Solar Street Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
	SUR.:	

Table--3

UNIT: cd

C (DEG) \ γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	3118	3118	3118	3118	3118	3118	3118	3118	3118	3118	3118	3118	3118	3118	3118	3118	3118	3118	3118
5	3136	3115	3094	3073	3053	3033	3014	2996	2979	2963	2948	2935	2923	2913	2905	2899	2894	2892	2891
10	3200	3153	3106	3059	3013	2967	2924	2883	2845	2810	2778	2751	2728	2708	2691	2679	2671	2667	2667
15	3321	3240	3158	3076	2995	2917	2844	2776	2715	2659	2609	2565	2529	2500	2478	2458	2447	2443	2445
20	3503	3377	3249	3121	2997	2879	2770	2669	2582	2507	2443	2387	2338	2299	2270	2248	2233	2229	2231
25	3735	3550	3365	3182	3007	2841	2701	2575	2463	2365	2280	2208	2148	2099	2062	2036	2020	2015	2019
30	3970	3715	3464	3221	3000	2802	2625	2467	2328	2210	2110	2025	1954	1897	1853	1823	1806	1801	1808
35	4162	3835	3512	3216	2954	2715	2502	2315	2159	2028	1923	1835	1762	1703	1659	1629	1612	1608	1616
40	4227	3846	3481	3155	2844	2562	2316	2118	1962	1833	1724	1635	1563	1506	1463	1434	1418	1415	1424
45	4132	3725	3349	2992	2653	2340	2102	1906	1746	1612	1505	1419	1352	1302	1264	1238	1225	1223	1231
50	3855	3442	3065	2707	2373	2090	1849	1650	1491	1364	1261	1172	1099	1043	1002	974	961	961	975
55	3342	2937	2579	2268	1990	1734	1512	1337	1210	1095	990	898	823	769	732	708	697	698	712
60	2616	2246	1928	1699	1469	1260	1146	1028	918	813	714	621	544	492	460	442	434	436	448
65	1798	1494	1298	1102	957	885	793	692	604	529	487	442	405	386	378	374	371	370	370
70	960	849	725	665	614	535	454	436	422	399	373	347	325	315	311	310	309	308	307
75	402	398	397	376	338	322	313	303	285	265	251	244	240	242	244	246	246	245	244
80	200	209	200	197	184	168	166	152	114	83.0	60.9	43.4	28.2	16.2	7.29	1.84	0.00	1.83	7.27
85	92.5	86.9	69.1	31.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:19.790V I:3.1960A P:63.250W PF:0.0000 Freq:50.00Hz		
Lamp Flux:11786x1 lm		
NAME: Sellar 3G Solar Street Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
	SUR.:	

Table--4

UNIT: cd

C (DEG) \ γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	3118	3118	3118	3118	3118	3118	3118	3118	3118	3118	3118	3118	3118	3118	3118				
5	2893	2896	2901	2908	2916	2926	2938	2951	2965	2981	2997	3014	3032	3051	3070				
10	2671	2679	2691	2706	2725	2748	2773	2802	2832	2866	2902	2939	2978	3017	3056				
15	2451	2466	2485	2510	2540	2576	2618	2663	2714	2768	2825	2885	2948	3011	3074				
20	2242	2261	2287	2320	2360	2406	2461	2526	2599	2677	2760	2848	2939	3030	3122				
25	2034	2059	2093	2135	2186	2247	2316	2395	2483	2589	2703	2824	2950	3079	3208				
30	1827	1857	1898	1948	2010	2083	2169	2267	2379	2503	2647	2810	2982	3159	3335				
35	1635	1666	1707	1760	1826	1909	2008	2126	2263	2420	2593	2795	3024	3262	3502				
40	1444	1476	1518	1574	1644	1730	1833	1964	2127	2315	2527	2757	3039	3350	3668				
45	1252	1281	1323	1380	1453	1546	1657	1792	1957	2175	2424	2703	3020	3411	3808				
50	1002	1041	1096	1169	1252	1345	1460	1602	1779	1995	2278	2608	2967	3395	3873				
55	738	777	834	910	1002	1108	1230	1370	1546	1769	2048	2390	2773	3212	3741				
60	472	511	570	648	738	838	950	1081	1227	1415	1663	1949	2306	2726	3263				
65	372	382	403	437	475	549	638	750	867	973	1147	1391	1665	2037	2499				
70	306	310	321	340	362	383	395	412	505	608	694	797	1000	1218	1493				
75	239	235	234	236	243	255	268	281	291	303	353	403	434	508	542				
80	16.0	27.7	42.2	58.1	76.3	99.7	128	147	152	164	171	168	188	190	185				
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.5	59.3	74.3	78.9	68.8				
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

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: