

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: P571901

Luminaire Tested: 22ID-25-L835-SWR

Issue Date: 10/5/2021

Test Information

Test Method: LM-79-2019
Report Number: P571901
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-L835-SWR
Description: 2500 LUMEN, 2X2 INDEPTH TROFFER WITH 2IN REGRESSED SWEEP LENS AND 3500K, 80 CRI LEDS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2549.0 lumens
Efficiency: N/A
Efficacy: 123.7 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

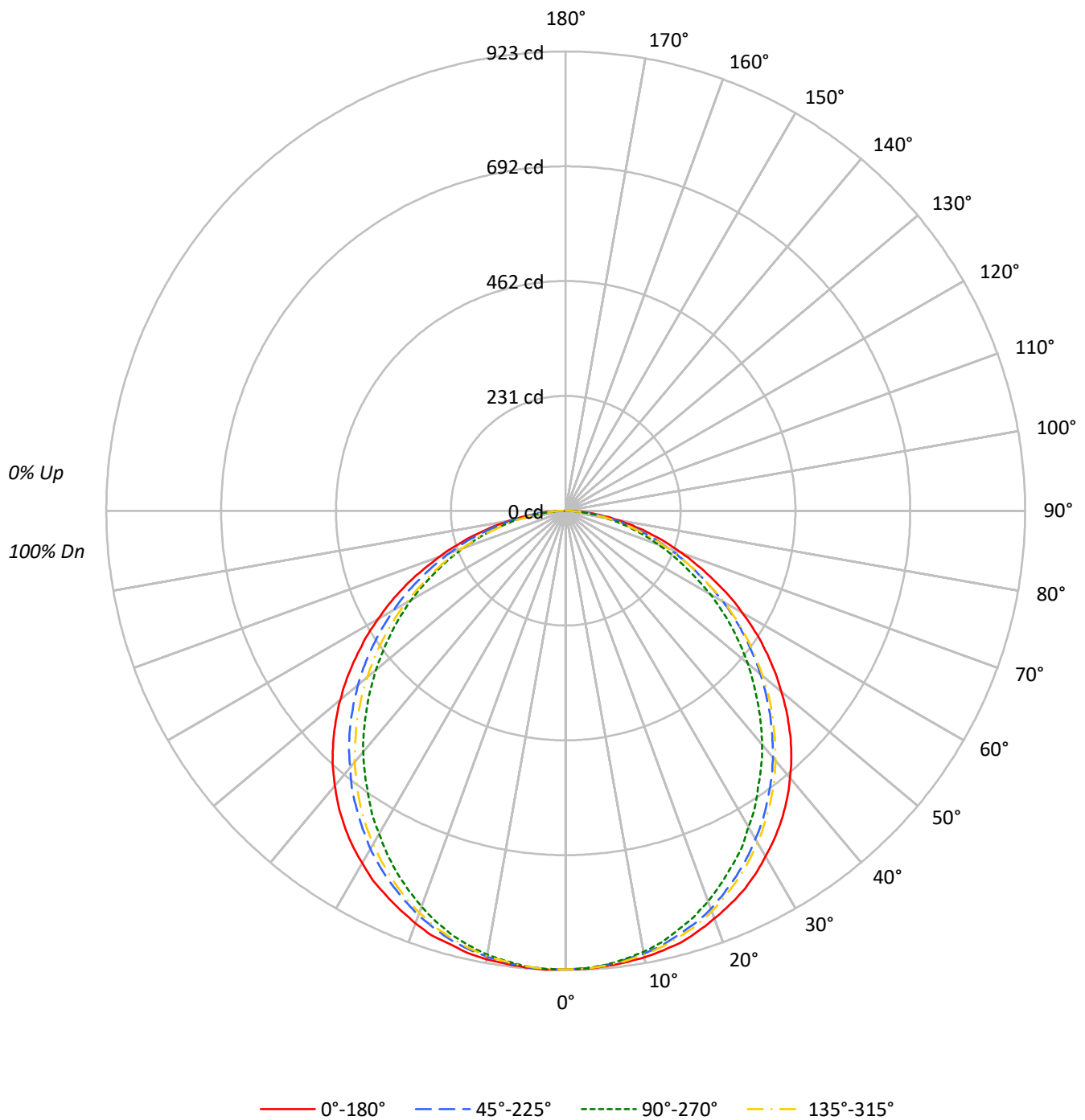
Input Watts (W): 20.6
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



TEST NUMBER: P571901

CATALOG NUMBER: 22ID-25-L835-SWR

Luminous Intensity Polar Plot



TEST NUMBER: P571901

CATALOG NUMBER: 22ID-25-L835-SWR

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102
1	109	104	100	96	106	102	98	95	98	94	92	94	91	89	90	88	86
2	99	91	84	78	96	89	83	77	85	80	76	82	78	74	79	76	72
3	90	80	72	65	88	78	71	65	75	69	64	73	67	62	70	65	61
4	83	71	62	55	80	69	61	55	67	60	54	65	58	53	62	57	53
5	76	63	54	48	74	62	54	47	60	53	47	58	52	46	56	51	46
6	70	57	48	42	68	56	48	42	54	47	41	53	46	41	51	45	40
7	65	52	43	37	64	51	43	37	49	42	36	48	41	36	47	41	36
8	61	47	39	33	59	47	38	33	45	38	33	44	37	32	43	37	32
9	57	43	35	30	55	43	35	30	42	34	29	41	34	29	40	33	29
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	26

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	2480	2480	2480	2480
5°	2483	2476	2490	2483
10°	2491	2460	2501	2477
15°	2501	2430	2511	2458
20°	2498	2393	2527	2426
25°	2504	2342	2534	2383
30°	2494	2282	2541	2329
35°	2487	2217	2545	2275
40°	2464	2157	2535	2224
45°	2428	2077	2515	2154
50°	2369	1998	2475	2083
55°	2299	1907	2418	2008
60°	2208	1806	2344	1928
65°	2080	1677	2257	1814
70°	1952	1554	2122	1714
75°	1803	1409	1974	1593
80°	1629	1237	1746	1432
85°	1328	1016	1368	1210

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 180°

Vertical Angle: 45°

Luminance: 2515 cd/sqm

TEST NUMBER: P571901

CATALOG NUMBER: 22ID-25-L835-SWR

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.3	3.4
10°-20°	250.5	9.8
20°-30°	378.1	14.8
30°-40°	451.4	17.7
40°-50°	460.6	18.1
50°-60°	406.2	15.9
60°-70°	300.2	11.8
70°-80°	169.3	6.6
80°-90°	45.3	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°	715.9	28.1
0°-40°	1167.3	45.8
0°-60°	2034.2	79.8
0°-90°	2549.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2549.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	922	922	922	922	922	
5°	919	917	922	919	919	87
15°	898	872	901	882	898	253
25°	843	789	853	803	843	388
35°	757	675	775	692	757	473
45°	638	546	661	566	638	491
55°	490	406	515	428	490	438
65°	327	263	354	285	327	324
75°	173	136	190	153	173	184
85°	43	33	44	39	43	50
90°	0	0	0	0	0	

TEST NUMBER: P571901

CATALOG NUMBER: 22ID-25-L835-SWR

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7
2.5°	921.7	921.7	921.7	921.7	920.4	919.2	919.2	920.4	920.4	919.2	920.4
5°	919.2	919.2	919.2	917.9	916.6	916.6	916.6	916.6	915.4	916.6	916.6
7.5°	915.4	915.4	915.4	914.1	912.8	912.8	912.8	911.6	910.3	911.6	910.3
10°	911.6	910.3	910.3	910.3	907.8	906.5	906.5	906.5	905.2	905.2	904.0
12.5°	905.2	904.0	904.0	902.7	901.4	900.2	898.9	897.6	896.4	895.1	895.1
15°	897.6	897.6	895.1	893.8	891.3	890.0	888.8	887.5	885.0	883.7	881.2
17.5°	886.2	886.2	883.7	882.4	879.9	877.4	877.4	874.8	872.3	869.8	868.5
20°	872.3	873.6	872.3	869.8	866.0	864.7	863.4	860.9	857.1	854.6	852.1
22.5°	858.4	859.6	857.1	853.3	850.8	849.5	847.0	843.2	839.4	835.6	831.8
25°	843.2	841.9	839.4	836.9	833.1	831.8	829.3	825.5	819.1	815.3	810.3
27.5°	824.2	824.2	820.4	817.9	811.5	811.5	807.7	802.7	797.6	791.3	787.5
30°	802.7	802.7	800.1	796.3	790.0	788.7	785.0	781.2	773.6	767.2	762.2
32.5°	781.2	779.9	777.4	773.6	767.2	764.7	760.9	755.8	749.5	740.6	736.8
35°	757.1	755.8	752.0	747.0	741.9	739.4	735.6	729.2	722.9	714.1	707.7
37.5°	730.5	729.2	725.4	720.4	714.1	711.5	707.7	701.4	692.5	686.2	678.6
40°	701.4	700.1	697.6	692.5	686.2	683.7	678.6	672.3	662.1	654.5	648.2
42.5°	671.0	669.7	665.9	659.6	654.5	652.0	647.0	640.6	631.8	622.9	614.0
45°	638.1	636.8	633.0	625.4	621.6	617.8	612.8	606.4	598.8	591.2	581.1
47.5°	602.6	601.4	598.8	592.5	584.9	583.6	578.6	572.3	563.4	553.3	545.7
50°	565.9	565.9	562.1	557.1	552.0	548.2	543.1	536.8	525.4	519.1	510.2
52.5°	529.2	527.9	525.4	519.1	515.3	511.5	505.2	501.4	490.0	484.9	474.8
55°	490.0	488.7	483.6	479.8	477.3	473.5	468.4	460.8	454.5	446.9	438.1
57.5°	450.7	449.4	445.6	443.1	438.1	434.3	429.2	424.1	415.3	410.2	401.3
60°	410.2	410.2	407.7	403.9	398.8	395.0	391.2	386.1	378.5	371.0	364.6
62.5°	369.7	369.7	365.9	362.1	359.6	355.8	353.2	346.9	340.6	335.5	325.4
65°	326.6	326.6	321.6	320.3	317.8	315.2	311.4	305.1	301.3	292.5	288.7
67.5°	286.1	287.4	283.6	283.6	279.8	277.3	273.5	268.4	264.6	257.0	253.2
70°	248.1	249.4	246.9	245.6	241.8	239.3	236.8	233.0	227.9	225.4	219.0
72.5°	210.2	211.4	208.9	208.9	205.1	203.8	201.3	198.8	193.7	191.2	184.8
75°	173.4	172.2	172.2	173.4	169.7	168.4	167.1	162.1	159.5	157.0	151.9
77.5°	138.0	138.0	139.3	138.0	135.5	134.2	131.7	127.9	126.6	125.3	120.3
80°	105.1	106.3	106.3	105.1	102.6	101.3	100.0	96.2	95.0	95.0	91.2
82.5°	73.4	73.4	72.2	73.4	70.9	69.6	70.9	67.1	65.8	65.8	63.3
85°	43.0	41.8	41.8	43.0	41.8	41.8	41.8	39.2	39.2	39.2	36.7
87.5°	16.5	16.5	17.7	17.7	16.5	16.5	16.5	16.5	15.2	15.2	13.9
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: P571901

CATALOG NUMBER: 22ID-25-L835-SWR

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7
2.5°	919.2	919.2	919.2	919.2	920.4	919.2	920.4	920.4	921.7	920.4	921.7
5°	916.6	916.6	915.4	915.4	915.4	915.4	915.4	915.4	915.4	916.6	916.6
7.5°	910.3	910.3	909.0	909.0	909.0	909.0	907.8	907.8	909.0	909.0	909.0
10°	902.7	901.4	900.2	900.2	900.2	900.2	898.9	900.2	900.2	900.2	900.2
12.5°	891.3	891.3	890.0	888.8	888.8	888.8	887.5	888.8	888.8	888.8	888.8
15°	879.9	878.6	877.4	874.8	874.8	873.6	872.3	873.6	872.3	872.3	873.6
17.5°	863.4	863.4	860.9	859.6	858.4	857.1	855.9	855.9	855.9	855.9	858.4
20°	847.0	845.7	843.2	838.1	839.4	838.1	835.6	836.9	836.9	835.6	835.6
22.5°	829.3	824.2	821.7	816.6	817.9	815.3	814.1	815.3	814.1	812.8	815.3
25°	805.2	802.7	796.3	796.3	793.8	792.5	792.5	791.3	790.0	788.7	791.3
27.5°	783.7	778.6	774.8	769.8	767.2	767.2	766.0	764.7	762.2	764.7	764.7
30°	757.1	752.0	745.7	743.2	740.6	740.6	738.1	736.8	734.3	734.3	738.1
32.5°	731.8	724.2	717.9	714.1	712.8	711.5	710.3	705.2	706.5	707.7	709.0
35°	701.4	695.1	690.0	686.2	682.4	681.1	679.9	676.1	676.1	674.8	678.6
37.5°	672.3	664.7	660.9	654.5	652.0	649.5	648.2	645.7	644.4	645.7	647.0
40°	640.6	634.3	628.0	621.6	619.1	617.8	614.0	614.0	611.5	614.0	614.0
42.5°	607.7	601.4	593.8	588.7	586.2	583.6	581.1	579.9	579.9	579.9	581.1
45°	574.8	567.2	559.6	554.5	552.0	550.7	546.9	545.7	543.1	545.7	546.9
47.5°	539.3	533.0	525.4	521.6	517.8	516.5	512.8	510.2	509.0	511.5	511.5
50°	503.9	497.6	491.2	486.2	482.4	481.1	477.3	477.3	474.8	477.3	477.3
52.5°	468.4	462.1	455.8	449.4	446.9	445.6	441.9	441.9	441.9	441.9	441.9
55°	433.0	424.1	420.3	414.0	411.5	410.2	408.9	405.1	406.4	406.4	406.4
57.5°	396.3	389.9	382.3	379.8	376.0	374.8	374.8	369.7	368.4	371.0	371.0
60°	359.6	354.5	346.9	343.1	340.6	340.6	336.8	331.7	330.4	335.5	335.5
62.5°	321.6	314.0	310.2	306.4	303.9	302.6	301.3	297.5	298.8	297.5	297.5
65°	286.1	278.5	276.0	272.2	269.7	268.4	267.1	264.6	262.1	263.3	263.3
67.5°	250.7	244.3	240.5	238.0	235.5	235.5	233.0	230.4	231.7	230.4	230.4
70°	216.5	211.4	206.4	205.1	202.6	202.6	201.3	200.0	198.8	197.5	197.5
72.5°	183.6	178.5	174.7	172.2	170.9	170.9	169.7	165.9	167.1	165.9	165.9
75°	149.4	145.6	144.3	141.8	140.5	140.5	139.3	136.7	138.0	135.5	132.9
77.5°	119.0	115.2	113.9	112.7	113.9	112.7	108.9	110.1	108.9	106.3	106.3
80°	91.2	87.4	87.4	84.8	83.6	83.6	82.3	82.3	81.0	79.8	79.8
82.5°	62.0	60.8	59.5	58.2	57.0	59.5	57.0	55.7	55.7	55.7	54.4
85°	35.4	35.4	34.2	34.2	32.9	34.2	32.9	31.7	32.9	32.9	30.4
87.5°	13.9	15.2	12.7	12.7	12.7	12.7	11.4	12.7	12.7	12.7	11.4
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: P571901

CATALOG NUMBER: 22ID-25-L835-SWR

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7
2.5°	921.7	920.4	920.4	920.4	920.4	919.2	920.4	920.4	921.7	920.4	920.4
5°	916.6	915.4	916.6	915.4	915.4	916.6	916.6	917.9	917.9	919.2	919.2
7.5°	909.0	909.0	909.0	909.0	909.0	910.3	910.3	911.6	912.8	912.8	914.1
10°	900.2	900.2	901.4	900.2	901.4	902.7	904.0	905.2	906.5	907.8	907.8
12.5°	888.8	888.8	888.8	891.3	891.3	892.6	893.8	896.4	897.6	900.2	900.2
15°	873.6	873.6	876.1	876.1	877.4	879.9	882.4	883.7	886.2	888.8	890.0
17.5°	857.1	857.1	859.6	859.6	860.9	864.7	867.2	868.5	873.6	876.1	878.6
20°	838.1	838.1	841.9	840.7	843.2	847.0	849.5	853.3	857.1	860.9	863.4
22.5°	815.3	816.6	820.4	820.4	821.7	826.7	830.5	834.3	838.1	843.2	847.0
25°	791.3	792.5	796.3	797.6	798.9	803.9	809.0	811.5	817.9	824.2	826.7
27.5°	764.7	767.2	769.8	771.0	773.6	779.9	785.0	790.0	795.1	801.4	806.5
30°	738.1	740.6	743.2	744.4	747.0	753.3	758.4	764.7	771.0	777.4	782.4
32.5°	707.7	711.5	714.1	716.6	717.9	725.4	731.8	738.1	744.4	752.0	758.4
35°	678.6	682.4	684.9	686.2	688.7	696.3	701.4	707.7	716.6	724.2	730.5
37.5°	647.0	649.5	654.5	654.5	657.1	665.9	672.3	678.6	687.5	695.1	702.7
40°	615.3	616.6	621.6	622.9	625.4	634.3	640.6	649.5	655.8	664.7	672.3
42.5°	581.1	584.9	590.0	592.5	595.0	600.1	605.2	615.3	621.6	631.8	639.4
45°	546.9	550.7	553.3	554.5	560.9	565.9	571.0	581.1	588.7	597.6	606.4
47.5°	512.8	515.3	519.1	524.1	526.7	531.7	535.5	545.7	553.3	563.4	571.0
50°	477.3	481.1	483.6	484.9	490.0	496.3	501.4	510.2	516.5	526.7	535.5
52.5°	441.9	446.9	446.9	452.0	454.5	457.0	464.6	473.5	479.8	488.7	497.6
55°	407.7	410.2	414.0	415.3	419.1	421.6	426.7	435.5	443.1	452.0	460.8
57.5°	369.7	372.2	374.8	379.8	382.3	387.4	392.5	398.8	405.1	414.0	420.3
60°	333.0	336.8	339.3	343.1	343.1	349.4	355.8	362.1	367.2	376.0	382.3
62.5°	300.1	300.1	300.1	305.1	303.9	308.9	314.0	321.6	326.6	338.0	345.6
65°	264.6	265.9	265.9	269.7	268.4	273.5	277.3	284.9	289.9	296.3	303.9
67.5°	230.4	230.4	231.7	235.5	234.2	238.0	244.3	248.1	251.9	259.5	265.9
70°	195.0	196.2	197.5	201.3	200.0	205.1	208.9	211.4	216.5	221.6	226.6
72.5°	164.6	164.6	168.4	168.4	167.1	170.9	174.7	177.2	179.8	186.1	192.4
75°	135.5	134.2	136.7	136.7	135.5	136.7	139.3	143.1	145.6	150.7	155.7
77.5°	106.3	105.1	107.6	107.6	107.6	106.3	110.1	111.4	112.7	115.2	120.3
80°	78.5	77.2	79.8	79.8	77.2	78.5	81.0	82.3	82.3	84.8	88.6
82.5°	54.4	53.2	54.4	54.4	54.4	54.4	55.7	54.4	55.7	55.7	59.5
85°	32.9	31.7	32.9	31.7	31.7	30.4	32.9	31.7	31.7	32.9	32.9
87.5°	11.4	11.4	12.7	12.7	11.4	12.7	11.4	11.4	11.4	12.7	11.4
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: P571901

CATALOG NUMBER: 22ID-25-L835-SWR

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7
2.5°	921.7	921.7	921.7	921.7	921.7	921.7	923.0	923.0	921.7	923.0	921.7
5°	919.2	919.2	920.4	920.4	920.4	920.4	920.4	921.7	921.7	921.7	920.4
7.5°	915.4	915.4	915.4	915.4	916.6	917.9	917.9	917.9	919.2	917.9	917.9
10°	909.0	911.6	911.6	912.8	912.8	914.1	915.4	915.4	915.4	915.4	915.4
12.5°	902.7	904.0	905.2	906.5	907.8	907.8	910.3	910.3	910.3	910.3	909.0
15°	892.6	895.1	896.4	897.6	900.2	900.2	902.7	901.4	904.0	902.7	901.4
17.5°	881.2	883.7	886.2	886.2	890.0	891.3	893.8	895.1	895.1	893.8	891.3
20°	867.2	871.0	872.3	874.8	877.4	879.9	881.2	882.4	883.7	882.4	881.2
22.5°	850.8	855.9	857.1	859.6	863.4	866.0	867.2	868.5	869.8	869.8	867.2
25°	833.1	839.4	839.4	843.2	847.0	850.8	853.3	853.3	855.9	853.3	853.3
27.5°	811.5	819.1	822.9	824.2	829.3	833.1	835.6	838.1	838.1	835.6	835.6
30°	790.0	797.6	801.4	802.7	809.0	812.8	815.3	817.9	817.9	817.9	815.3
32.5°	766.0	774.8	778.6	779.9	787.5	791.3	795.1	797.6	797.6	796.3	792.5
35°	740.6	747.0	753.3	755.8	762.2	766.0	772.3	774.8	773.6	773.6	769.8
37.5°	711.5	721.6	725.4	728.0	735.6	740.6	747.0	749.5	749.5	748.2	745.7
40°	681.1	692.5	696.3	700.1	707.7	714.1	717.9	721.6	721.6	721.6	719.1
42.5°	650.8	659.6	664.7	668.5	677.3	681.1	687.5	692.5	692.5	691.3	687.5
45°	616.6	626.7	631.8	635.6	644.4	652.0	655.8	660.9	659.6	659.6	654.5
47.5°	582.4	592.5	597.6	601.4	610.2	619.1	621.6	626.7	626.7	626.7	621.6
50°	546.9	557.1	560.9	564.7	574.8	579.9	586.2	591.2	591.2	592.5	587.4
52.5°	510.2	517.8	524.1	526.7	536.8	543.1	548.2	554.5	554.5	552.0	552.0
55°	471.0	479.8	486.2	488.7	496.3	506.4	510.2	515.3	515.3	515.3	512.8
57.5°	431.7	441.9	446.9	449.4	458.3	465.9	471.0	476.0	477.3	477.3	472.2
60°	391.2	401.3	406.4	408.9	419.1	425.4	430.5	435.5	436.8	438.1	433.0
62.5°	353.2	362.1	367.2	369.7	377.3	382.3	388.7	395.0	396.3	396.3	393.7
65°	311.4	320.3	324.1	326.6	333.0	341.8	349.4	354.5	355.8	354.5	354.5
67.5°	272.2	279.8	284.9	286.1	292.5	301.3	305.1	310.2	311.4	311.4	310.2
70°	233.0	241.8	245.6	248.1	253.2	260.8	264.6	269.7	270.9	272.2	269.7
72.5°	196.2	202.6	206.4	208.9	215.2	221.6	224.1	229.2	231.7	231.7	229.2
75°	159.5	165.9	168.4	170.9	176.0	182.3	184.8	189.9	192.4	191.2	191.2
77.5°	124.1	129.1	131.7	132.9	136.7	144.3	145.6	150.7	150.7	151.9	151.9
80°	91.2	95.0	97.5	98.8	101.3	106.3	108.9	112.7	115.2	113.9	113.9
82.5°	60.8	63.3	65.8	68.4	68.4	73.4	73.4	77.2	77.2	79.8	78.5
85°	34.2	35.4	36.7	38.0	38.0	41.8	41.8	44.3	46.8	44.3	44.3
87.5°	11.4	12.7	12.7	13.9	12.7	15.2	13.9	16.5	17.7	17.7	16.5
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: P571901

CATALOG NUMBER: 22ID-25-L835-SWR

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7
2.5°	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7
5°	920.4	920.4	919.2	920.4	920.4	920.4	920.4	919.2	919.2	919.2	919.2
7.5°	917.9	916.6	916.6	916.6	915.4	915.4	915.4	915.4	914.1	914.1	914.1
10°	914.1	912.8	912.8	912.8	911.6	911.6	910.3	909.0	909.0	907.8	906.5
12.5°	909.0	907.8	906.5	906.5	905.2	904.0	902.7	901.4	900.2	897.6	897.6
15°	900.2	900.2	898.9	897.6	895.1	895.1	892.6	891.3	888.8	886.2	886.2
17.5°	891.3	890.0	888.8	886.2	883.7	882.4	879.9	877.4	874.8	872.3	871.0
20°	879.9	876.1	877.4	873.6	871.0	868.5	864.7	862.2	858.4	855.9	853.3
22.5°	864.7	863.4	862.2	858.4	854.6	853.3	847.0	843.2	839.4	835.6	833.1
25°	848.3	847.0	845.7	841.9	836.9	834.3	828.0	824.2	817.9	815.3	812.8
27.5°	829.3	829.3	826.7	821.7	817.9	811.5	807.7	800.1	795.1	791.3	788.7
30°	809.0	809.0	806.5	800.1	795.1	788.7	785.0	777.4	771.0	767.2	762.2
32.5°	788.7	787.5	785.0	778.6	772.3	766.0	758.4	752.0	744.4	740.6	735.6
35°	764.7	763.4	760.9	753.3	748.2	740.6	731.8	724.2	716.6	712.8	705.2
37.5°	739.4	736.8	734.3	725.4	719.1	711.5	705.2	695.1	687.5	682.4	678.6
40°	711.5	710.3	706.5	698.9	690.0	682.4	673.5	665.9	658.3	652.0	647.0
42.5°	683.7	678.6	676.1	668.5	662.1	650.8	644.4	634.3	626.7	621.6	614.0
45°	652.0	648.2	644.4	636.8	628.0	619.1	612.8	601.4	593.8	587.4	581.1
47.5°	616.6	615.3	611.5	602.6	595.0	586.2	578.6	567.2	559.6	554.5	548.2
50°	581.1	579.9	577.3	568.5	558.3	550.7	544.4	533.0	525.4	517.8	514.0
52.5°	548.2	543.1	540.6	533.0	522.9	514.0	509.0	497.6	490.0	482.4	477.3
55°	510.2	506.4	503.9	497.6	488.7	477.3	472.2	462.1	455.8	450.7	443.1
57.5°	472.2	467.2	464.6	457.0	450.7	441.9	435.5	425.4	419.1	414.0	408.9
60°	429.2	429.2	426.7	419.1	412.7	403.9	398.8	388.7	382.3	378.5	372.2
62.5°	393.7	388.7	387.4	378.5	374.8	365.9	362.1	353.2	349.4	343.1	336.8
65°	349.4	349.4	348.2	343.1	338.0	326.6	321.6	314.0	310.2	305.1	300.1
67.5°	310.2	306.4	306.4	301.3	295.0	288.7	284.9	277.3	274.7	268.4	264.6
70°	270.9	267.1	267.1	260.8	257.0	250.7	248.1	241.8	236.8	234.2	230.4
72.5°	231.7	229.2	227.9	222.8	220.3	214.0	212.7	206.4	201.3	200.0	196.2
75°	192.4	189.9	186.1	187.4	182.3	177.2	176.0	172.2	169.7	165.9	162.1
77.5°	153.2	150.7	150.7	148.1	145.6	141.8	140.5	138.0	134.2	131.7	129.1
80°	116.5	113.9	113.9	112.7	108.9	106.3	106.3	102.6	102.6	100.0	98.8
82.5°	79.8	78.5	77.2	78.5	76.0	73.4	74.7	73.4	72.2	69.6	68.4
85°	46.8	45.6	44.3	46.8	44.3	45.6	44.3	43.0	43.0	41.8	40.5
87.5°	17.7	17.7	16.5	17.7	17.7	19.0	17.7	17.7	17.7	17.7	17.7
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: P571901

CATALOG NUMBER: 22ID-25-L835-SWR

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7
2.5°	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7
5°	919.2	919.2	919.2	919.2	919.2	919.2	919.2	919.2	919.2	917.9	919.2
7.5°	914.1	912.8	914.1	912.8	912.8	912.8	912.8	912.8	912.8	912.8	912.8
10°	906.5	906.5	906.5	906.5	906.5	906.5	906.5	906.5	906.5	905.2	905.2
12.5°	897.6	897.6	896.4	896.4	896.4	895.1	895.1	896.4	896.4	895.1	896.4
15°	885.0	886.2	883.7	882.4	882.4	882.4	882.4	882.4	882.4	882.4	883.7
17.5°	871.0	869.8	868.5	868.5	867.2	866.0	866.0	867.2	867.2	868.5	868.5
20°	853.3	853.3	850.8	849.5	848.3	847.0	847.0	848.3	848.3	848.3	850.8
22.5°	833.1	831.8	829.3	828.0	828.0	825.5	826.7	828.0	828.0	828.0	829.3
25°	810.3	809.0	807.7	806.5	803.9	802.7	802.7	805.2	805.2	807.7	809.0
27.5°	786.2	785.0	782.4	779.9	778.6	777.4	777.4	779.9	779.9	782.4	783.7
30°	760.9	759.6	755.8	754.6	750.8	749.5	750.8	753.3	754.6	755.8	757.1
32.5°	734.3	731.8	728.0	726.7	722.9	724.2	721.6	725.4	726.7	728.0	729.2
35°	705.2	702.7	698.9	695.1	693.8	692.5	692.5	695.1	695.1	698.9	700.1
37.5°	673.5	672.3	668.5	665.9	663.4	663.4	660.9	664.7	665.9	668.5	668.5
40°	644.4	643.2	636.8	634.3	631.8	633.0	629.2	633.0	634.3	636.8	638.1
42.5°	610.2	609.0	603.9	601.4	598.8	600.1	596.3	600.1	598.8	602.6	603.9
45°	577.3	576.1	572.3	567.2	564.7	565.9	565.9	565.9	564.7	568.5	569.7
47.5°	544.4	541.9	538.1	533.0	530.5	531.7	531.7	531.7	530.5	535.5	535.5
50°	510.2	507.7	503.9	498.8	497.6	497.6	497.6	497.6	497.6	500.1	501.4
52.5°	474.8	473.5	469.7	464.6	462.1	462.1	462.1	459.6	462.1	463.4	464.6
55°	439.3	438.1	431.7	429.2	426.7	427.9	426.7	425.4	425.4	427.9	429.2
57.5°	403.9	402.6	398.8	397.5	391.2	392.5	391.2	391.2	392.5	392.5	393.7
60°	368.4	367.2	363.4	362.1	357.0	358.3	353.2	355.8	357.0	357.0	357.0
62.5°	330.4	330.4	324.1	321.6	319.0	320.3	316.5	316.5	316.5	319.0	319.0
65°	296.3	295.0	289.9	287.4	284.9	284.9	282.3	282.3	281.1	283.6	283.6
67.5°	260.8	260.8	255.7	253.2	250.7	251.9	248.1	248.1	249.4	249.4	249.4
70°	226.6	226.6	222.8	221.6	217.8	217.8	214.0	215.2	215.2	215.2	215.2
72.5°	193.7	193.7	189.9	188.6	184.8	184.8	181.0	182.3	182.3	181.0	181.0
75°	160.8	162.1	155.7	154.5	151.9	153.2	150.7	149.4	150.7	148.1	148.1
77.5°	127.9	127.9	126.6	125.3	121.5	121.5	120.3	117.7	119.0	116.5	116.5
80°	96.2	97.5	93.7	95.0	91.2	92.4	91.2	88.6	88.6	87.4	86.1
82.5°	67.1	67.1	65.8	67.1	65.8	64.6	63.3	62.0	62.0	59.5	59.5
85°	40.5	41.8	39.2	40.5	40.5	39.2	36.7	36.7	36.7	35.4	35.4
87.5°	16.5	19.0	17.7	17.7	17.7	17.7	16.5	17.7	16.5	15.2	15.2
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: P571901

CATALOG NUMBER: 22ID-25-L835-SWR

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7	921.7
2.5°	920.4	921.7	921.7	921.7	921.7	920.4	920.4	920.4	920.4	920.4	921.7
5°	917.9	919.2	919.2	919.2	919.2	919.2	919.2	919.2	919.2	919.2	919.2
7.5°	912.8	912.8	914.1	914.1	914.1	914.1	915.4	914.1	915.4	914.1	915.4
10°	905.2	906.5	907.8	907.8	909.0	907.8	909.0	909.0	910.3	910.3	910.3
12.5°	896.4	897.6	897.6	900.2	900.2	900.2	901.4	901.4	902.7	904.0	904.0
15°	883.7	885.0	886.2	886.2	888.8	891.3	891.3	892.6	893.8	895.1	895.1
17.5°	868.5	869.8	871.0	873.6	876.1	878.6	879.9	879.9	882.4	883.7	883.7
20°	850.8	853.3	855.9	858.4	859.6	863.4	864.7	866.0	868.5	871.0	871.0
22.5°	831.8	833.1	836.9	839.4	841.9	845.7	847.0	850.8	853.3	854.6	855.9
25°	809.0	811.5	815.3	817.9	820.4	825.5	829.3	831.8	835.6	838.1	838.1
27.5°	783.7	787.5	791.3	793.8	797.6	803.9	807.7	810.3	815.3	817.9	819.1
30°	758.4	760.9	766.0	769.8	773.6	779.9	785.0	788.7	793.8	796.3	797.6
32.5°	730.5	734.3	739.4	743.2	748.2	754.6	759.6	763.4	771.0	772.3	773.6
35°	701.4	705.2	709.0	715.3	720.4	726.7	733.0	738.1	741.9	747.0	748.2
37.5°	671.0	674.8	679.9	684.9	690.0	697.6	703.9	707.7	714.1	717.9	720.4
40°	639.4	643.2	649.5	655.8	659.6	667.2	673.5	678.6	687.5	690.0	690.0
42.5°	605.2	610.2	614.0	621.6	625.4	634.3	640.6	648.2	653.3	657.1	658.3
45°	572.3	576.1	583.6	588.7	592.5	601.4	607.7	614.0	620.4	622.9	625.4
47.5°	536.8	541.9	548.2	550.7	557.1	565.9	572.3	578.6	586.2	588.7	590.0
50°	502.6	506.4	510.2	515.3	520.3	529.2	536.8	543.1	549.5	552.0	553.3
52.5°	467.2	471.0	474.8	481.1	483.6	492.5	496.3	502.6	511.5	514.0	515.3
55°	430.5	435.5	440.6	444.4	446.9	454.5	459.6	467.2	472.2	474.8	477.3
57.5°	393.7	397.5	402.6	407.7	408.9	416.5	422.9	426.7	433.0	435.5	438.1
60°	358.3	362.1	365.9	367.2	371.0	378.5	384.9	387.4	393.7	396.3	397.5
62.5°	320.3	321.6	326.6	330.4	330.4	340.6	344.4	349.4	354.5	355.8	358.3
65°	284.9	287.4	287.4	289.9	293.7	300.1	302.6	308.9	312.7	314.0	315.2
67.5°	249.4	251.9	254.5	257.0	257.0	263.3	264.6	269.7	273.5	274.7	276.0
70°	215.2	215.2	219.0	221.6	220.3	225.4	227.9	230.4	235.5	236.8	238.0
72.5°	182.3	181.0	183.6	186.1	188.6	189.9	192.4	193.7	197.5	200.0	201.3
75°	149.4	150.7	150.7	151.9	150.7	151.9	155.7	159.5	162.1	163.3	165.9
77.5°	116.5	117.7	117.7	119.0	120.3	120.3	121.5	126.6	129.1	130.4	129.1
80°	86.1	87.4	87.4	88.6	89.9	91.2	91.2	93.7	97.5	98.8	98.8
82.5°	60.8	60.8	60.8	60.8	62.0	62.0	63.3	65.8	68.4	68.4	70.9
85°	36.7	36.7	35.4	36.7	35.4	36.7	38.0	40.5	41.8	41.8	43.0
87.5°	16.5	15.2	16.5	16.5	15.2	15.2	15.2	16.5	16.5	17.7	17.7
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: P571901

CATALOG NUMBER: 22ID-25-L835-SWR

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	921.7	921.7	921.7	921.7
2.5°	921.7	921.7	921.7	921.7
5°	919.2	919.2	919.2	919.2
7.5°	915.4	915.4	915.4	915.4
10°	910.3	911.6	911.6	911.6
12.5°	904.0	904.0	905.2	905.2
15°	896.4	896.4	896.4	897.6
17.5°	885.0	886.2	886.2	886.2
20°	872.3	873.6	873.6	872.3
22.5°	855.9	857.1	858.4	858.4
25°	839.4	841.9	843.2	843.2
27.5°	820.4	822.9	824.2	824.2
30°	800.1	802.7	802.7	802.7
32.5°	776.1	779.9	781.2	781.2
35°	750.8	755.8	757.1	757.1
37.5°	724.2	726.7	730.5	730.5
40°	695.1	697.6	701.4	701.4
42.5°	663.4	668.5	668.5	671.0
45°	629.2	634.3	635.6	638.1
47.5°	595.0	600.1	601.4	602.6
50°	558.3	562.1	565.9	565.9
52.5°	521.6	524.1	526.7	529.2
55°	482.4	486.2	487.4	490.0
57.5°	441.9	446.9	448.2	450.7
60°	402.6	406.4	408.9	410.2
62.5°	363.4	365.9	367.2	369.7
65°	320.3	324.1	324.1	326.6
67.5°	281.1	283.6	284.9	286.1
70°	239.3	244.3	245.6	248.1
72.5°	202.6	207.6	207.6	210.2
75°	169.7	170.9	170.9	173.4
77.5°	134.2	135.5	136.7	138.0
80°	101.3	102.6	102.6	105.1
82.5°	72.2	72.2	72.2	73.4
85°	44.3	43.0	41.8	43.0
87.5°	17.7	17.7	19.0	16.5
90°	0.0	0.0	0.0	0.0

TEST NUMBER: P571901

CATALOG NUMBER: 22ID-25-L835-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	15.07	16.70	15.43	17.01	17.33	13.95	15.58	14.32	15.89	16.21
	3H	16.82	18.29	17.20	18.62	18.98	15.57	17.04	15.95	17.37	17.73
	4H	17.48	18.86	17.88	19.21	19.59	16.16	17.55	16.56	17.90	18.27
	6H	17.97	19.25	18.38	19.62	20.01	16.60	17.88	17.01	18.24	18.64
	8H	18.13	19.35	18.55	19.74	20.14	16.73	17.95	17.15	18.34	18.74
	12H	18.23	19.40	18.66	19.78	20.21	16.81	17.98	17.24	18.37	18.79
4H	2H	15.55	16.94	15.95	17.29	17.66	14.65	16.04	15.05	16.38	16.76
	3H	17.53	18.69	17.94	19.09	19.49	16.48	17.64	16.89	18.03	18.43
	4H	18.33	19.37	18.76	19.79	20.22	17.18	18.23	17.62	18.65	19.08
	6H	18.96	19.87	19.41	20.31	20.77	17.73	18.64	18.18	19.09	19.54
	8H	19.17	20.03	19.63	20.47	20.93	17.90	18.76	18.36	19.20	19.66
	12H	19.31	20.08	19.79	20.56	21.03	18.02	18.79	18.50	19.26	19.73
8H	4H	18.56	19.42	19.02	19.86	20.32	17.53	18.39	17.99	18.83	19.30
	6H	19.30	20.02	19.80	20.50	20.98	18.18	18.90	18.68	19.38	19.86
	8H	19.59	20.23	20.10	20.74	21.22	18.42	19.06	18.93	19.56	20.05
	12H	19.81	20.38	20.32	20.87	21.43	18.60	19.16	19.10	19.65	20.21
12H	4H	18.58	19.35	19.06	19.82	20.29	17.58	18.35	18.06	18.82	19.29
	6H	19.34	19.98	19.85	20.48	20.97	18.25	18.89	18.76	19.40	19.88
	8H	19.68	20.24	20.18	20.73	21.29	18.54	19.10	19.04	19.59	20.15

END OF REPORT