

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: CORELITE

Report Number: P571909

Luminaire Tested: 22ID-25-L850-SWR

Issue Date: 10/5/2021

Test Information

Test Method: LM-79-2019
Report Number: P571909
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2109-397-1)
Test Lab: INNOVATION CENTER
Issue Date: 10/5/2021
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22ID-25-L850-SWR
Description: 2500 LUMEN, 2X2 INDEPTH TROFFER WITH 2IN REGRESSED SWEEP LENS AND 5000K, 80 CRI LEDS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2708.0 lumens
Efficiency: N/A
Efficacy: 131.5 lumens/watt
Spacing Criteria (0/90/45): 1.3 / 1.2 / 1.35
Luminous Opening: Rectangular (W 2' x L: 2' x H: 0')
CIE Type: Direct

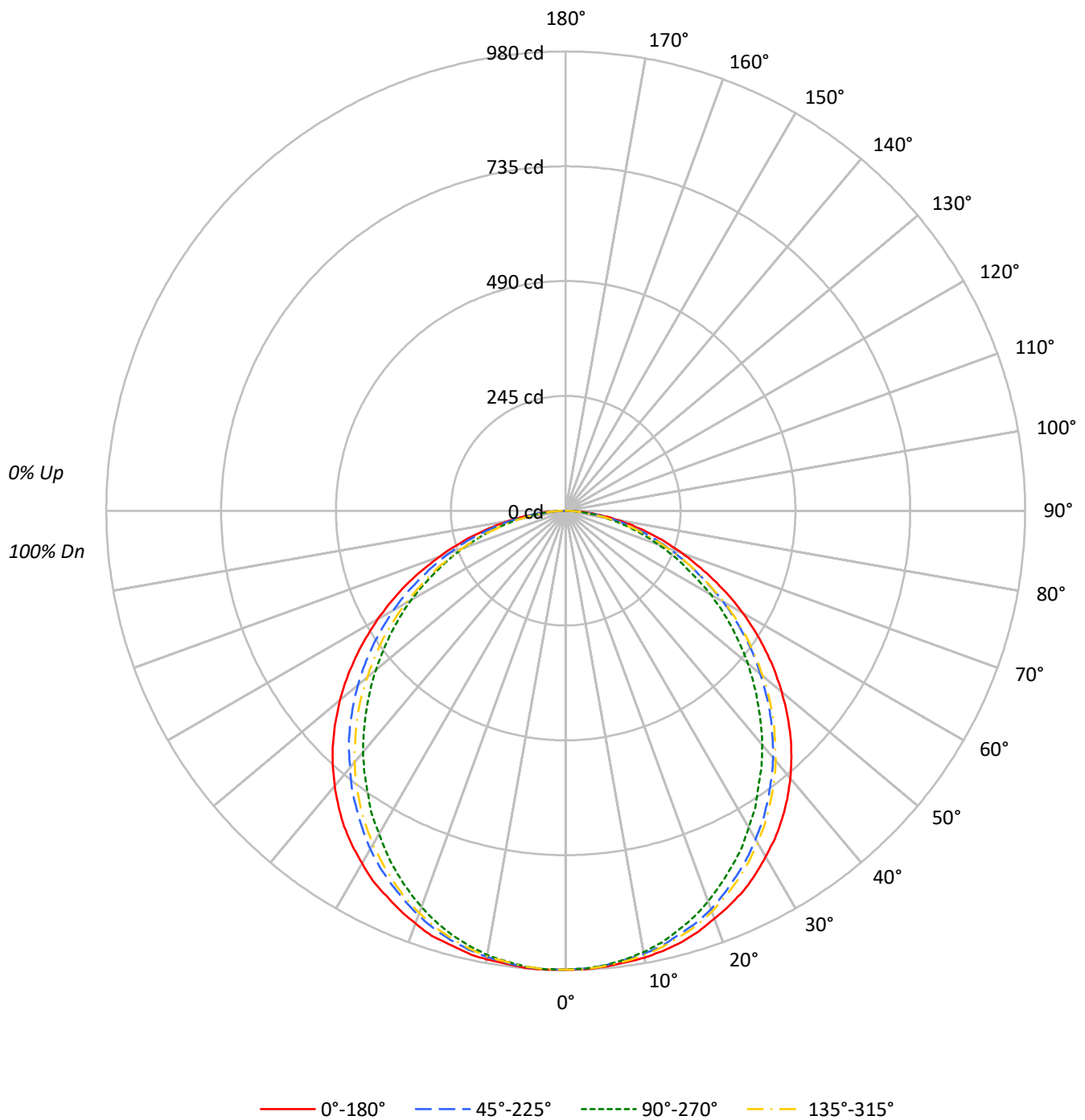
Input Watts (W): 20.6
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



TEST NUMBER: P571909

CATALOG NUMBER: 22ID-25-L850-SWR

Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	109	104	100	96	106	102	98	95	98	94	92		94	91	89		90
2	99	91	84	78	96	89	83	77	85	80	76		82	78	74		79
3	90	80	72	65	88	78	71	65	75	69	64		73	67	62		70
4	83	71	62	55	80	69	61	55	67	60	54		65	58	53		62
5	76	63	54	48	74	62	54	47	60	53	47		58	52	46		56
6	70	57	48	42	68	56	48	42	54	47	41		53	46	41		51
7	65	52	43	37	64	51	43	37	49	42	36		48	41	36		47
8	61	47	39	33	59	47	38	33	45	38	33		44	37	32		43
9	57	43	35	30	55	43	35	30	42	34	29		41	34	29		40
10	53	40	32	27	52	40	32	27	39	32	27		38	31	27		37

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	2635	2635	2635	2635
5°	2638	2630	2645	2638
10°	2646	2613	2657	2631
15°	2657	2582	2668	2612
20°	2654	2542	2685	2577
25°	2660	2488	2692	2532
30°	2650	2424	2700	2474
35°	2642	2355	2704	2417
40°	2617	2291	2693	2362
45°	2580	2206	2672	2288
50°	2517	2123	2629	2213
55°	2442	2026	2568	2133
60°	2345	1918	2490	2048
65°	2209	1782	2398	1927
70°	2074	1651	2254	1820
75°	1916	1496	2098	1692
80°	1729	1313	1855	1522
85°	1411	1081	1454	1288

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 180°

Vertical Angle: 45°

Luminance: 2672 cd/sqm

TEST NUMBER: P571909

CATALOG NUMBER: 22ID-25-L850-SWR

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.7	3.4
10°-20°	266.1	9.8
20°-30°	401.7	14.8
30°-40°	479.6	17.7
40°-50°	489.4	18.1
50°-60°	431.6	15.9
60°-70°	318.9	11.8
70°-80°	179.8	6.6
80°-90°	48.2	1.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	760.5	28.1
0°-40°	1240.1	45.8
0°-60°	2161.1	79.8
0°-90°	2708.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2708.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	979	979	979	979	979	
5°	976	974	979	976	976	93
15°	954	927	958	938	954	269
25°	896	838	906	853	896	412
35°	804	717	823	736	804	503
45°	678	580	702	601	678	522
55°	520	432	547	455	520	465
65°	347	280	377	303	347	345
75°	184	144	202	163	184	196
85°	46	35	47	42	46	54
90°	0	0	0	0	0	

TEST NUMBER: P571909

CATALOG NUMBER: 22ID-25-L850-SWR

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	979.2	979.2	979.2	979.2	979.2	979.2	979.2	979.2	979.2	979.2	979.2
2.5°	979.2	979.2	979.2	979.2	977.8	976.5	976.5	977.8	977.8	976.5	977.8
5°	976.5	976.5	976.5	975.1	973.8	973.8	973.8	973.8	972.5	973.8	973.8
7.5°	972.5	972.5	972.5	971.1	969.8	969.8	969.8	968.4	967.1	968.4	967.1
10°	968.4	967.1	967.1	967.1	964.4	963.0	963.0	963.0	961.7	961.7	960.3
12.5°	961.7	960.3	960.3	959.0	957.7	956.3	955.0	953.6	952.3	950.9	950.9
15°	953.6	953.6	950.9	949.6	946.9	945.6	944.2	942.9	940.2	938.8	936.1
17.5°	941.5	941.5	938.8	937.5	934.8	932.1	932.1	929.4	926.7	924.0	922.7
20°	926.7	928.1	926.7	924.0	920.0	918.7	917.3	914.6	910.6	907.9	905.2
22.5°	911.9	913.3	910.6	906.5	903.9	902.5	899.8	895.8	891.8	887.7	883.7
25°	895.8	894.4	891.8	889.1	885.0	883.7	881.0	877.0	870.2	866.2	860.8
27.5°	875.6	875.6	871.6	868.9	862.2	862.2	858.1	852.7	847.4	840.6	836.6
30°	852.7	852.7	850.1	846.0	839.3	837.9	833.9	829.9	821.8	815.1	809.7
32.5°	829.9	828.5	825.8	821.8	815.1	812.4	808.4	803.0	796.3	786.8	782.8
35°	804.3	803.0	798.9	793.6	788.2	785.5	781.5	774.7	768.0	758.6	751.9
37.5°	776.1	774.7	770.7	765.3	758.6	755.9	751.9	745.1	735.7	729.0	720.9
40°	745.1	743.8	741.1	735.7	729.0	726.3	720.9	714.2	703.4	695.4	688.7
42.5°	712.9	711.5	707.5	700.8	695.4	692.7	687.3	680.6	671.2	661.8	652.3
45°	677.9	676.5	672.5	664.4	660.4	656.4	651.0	644.3	636.2	628.1	617.4
47.5°	640.2	638.9	636.2	629.5	621.4	620.1	614.7	608.0	598.5	587.8	579.7
50°	601.2	601.2	597.2	591.8	586.4	582.4	577.0	570.3	558.2	551.5	542.0
52.5°	562.2	560.9	558.2	551.5	547.4	543.4	536.7	532.6	520.5	515.1	504.4
55°	520.5	519.2	513.8	509.8	507.1	503.0	497.7	489.6	482.9	474.8	465.4
57.5°	478.8	477.5	473.4	470.8	465.4	461.3	456.0	450.6	441.2	435.8	426.4
60°	435.8	435.8	433.1	429.1	423.7	419.6	415.6	410.2	402.2	394.1	387.4
62.5°	392.7	392.7	388.7	384.7	382.0	378.0	375.3	368.5	361.8	356.4	345.7
65°	347.0	347.0	341.6	340.3	337.6	334.9	330.9	324.2	320.1	310.7	306.7
67.5°	304.0	305.3	301.3	301.3	297.3	294.6	290.5	285.1	281.1	273.0	269.0
70°	263.6	265.0	262.3	260.9	256.9	254.2	251.5	247.5	242.1	239.4	232.7
72.5°	223.3	224.6	221.9	221.9	217.9	216.5	213.9	211.2	205.8	203.1	196.4
75°	184.3	182.9	182.9	184.3	180.2	178.9	177.5	172.2	169.5	166.8	161.4
77.5°	146.6	146.6	148.0	146.6	143.9	142.6	139.9	135.8	134.5	133.2	127.8
80°	111.6	113.0	113.0	111.6	108.9	107.6	106.3	102.2	100.9	100.9	96.8
82.5°	78.0	78.0	76.7	78.0	75.3	74.0	75.3	71.3	69.9	69.9	67.3
85°	45.7	44.4	44.4	45.7	44.4	44.4	44.4	41.7	41.7	41.7	39.0
87.5°	17.5	17.5	18.8	18.8	17.5	17.5	17.5	17.5	16.1	16.1	14.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571909

CATALOG NUMBER: 22ID-25-L850-SWR

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	979.2	979.2	979.2	979.2	979.2	979.2	979.2	979.2	979.2	979.2	979.2
2.5°	976.5	976.5	976.5	976.5	977.8	976.5	977.8	977.8	979.2	977.8	979.2
5°	973.8	973.8	972.5	972.5	972.5	972.5	972.5	972.5	972.5	973.8	973.8
7.5°	967.1	967.1	965.7	965.7	965.7	965.7	964.4	964.4	965.7	965.7	965.7
10°	959.0	957.7	956.3	956.3	956.3	956.3	955.0	956.3	956.3	956.3	956.3
12.5°	946.9	946.9	945.6	944.2	944.2	944.2	942.9	944.2	944.2	944.2	944.2
15°	934.8	933.4	932.1	929.4	929.4	928.1	926.7	928.1	926.7	926.7	928.1
17.5°	917.3	917.3	914.6	913.3	911.9	910.6	909.2	909.2	909.2	909.2	911.9
20°	899.8	898.5	895.8	890.4	891.8	890.4	887.7	889.1	889.1	887.7	887.7
22.5°	881.0	875.6	872.9	867.5	868.9	866.2	864.9	866.2	864.9	863.5	866.2
25°	855.4	852.7	846.0	846.0	843.3	842.0	842.0	840.6	839.3	837.9	840.6
27.5°	832.6	827.2	823.2	817.8	815.1	815.1	813.7	812.4	809.7	812.4	812.4
30°	804.3	798.9	792.2	789.5	786.8	786.8	784.1	782.8	780.1	780.1	784.1
32.5°	777.4	769.4	762.6	758.6	757.2	755.9	754.6	749.2	750.5	751.9	753.2
35°	745.1	738.4	733.0	729.0	725.0	723.6	722.3	718.2	718.2	716.9	720.9
37.5°	714.2	706.1	702.1	695.4	692.7	690.0	688.7	686.0	684.6	686.0	687.3
40°	680.6	673.9	667.1	660.4	657.7	656.4	652.3	652.3	649.6	652.3	652.3
42.5°	645.6	638.9	630.8	625.4	622.7	620.1	617.4	616.0	616.0	616.0	617.4
45°	610.6	602.6	594.5	589.1	586.4	585.1	581.1	579.7	577.0	579.7	581.1
47.5°	573.0	566.3	558.2	554.1	550.1	548.8	544.7	542.0	540.7	543.4	543.4
50°	535.3	528.6	521.9	516.5	512.5	511.1	507.1	507.1	504.4	507.1	507.1
52.5°	497.7	490.9	484.2	477.5	474.8	473.4	469.4	469.4	469.4	469.4	469.4
55°	460.0	450.6	446.5	439.8	437.1	435.8	434.4	430.4	431.8	431.8	431.8
57.5°	421.0	414.3	406.2	403.5	399.5	398.1	398.1	392.7	391.4	394.1	394.1
60°	382.0	376.6	368.5	364.5	361.8	361.8	357.8	352.4	351.1	356.4	356.4
62.5°	341.6	333.6	329.5	325.5	322.8	321.5	320.1	316.1	317.4	316.1	316.1
65°	304.0	295.9	293.2	289.2	286.5	285.1	283.8	281.1	278.4	279.8	279.8
67.5°	266.3	259.6	255.6	252.9	250.2	250.2	247.5	244.8	246.1	244.8	244.8
70°	230.0	224.6	219.2	217.9	215.2	215.2	213.9	212.5	211.2	209.8	209.8
72.5°	195.0	189.6	185.6	182.9	181.6	181.6	180.2	176.2	177.5	176.2	176.2
75°	158.7	154.7	153.3	150.6	149.3	149.3	148.0	145.3	146.6	143.9	141.2
77.5°	126.4	122.4	121.1	119.7	121.1	119.7	115.7	117.0	115.7	113.0	113.0
80°	96.8	92.8	92.8	90.1	88.8	88.8	87.4	87.4	86.1	84.7	84.7
82.5°	65.9	64.6	63.2	61.9	60.5	63.2	60.5	59.2	59.2	59.2	57.8
85°	37.7	37.7	36.3	36.3	35.0	36.3	35.0	33.6	35.0	35.0	32.3
87.5°	14.8	16.1	13.5	13.5	13.5	13.5	12.1	13.5	13.5	13.5	12.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571909

CATALOG NUMBER: 22ID-25-L850-SWR

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	979.2	979.2	979.2	979.2	979.2	979.2	979.2	979.2	979.2	979.2	979.2
2.5°	979.2	977.8	977.8	977.8	977.8	976.5	977.8	977.8	979.2	977.8	977.8
5°	973.8	972.5	973.8	972.5	972.5	973.8	973.8	975.1	975.1	976.5	976.5
7.5°	965.7	965.7	965.7	965.7	965.7	967.1	967.1	968.4	969.8	969.8	971.1
10°	956.3	956.3	957.7	956.3	957.7	959.0	960.3	961.7	963.0	964.4	964.4
12.5°	944.2	944.2	944.2	946.9	946.9	948.2	949.6	952.3	953.6	956.3	956.3
15°	928.1	928.1	930.8	930.8	932.1	934.8	937.5	938.8	941.5	944.2	945.6
17.5°	910.6	910.6	913.3	913.3	914.6	918.7	921.3	922.7	928.1	930.8	933.4
20°	890.4	890.4	894.4	893.1	895.8	899.8	902.5	906.5	910.6	914.6	917.3
22.5°	866.2	867.5	871.6	871.6	872.9	878.3	882.3	886.4	890.4	895.8	899.8
25°	840.6	842.0	846.0	847.4	848.7	854.1	859.5	862.2	868.9	875.6	878.3
27.5°	812.4	815.1	817.8	819.1	821.8	828.5	833.9	839.3	844.7	851.4	856.8
30°	784.1	786.8	789.5	790.9	793.6	800.3	805.7	812.4	819.1	825.8	831.2
32.5°	751.9	755.9	758.6	761.3	762.6	770.7	777.4	784.1	790.9	798.9	805.7
35°	720.9	725.0	727.7	729.0	731.7	739.8	745.1	751.9	761.3	769.4	776.1
37.5°	687.3	690.0	695.4	695.4	698.1	707.5	714.2	720.9	730.3	738.4	746.5
40°	653.7	655.0	660.4	661.8	664.4	673.9	680.6	690.0	696.7	706.1	714.2
42.5°	617.4	621.4	626.8	629.5	632.2	637.5	642.9	653.7	660.4	671.2	679.2
45°	581.1	585.1	587.8	589.1	595.8	601.2	606.6	617.4	625.4	634.9	644.3
47.5°	544.7	547.4	551.5	556.8	559.5	564.9	568.9	579.7	587.8	598.5	606.6
50°	507.1	511.1	513.8	515.1	520.5	527.2	532.6	542.0	548.8	559.5	568.9
52.5°	469.4	474.8	474.8	480.2	482.9	485.6	493.6	503.0	509.8	519.2	528.6
55°	433.1	435.8	439.8	441.2	445.2	447.9	453.3	462.7	470.8	480.2	489.6
57.5°	392.7	395.4	398.1	403.5	406.2	411.6	417.0	423.7	430.4	439.8	446.5
60°	353.7	357.8	360.5	364.5	364.5	371.2	378.0	384.7	390.1	399.5	406.2
62.5°	318.8	318.8	318.8	324.2	322.8	328.2	333.6	341.6	347.0	359.1	367.2
65°	281.1	282.5	282.5	286.5	285.1	290.5	294.6	302.6	308.0	314.7	322.8
67.5°	244.8	244.8	246.1	250.2	248.8	252.9	259.6	263.6	267.7	275.7	282.5
70°	207.1	208.5	209.8	213.9	212.5	217.9	221.9	224.6	230.0	235.4	240.8
72.5°	174.9	174.9	178.9	178.9	177.5	181.6	185.6	188.3	191.0	197.7	204.4
75°	143.9	142.6	145.3	145.3	143.9	145.3	148.0	152.0	154.7	160.1	165.4
77.5°	113.0	111.6	114.3	114.3	114.3	113.0	117.0	118.4	119.7	122.4	127.8
80°	83.4	82.0	84.7	84.7	82.0	83.4	86.1	87.4	87.4	90.1	94.2
82.5°	57.8	56.5	57.8	57.8	57.8	57.8	59.2	57.8	59.2	59.2	63.2
85°	35.0	33.6	35.0	33.6	33.6	32.3	35.0	33.6	33.6	35.0	35.0
87.5°	12.1	12.1	13.5	13.5	12.1	13.5	12.1	12.1	12.1	13.5	12.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571909

CATALOG NUMBER: 22ID-25-L850-SWR

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	979.2	979.2	979.2	979.2	979.2	979.2	979.2	979.2	979.2	979.2	979.2
2.5°	979.2	979.2	979.2	979.2	979.2	979.2	980.5	980.5	979.2	980.5	979.2
5°	976.5	976.5	977.8	977.8	977.8	977.8	977.8	979.2	979.2	979.2	977.8
7.5°	972.5	972.5	972.5	972.5	973.8	975.1	975.1	975.1	976.5	975.1	975.1
10°	965.7	968.4	968.4	969.8	969.8	971.1	972.5	972.5	972.5	972.5	972.5
12.5°	959.0	960.3	961.7	963.0	964.4	964.4	967.1	967.1	967.1	967.1	965.7
15°	948.2	950.9	952.3	953.6	956.3	956.3	959.0	957.7	960.3	959.0	957.7
17.5°	936.1	938.8	941.5	941.5	945.6	946.9	949.6	950.9	950.9	949.6	946.9
20°	921.3	925.4	926.7	929.4	932.1	934.8	936.1	937.5	938.8	937.5	936.1
22.5°	903.9	909.2	910.6	913.3	917.3	920.0	921.3	922.7	924.0	924.0	921.3
25°	885.0	891.8	891.8	895.8	899.8	903.9	906.5	906.5	909.2	906.5	906.5
27.5°	862.2	870.2	874.3	875.6	881.0	885.0	887.7	890.4	890.4	887.7	887.7
30°	839.3	847.4	851.4	852.7	859.5	863.5	866.2	868.9	868.9	868.9	866.2
32.5°	813.7	823.2	827.2	828.5	836.6	840.6	844.7	847.4	847.4	846.0	842.0
35°	786.8	793.6	800.3	803.0	809.7	813.7	820.5	823.2	821.8	821.8	817.8
37.5°	755.9	766.7	770.7	773.4	781.5	786.8	793.6	796.3	796.3	794.9	792.2
40°	723.6	735.7	739.8	743.8	751.9	758.6	762.6	766.7	766.7	766.7	764.0
42.5°	691.3	700.8	706.1	710.2	719.6	723.6	730.3	735.7	735.7	734.4	730.3
45°	655.0	665.8	671.2	675.2	684.6	692.7	696.7	702.1	700.8	700.8	695.4
47.5°	618.7	629.5	634.9	638.9	648.3	657.7	660.4	665.8	665.8	665.8	660.4
50°	581.1	591.8	595.8	599.9	610.6	616.0	622.7	628.1	628.1	629.5	624.1
52.5°	542.0	550.1	556.8	559.5	570.3	577.0	582.4	589.1	589.1	586.4	586.4
55°	500.3	509.8	516.5	519.2	527.2	538.0	542.0	547.4	547.4	547.4	544.7
57.5°	458.7	469.4	474.8	477.5	486.9	495.0	500.3	505.7	507.1	507.1	501.7
60°	415.6	426.4	431.8	434.4	445.2	451.9	457.3	462.7	464.0	465.4	460.0
62.5°	375.3	384.7	390.1	392.7	400.8	406.2	412.9	419.6	421.0	421.0	418.3
65°	330.9	340.3	344.3	347.0	353.7	363.2	371.2	376.6	378.0	376.6	376.6
67.5°	289.2	297.3	302.6	304.0	310.7	320.1	324.2	329.5	330.9	330.9	329.5
70°	247.5	256.9	260.9	263.6	269.0	277.1	281.1	286.5	287.8	289.2	286.5
72.5°	208.5	215.2	219.2	221.9	228.7	235.4	238.1	243.4	246.1	246.1	243.4
75°	169.5	176.2	178.9	181.6	187.0	193.7	196.4	201.8	204.4	203.1	203.1
77.5°	131.8	137.2	139.9	141.2	145.3	153.3	154.7	160.1	160.1	161.4	161.4
80°	96.8	100.9	103.6	104.9	107.6	113.0	115.7	119.7	122.4	121.1	121.1
82.5°	64.6	67.3	69.9	72.6	72.6	78.0	78.0	82.0	82.0	84.7	83.4
85°	36.3	37.7	39.0	40.4	40.4	44.4	44.4	47.1	49.8	47.1	47.1
87.5°	12.1	13.5	13.5	14.8	13.5	16.1	14.8	17.5	18.8	18.8	17.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571909

CATALOG NUMBER: 22ID-25-L850-SWR

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	979.2	979.2	979.2	979.2	979.2	979.2	979.2	979.2	979.2	979.2	979.2
2.5°	979.2	979.2	979.2	979.2	979.2	979.2	979.2	979.2	979.2	979.2	979.2
5°	977.8	977.8	976.5	977.8	977.8	977.8	977.8	976.5	976.5	976.5	976.5
7.5°	975.1	973.8	973.8	973.8	972.5	972.5	972.5	972.5	971.1	971.1	971.1
10°	971.1	969.8	969.8	969.8	968.4	968.4	967.1	965.7	965.7	964.4	963.0
12.5°	965.7	964.4	963.0	963.0	961.7	960.3	959.0	957.7	956.3	953.6	953.6
15°	956.3	956.3	955.0	953.6	950.9	950.9	948.2	946.9	944.2	941.5	941.5
17.5°	946.9	945.6	944.2	941.5	938.8	937.5	934.8	932.1	929.4	926.7	925.4
20°	934.8	930.8	932.1	928.1	925.4	922.7	918.7	916.0	911.9	909.2	906.5
22.5°	918.7	917.3	916.0	911.9	907.9	906.5	899.8	895.8	891.8	887.7	885.0
25°	901.2	899.8	898.5	894.4	889.1	886.4	879.6	875.6	868.9	866.2	863.5
27.5°	881.0	881.0	878.3	872.9	868.9	862.2	858.1	850.1	844.7	840.6	837.9
30°	859.5	859.5	856.8	850.1	844.7	837.9	833.9	825.8	819.1	815.1	809.7
32.5°	837.9	836.6	833.9	827.2	820.5	813.7	805.7	798.9	790.9	786.8	781.5
35°	812.4	811.0	808.4	800.3	794.9	786.8	777.4	769.4	761.3	757.2	749.2
37.5°	785.5	782.8	780.1	770.7	764.0	755.9	749.2	738.4	730.3	725.0	720.9
40°	755.9	754.6	750.5	742.5	733.0	725.0	715.6	707.5	699.4	692.7	687.3
42.5°	726.3	720.9	718.2	710.2	703.4	691.3	684.6	673.9	665.8	660.4	652.3
45°	692.7	688.7	684.6	676.5	667.1	657.7	651.0	638.9	630.8	624.1	617.4
47.5°	655.0	653.7	649.6	640.2	632.2	622.7	614.7	602.6	594.5	589.1	582.4
50°	617.4	616.0	613.3	603.9	593.2	585.1	578.4	566.3	558.2	550.1	546.1
52.5°	582.4	577.0	574.3	566.3	555.5	546.1	540.7	528.6	520.5	512.5	507.1
55°	542.0	538.0	535.3	528.6	519.2	507.1	501.7	490.9	484.2	478.8	470.8
57.5°	501.7	496.3	493.6	485.6	478.8	469.4	462.7	451.9	445.2	439.8	434.4
60°	456.0	456.0	453.3	445.2	438.5	429.1	423.7	412.9	406.2	402.2	395.4
62.5°	418.3	412.9	411.6	402.2	398.1	388.7	384.7	375.3	371.2	364.5	357.8
65°	371.2	371.2	369.9	364.5	359.1	347.0	341.6	333.6	329.5	324.2	318.8
67.5°	329.5	325.5	325.5	320.1	313.4	306.7	302.6	294.6	291.9	285.1	281.1
70°	287.8	283.8	283.8	277.1	273.0	266.3	263.6	256.9	251.5	248.8	244.8
72.5°	246.1	243.4	242.1	236.7	234.0	227.3	226.0	219.2	213.9	212.5	208.5
75°	204.4	201.8	197.7	199.1	193.7	188.3	187.0	182.9	180.2	176.2	172.2
77.5°	162.7	160.1	160.1	157.4	154.7	150.6	149.3	146.6	142.6	139.9	137.2
80°	123.7	121.1	121.1	119.7	115.7	113.0	113.0	108.9	108.9	106.3	104.9
82.5°	84.7	83.4	82.0	83.4	80.7	78.0	79.4	78.0	76.7	74.0	72.6
85°	49.8	48.4	47.1	49.8	47.1	48.4	47.1	45.7	45.7	44.4	43.0
87.5°	18.8	18.8	17.5	18.8	18.8	20.2	18.8	18.8	18.8	18.8	18.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571909

CATALOG NUMBER: 22ID-25-L850-SWR

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	979.2	979.2	979.2	979.2	979.2	979.2	979.2	979.2	979.2	979.2	979.2
2.5°	979.2	979.2	979.2	979.2	979.2	979.2	979.2	979.2	979.2	979.2	979.2
5°	976.5	976.5	976.5	976.5	976.5	976.5	976.5	976.5	976.5	975.1	976.5
7.5°	971.1	969.8	971.1	969.8	969.8	969.8	969.8	969.8	969.8	969.8	969.8
10°	963.0	963.0	963.0	963.0	963.0	963.0	963.0	963.0	963.0	961.7	961.7
12.5°	953.6	953.6	952.3	952.3	952.3	950.9	950.9	952.3	952.3	950.9	952.3
15°	940.2	941.5	938.8	937.5	937.5	937.5	937.5	937.5	937.5	937.5	938.8
17.5°	925.4	924.0	922.7	922.7	921.3	920.0	920.0	921.3	921.3	922.7	922.7
20°	906.5	906.5	903.9	902.5	901.2	899.8	899.8	901.2	901.2	901.2	903.9
22.5°	885.0	883.7	881.0	879.6	879.6	877.0	878.3	879.6	879.6	879.6	881.0
25°	860.8	859.5	858.1	856.8	854.1	852.7	852.7	855.4	855.4	858.1	859.5
27.5°	835.3	833.9	831.2	828.5	827.2	825.8	825.8	828.5	828.5	831.2	832.6
30°	808.4	807.0	803.0	801.6	797.6	796.3	797.6	800.3	801.6	803.0	804.3
32.5°	780.1	777.4	773.4	772.0	768.0	769.4	766.7	770.7	772.0	773.4	774.7
35°	749.2	746.5	742.5	738.4	737.1	735.7	735.7	738.4	738.4	742.5	743.8
37.5°	715.6	714.2	710.2	707.5	704.8	704.8	702.1	706.1	707.5	710.2	710.2
40°	684.6	683.3	676.5	673.9	671.2	672.5	668.5	672.5	673.9	676.5	677.9
42.5°	648.3	647.0	641.6	638.9	636.2	637.5	633.5	637.5	636.2	640.2	641.6
45°	613.3	612.0	608.0	602.6	599.9	601.2	601.2	601.2	599.9	603.9	605.3
47.5°	578.4	575.7	571.6	566.3	563.6	564.9	564.9	564.9	563.6	568.9	568.9
50°	542.0	539.4	535.3	529.9	528.6	528.6	528.6	528.6	528.6	531.3	532.6
52.5°	504.4	503.0	499.0	493.6	490.9	490.9	490.9	488.2	490.9	492.3	493.6
55°	466.7	465.4	458.7	456.0	453.3	454.6	453.3	451.9	451.9	454.6	456.0
57.5°	429.1	427.7	423.7	422.3	415.6	417.0	415.6	415.6	417.0	417.0	418.3
60°	391.4	390.1	386.0	384.7	379.3	380.6	375.3	378.0	379.3	379.3	379.3
62.5°	351.1	351.1	344.3	341.6	338.9	340.3	336.3	336.3	336.3	338.9	338.9
65°	314.7	313.4	308.0	305.3	302.6	302.6	299.9	299.9	298.6	301.3	301.3
67.5°	277.1	277.1	271.7	269.0	266.3	267.7	263.6	263.6	265.0	265.0	265.0
70°	240.8	240.8	236.7	235.4	231.3	231.3	227.3	228.7	228.7	228.7	228.7
72.5°	205.8	205.8	201.8	200.4	196.4	196.4	192.3	193.7	193.7	192.3	192.3
75°	170.8	172.2	165.4	164.1	161.4	162.7	160.1	158.7	160.1	157.4	157.4
77.5°	135.8	135.8	134.5	133.2	129.1	129.1	127.8	125.1	126.4	123.7	123.7
80°	102.2	103.6	99.5	100.9	96.8	98.2	96.8	94.2	94.2	92.8	91.5
82.5°	71.3	71.3	69.9	71.3	69.9	68.6	67.3	65.9	65.9	63.2	63.2
85°	43.0	44.4	41.7	43.0	43.0	41.7	39.0	39.0	39.0	37.7	37.7
87.5°	17.5	20.2	18.8	18.8	18.8	18.8	17.5	18.8	17.5	16.1	16.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571909

CATALOG NUMBER: 22ID-25-L850-SWR

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	979.2	979.2	979.2	979.2	979.2	979.2	979.2	979.2	979.2	979.2	979.2
2.5°	977.8	979.2	979.2	979.2	979.2	977.8	977.8	977.8	977.8	977.8	979.2
5°	975.1	976.5	976.5	976.5	976.5	976.5	976.5	976.5	976.5	976.5	976.5
7.5°	969.8	969.8	971.1	971.1	971.1	971.1	972.5	971.1	972.5	971.1	972.5
10°	961.7	963.0	964.4	964.4	965.7	964.4	965.7	965.7	967.1	967.1	967.1
12.5°	952.3	953.6	953.6	956.3	956.3	956.3	957.7	957.7	959.0	960.3	960.3
15°	938.8	940.2	941.5	941.5	944.2	946.9	946.9	948.2	949.6	950.9	950.9
17.5°	922.7	924.0	925.4	928.1	930.8	933.4	934.8	934.8	937.5	938.8	938.8
20°	903.9	906.5	909.2	911.9	913.3	917.3	918.7	920.0	922.7	925.4	925.4
22.5°	883.7	885.0	889.1	891.8	894.4	898.5	899.8	903.9	906.5	907.9	909.2
25°	859.5	862.2	866.2	868.9	871.6	877.0	881.0	883.7	887.7	890.4	890.4
27.5°	832.6	836.6	840.6	843.3	847.4	854.1	858.1	860.8	866.2	868.9	870.2
30°	805.7	808.4	813.7	817.8	821.8	828.5	833.9	837.9	843.3	846.0	847.4
32.5°	776.1	780.1	785.5	789.5	794.9	801.6	807.0	811.0	819.1	820.5	821.8
35°	745.1	749.2	753.2	759.9	765.3	772.0	778.8	784.1	788.2	793.6	794.9
37.5°	712.9	716.9	722.3	727.7	733.0	741.1	747.8	751.9	758.6	762.6	765.3
40°	679.2	683.3	690.0	696.7	700.8	708.8	715.6	720.9	730.3	733.0	733.0
42.5°	642.9	648.3	652.3	660.4	664.4	673.9	680.6	688.7	694.0	698.1	699.4
45°	608.0	612.0	620.1	625.4	629.5	638.9	645.6	652.3	659.1	661.8	664.4
47.5°	570.3	575.7	582.4	585.1	591.8	601.2	608.0	614.7	622.7	625.4	626.8
50°	534.0	538.0	542.0	547.4	552.8	562.2	570.3	577.0	583.7	586.4	587.8
52.5°	496.3	500.3	504.4	511.1	513.8	523.2	527.2	534.0	543.4	546.1	547.4
55°	457.3	462.7	468.1	472.1	474.8	482.9	488.2	496.3	501.7	504.4	507.1
57.5°	418.3	422.3	427.7	433.1	434.4	442.5	449.2	453.3	460.0	462.7	465.4
60°	380.6	384.7	388.7	390.1	394.1	402.2	408.9	411.6	418.3	421.0	422.3
62.5°	340.3	341.6	347.0	351.1	351.1	361.8	365.8	371.2	376.6	378.0	380.6
65°	302.6	305.3	305.3	308.0	312.0	318.8	321.5	328.2	332.2	333.6	334.9
67.5°	265.0	267.7	270.3	273.0	273.0	279.8	281.1	286.5	290.5	291.9	293.2
70°	228.7	228.7	232.7	235.4	234.0	239.4	242.1	244.8	250.2	251.5	252.9
72.5°	193.7	192.3	195.0	197.7	200.4	201.8	204.4	205.8	209.8	212.5	213.9
75°	158.7	160.1	160.1	161.4	160.1	161.4	165.4	169.5	172.2	173.5	176.2
77.5°	123.7	125.1	125.1	126.4	127.8	127.8	129.1	134.5	137.2	138.5	137.2
80°	91.5	92.8	92.8	94.2	95.5	96.8	96.8	99.5	103.6	104.9	104.9
82.5°	64.6	64.6	64.6	64.6	65.9	65.9	67.3	69.9	72.6	72.6	75.3
85°	39.0	39.0	37.7	39.0	37.7	39.0	40.4	43.0	44.4	44.4	45.7
87.5°	17.5	16.1	17.5	17.5	16.1	16.1	16.1	17.5	17.5	18.8	18.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571909

CATALOG NUMBER: 22ID-25-L850-SWR

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	979.2	979.2	979.2	979.2
2.5°	979.2	979.2	979.2	979.2
5°	976.5	976.5	976.5	976.5
7.5°	972.5	972.5	972.5	972.5
10°	967.1	968.4	968.4	968.4
12.5°	960.3	960.3	961.7	961.7
15°	952.3	952.3	952.3	953.6
17.5°	940.2	941.5	941.5	941.5
20°	926.7	928.1	928.1	926.7
22.5°	909.2	910.6	911.9	911.9
25°	891.8	894.4	895.8	895.8
27.5°	871.6	874.3	875.6	875.6
30°	850.1	852.7	852.7	852.7
32.5°	824.5	828.5	829.9	829.9
35°	797.6	803.0	804.3	804.3
37.5°	769.4	772.0	776.1	776.1
40°	738.4	741.1	745.1	745.1
42.5°	704.8	710.2	710.2	712.9
45°	668.5	673.9	675.2	677.9
47.5°	632.2	637.5	638.9	640.2
50°	593.2	597.2	601.2	601.2
52.5°	554.1	556.8	559.5	562.2
55°	512.5	516.5	517.8	520.5
57.5°	469.4	474.8	476.1	478.8
60°	427.7	431.8	434.4	435.8
62.5°	386.0	388.7	390.1	392.7
65°	340.3	344.3	344.3	347.0
67.5°	298.6	301.3	302.6	304.0
70°	254.2	259.6	260.9	263.6
72.5°	215.2	220.6	220.6	223.3
75°	180.2	181.6	181.6	184.3
77.5°	142.6	143.9	145.3	146.6
80°	107.6	108.9	108.9	111.6
82.5°	76.7	76.7	76.7	78.0
85°	47.1	45.7	44.4	45.7
87.5°	18.8	18.8	20.2	17.5
90°	0.0	0.0	0.0	0.0

TEST NUMBER: P571909

CATALOG NUMBER: 22ID-25-L850-SWR

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	15.28	16.91	15.64	17.22	17.54	14.16	15.79	14.53	16.10	16.42
	3H	17.03	18.50	17.41	18.83	19.19	15.78	17.25	16.16	17.58	17.94
	4H	17.69	19.07	18.09	19.42	19.80	16.37	17.76	16.77	18.11	18.48
	6H	18.18	19.46	18.59	19.83	20.22	16.81	18.09	17.22	18.45	18.85
	8H	18.34	19.56	18.76	19.95	20.35	16.94	18.16	17.36	18.55	18.95
	12H	18.44	19.61	18.87	19.99	20.42	17.02	18.19	17.45	18.58	19.01
4H	2H	15.76	17.15	16.16	17.50	17.87	14.86	16.25	15.26	16.59	16.97
	3H	17.74	18.90	18.15	19.30	19.70	16.69	17.85	17.10	18.24	18.64
	4H	18.54	19.58	18.97	20.00	20.43	17.39	18.44	17.83	18.86	19.29
	6H	19.17	20.08	19.62	20.52	20.98	17.94	18.85	18.39	19.30	19.75
	8H	19.38	20.24	19.84	20.68	21.14	18.11	18.97	18.57	19.41	19.87
	12H	19.52	20.30	20.00	20.77	21.24	18.23	19.00	18.71	19.47	19.94
8H	4H	18.77	19.63	19.23	20.07	20.53	17.74	18.60	18.20	19.04	19.51
	6H	19.51	20.23	20.01	20.71	21.19	18.39	19.11	18.89	19.59	20.07
	8H	19.80	20.44	20.31	20.95	21.43	18.63	19.27	19.14	19.77	20.26
	12H	20.02	20.59	20.53	21.08	21.64	18.81	19.37	19.31	19.86	20.42
12H	4H	18.79	19.56	19.27	20.03	20.50	17.79	18.56	18.27	19.03	19.50
	6H	19.55	20.19	20.06	20.69	21.18	18.46	19.10	18.97	19.61	20.09
	8H	19.89	20.45	20.39	20.94	21.50	18.75	19.31	19.25	19.80	20.36