

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: P571897

Luminaire Tested: 22ID-25-L830-SWR

Issue Date: 10/5/2021

Test Information

Test Method: LM-79-2019
Report Number: P571897
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-L830-SWR
Description: 2500 LUMEN, 2X2 INDEPTH TROFFER WITH 2IN REGRESSED SWEEP LENS AND 3000K, 80 CRI LEDS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2509.0 lumens
Efficiency: N/A
Efficacy: 121.8 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

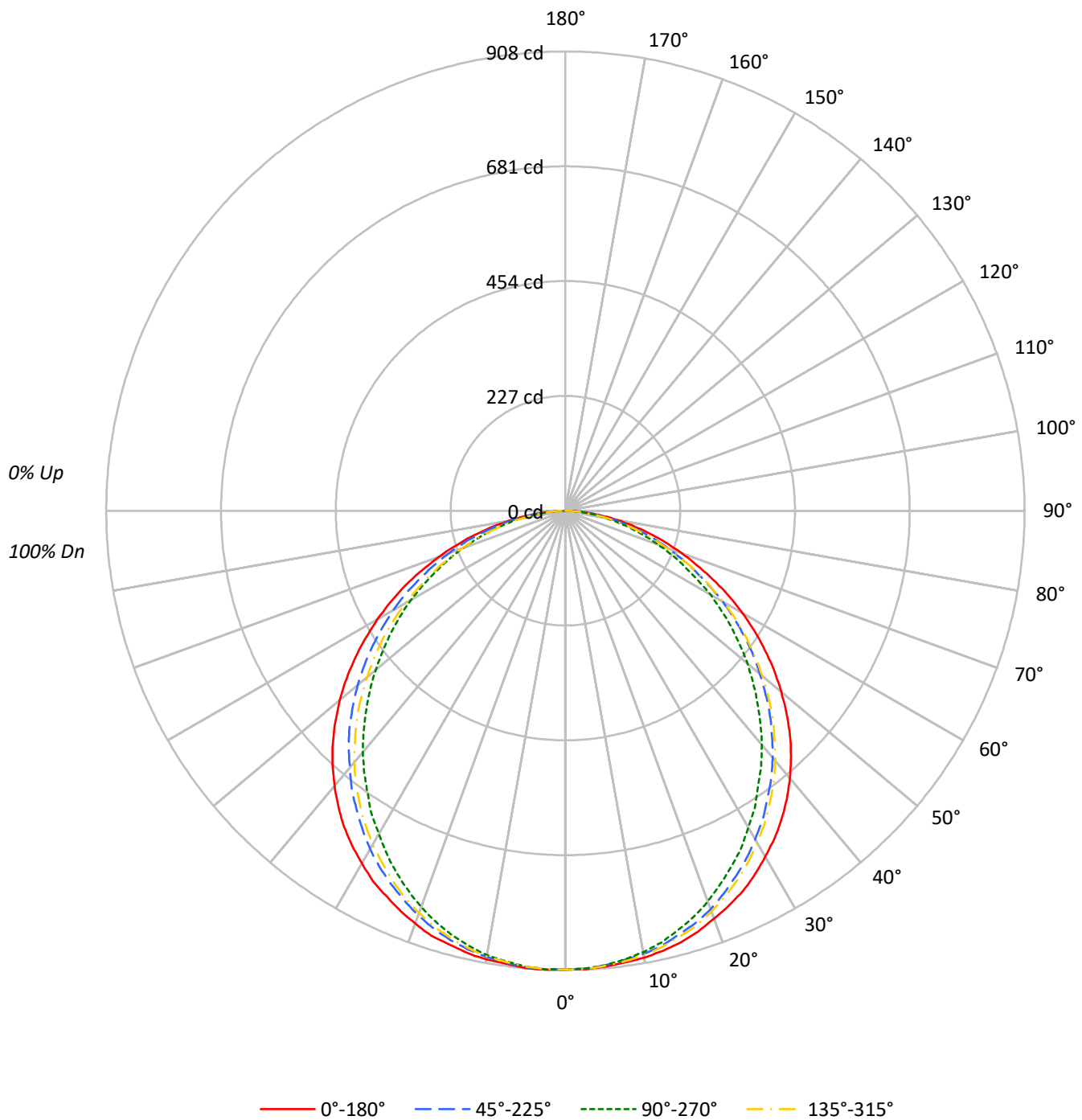
Input Watts (W): 20.6
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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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				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°	2441	2441	2441	2441
5°	2444	2437	2451	2444
10°	2452	2421	2462	2438
15°	2461	2392	2472	2420
20°	2459	2355	2487	2387
25°	2464	2305	2494	2346
30°	2455	2246	2501	2292
35°	2448	2182	2506	2239
40°	2425	2123	2495	2189
45°	2390	2044	2476	2120
50°	2332	1967	2436	2051
55°	2263	1877	2380	1976
60°	2173	1777	2307	1898
65°	2047	1650	2222	1785
70°	1922	1530	2088	1686
75°	1775	1386	1943	1568
80°	1602	1216	1719	1410
85°	1309	1000	1346	1192

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 180°

Vertical Angle: 45°

Luminance: 2476 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.9	3.4
10°-20°	246.6	9.8
20°-30°	372.2	14.8
30°-40°	444.4	17.7
40°-50°	453.4	18.1
50°-60°	399.9	15.9
60°-70°	295.5	11.8
70°-80°	166.6	6.6
80°-90°	44.6	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°	704.7	28.1
0°-40°	1149.0	45.8
0°-60°	2002.3	79.8
0°-90°	2509.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2509.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	907	907	907	907	907	
5°	905	902	907	905	905	86
15°	884	859	887	869	884	249
25°	830	776	840	790	830	382
35°	745	664	763	682	745	466
45°	628	537	650	557	628	484
55°	482	400	507	421	482	431
65°	322	259	349	280	322	319
75°	171	133	187	151	171	181
85°	42	32	44	39	42	50
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	907.2	907.2	907.2	907.2	907.2	907.2	907.2	907.2	907.2	907.2	907.2
2.5°	907.2	907.2	907.2	907.2	906.0	904.7	904.7	906.0	906.0	904.7	906.0
5°	904.7	904.7	904.7	903.5	902.2	902.2	902.2	902.2	901.0	902.2	902.2
7.5°	901.0	901.0	901.0	899.7	898.5	898.5	898.5	897.3	896.0	897.3	896.0
10°	897.3	896.0	896.0	896.0	893.5	892.3	892.3	892.3	891.0	891.0	889.8
12.5°	891.0	889.8	889.8	888.5	887.3	886.0	884.8	883.5	882.3	881.1	881.1
15°	883.5	883.5	881.1	879.8	877.3	876.1	874.8	873.6	871.1	869.8	867.3
17.5°	872.3	872.3	869.8	868.6	866.1	863.6	863.6	861.1	858.6	856.1	854.9
20°	858.6	859.9	858.6	856.1	852.4	851.1	849.9	847.4	843.7	841.2	838.7
22.5°	844.9	846.2	843.7	839.9	837.4	836.2	833.7	830.0	826.2	822.5	818.7
25°	830.0	828.7	826.2	823.7	820.0	818.7	816.3	812.5	806.3	802.5	797.6
27.5°	811.3	811.3	807.5	805.0	798.8	798.8	795.1	790.1	785.1	778.9	775.1
30°	790.1	790.1	787.6	783.8	777.6	776.4	772.6	768.9	761.4	755.2	750.2
32.5°	768.9	767.6	765.2	761.4	755.2	752.7	749.0	744.0	737.7	729.0	725.3
35°	745.2	744.0	740.2	735.2	730.3	727.8	724.0	717.8	711.6	702.8	696.6
37.5°	719.0	717.8	714.1	709.1	702.8	700.4	696.6	690.4	681.7	675.4	668.0
40°	690.4	689.1	686.6	681.7	675.4	672.9	668.0	661.7	651.8	644.3	638.0
42.5°	660.5	659.2	655.5	649.3	644.3	641.8	636.8	630.6	621.8	613.1	604.4
45°	628.1	626.8	623.1	615.6	611.9	608.1	603.2	596.9	589.4	582.0	572.0
47.5°	593.2	591.9	589.4	583.2	575.7	574.5	569.5	563.3	554.6	544.6	537.1
50°	557.0	557.0	553.3	548.3	543.3	539.6	534.6	528.4	517.2	510.9	502.2
52.5°	520.9	519.7	517.2	510.9	507.2	503.5	497.2	493.5	482.3	477.3	467.3
55°	482.3	481.0	476.0	472.3	469.8	466.1	461.1	453.6	447.4	439.9	431.2
57.5°	443.6	442.4	438.7	436.2	431.2	427.4	422.5	417.5	408.7	403.8	395.0
60°	403.8	403.8	401.3	397.5	392.5	388.8	385.1	380.1	372.6	365.1	358.9
62.5°	363.9	363.9	360.1	356.4	353.9	350.2	347.7	341.5	335.2	330.2	320.3
65°	321.5	321.5	316.5	315.3	312.8	310.3	306.6	300.3	296.6	287.9	284.1
67.5°	281.6	282.9	279.1	279.1	275.4	272.9	269.2	264.2	260.5	253.0	249.2
70°	244.3	245.5	243.0	241.8	238.0	235.5	233.0	229.3	224.3	221.8	215.6
72.5°	206.9	208.1	205.6	205.6	201.9	200.6	198.1	195.7	190.7	188.2	181.9
75°	170.7	169.5	169.5	170.7	167.0	165.7	164.5	159.5	157.0	154.5	149.5
77.5°	135.8	135.8	137.1	135.8	133.3	132.1	129.6	125.9	124.6	123.4	118.4
80°	103.4	104.7	104.7	103.4	100.9	99.7	98.4	94.7	93.5	93.5	89.7
82.5°	72.3	72.3	71.0	72.3	69.8	68.5	69.8	66.0	64.8	64.8	62.3
85°	42.4	41.1	41.1	42.4	41.1	41.1	41.1	38.6	38.6	38.6	36.1
87.5°	16.2	16.2	17.4	17.4	16.2	16.2	16.2	16.2	15.0	15.0	13.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	907.2	907.2	907.2	907.2	907.2	907.2	907.2	907.2	907.2	907.2	907.2
2.5°	904.7	904.7	904.7	904.7	906.0	904.7	906.0	906.0	907.2	906.0	907.2
5°	902.2	902.2	901.0	901.0	901.0	901.0	901.0	901.0	901.0	902.2	902.2
7.5°	896.0	896.0	894.8	894.8	894.8	894.8	893.5	893.5	894.8	894.8	894.8
10°	888.5	887.3	886.0	886.0	886.0	886.0	884.8	886.0	886.0	886.0	886.0
12.5°	877.3	877.3	876.1	874.8	874.8	874.8	873.6	874.8	874.8	874.8	874.8
15°	866.1	864.9	863.6	861.1	861.1	859.9	858.6	859.9	858.6	858.6	859.9
17.5°	849.9	849.9	847.4	846.2	844.9	843.7	842.4	842.4	842.4	842.4	844.9
20°	833.7	832.5	830.0	825.0	826.2	825.0	822.5	823.7	823.7	822.5	822.5
22.5°	816.3	811.3	808.8	803.8	805.0	802.5	801.3	802.5	801.3	800.0	802.5
25°	792.6	790.1	783.8	783.8	781.4	780.1	780.1	778.9	777.6	776.4	778.9
27.5°	771.4	766.4	762.7	757.7	755.2	755.2	753.9	752.7	750.2	752.7	752.7
30°	745.2	740.2	734.0	731.5	729.0	729.0	726.5	725.3	722.8	722.8	726.5
32.5°	720.3	712.8	706.6	702.8	701.6	700.4	699.1	694.1	695.4	696.6	697.9
35°	690.4	684.2	679.2	675.4	671.7	670.4	669.2	665.5	665.5	664.2	668.0
37.5°	661.7	654.2	650.5	644.3	641.8	639.3	638.0	635.6	634.3	635.6	636.8
40°	630.6	624.3	618.1	611.9	609.4	608.1	604.4	604.4	601.9	604.4	604.4
42.5°	598.2	591.9	584.5	579.5	577.0	574.5	572.0	570.8	570.8	570.8	572.0
45°	565.8	558.3	550.8	545.8	543.3	542.1	538.4	537.1	534.6	537.1	538.4
47.5°	530.9	524.6	517.2	513.4	509.7	508.4	504.7	502.2	501.0	503.5	503.5
50°	496.0	489.8	483.5	478.5	474.8	473.5	469.8	469.8	467.3	469.8	469.8
52.5°	461.1	454.9	448.6	442.4	439.9	438.7	434.9	434.9	434.9	434.9	434.9
55°	426.2	417.5	413.7	407.5	405.0	403.8	402.5	398.8	400.0	400.0	400.0
57.5°	390.1	383.8	376.3	373.9	370.1	368.9	368.9	363.9	362.6	365.1	365.1
60°	353.9	348.9	341.5	337.7	335.2	335.2	331.5	326.5	325.3	330.2	330.2
62.5°	316.5	309.1	305.3	301.6	299.1	297.8	296.6	292.9	294.1	292.9	292.9
65°	281.6	274.2	271.7	267.9	265.4	264.2	262.9	260.5	258.0	259.2	259.2
67.5°	246.7	240.5	236.8	234.3	231.8	231.8	229.3	226.8	228.1	226.8	226.8
70°	213.1	208.1	203.1	201.9	199.4	199.4	198.1	196.9	195.7	194.4	194.4
72.5°	180.7	175.7	172.0	169.5	168.2	168.2	167.0	163.3	164.5	163.3	163.3
75°	147.0	143.3	142.1	139.6	138.3	138.3	137.1	134.6	135.8	133.3	130.8
77.5°	117.1	113.4	112.2	110.9	112.2	110.9	107.2	108.4	107.2	104.7	104.7
80°	89.7	86.0	86.0	83.5	82.2	82.2	81.0	81.0	79.8	78.5	78.5
82.5°	61.1	59.8	58.6	57.3	56.1	58.6	56.1	54.8	54.8	54.8	53.6
85°	34.9	34.9	33.6	33.6	32.4	33.6	32.4	31.2	32.4	32.4	29.9
87.5°	13.7	15.0	12.5	12.5	12.5	12.5	11.2	12.5	12.5	12.5	11.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	907.2	907.2	907.2	907.2	907.2	907.2	907.2	907.2	907.2	907.2	907.2
2.5°	907.2	906.0	906.0	906.0	906.0	904.7	906.0	906.0	907.2	906.0	906.0
5°	902.2	901.0	902.2	901.0	901.0	902.2	902.2	903.5	903.5	904.7	904.7
7.5°	894.8	894.8	894.8	894.8	894.8	896.0	896.0	897.3	898.5	898.5	899.7
10°	886.0	886.0	887.3	886.0	887.3	888.5	889.8	891.0	892.3	893.5	893.5
12.5°	874.8	874.8	874.8	877.3	877.3	878.6	879.8	882.3	883.5	886.0	886.0
15°	859.9	859.9	862.4	862.4	863.6	866.1	868.6	869.8	872.3	874.8	876.1
17.5°	843.7	843.7	846.2	846.2	847.4	851.1	853.6	854.9	859.9	862.4	864.9
20°	825.0	825.0	828.7	827.5	830.0	833.7	836.2	839.9	843.7	847.4	849.9
22.5°	802.5	803.8	807.5	807.5	808.8	813.8	817.5	821.2	825.0	830.0	833.7
25°	778.9	780.1	783.8	785.1	786.3	791.3	796.3	798.8	805.0	811.3	813.8
27.5°	752.7	755.2	757.7	758.9	761.4	767.6	772.6	777.6	782.6	788.8	793.8
30°	726.5	729.0	731.5	732.8	735.2	741.5	746.5	752.7	758.9	765.2	770.1
32.5°	696.6	700.4	702.8	705.3	706.6	714.1	720.3	726.5	732.8	740.2	746.5
35°	668.0	671.7	674.2	675.4	677.9	685.4	690.4	696.6	705.3	712.8	719.0
37.5°	636.8	639.3	644.3	644.3	646.8	655.5	661.7	668.0	676.7	684.2	691.6
40°	605.6	606.9	611.9	613.1	615.6	624.3	630.6	639.3	645.5	654.2	661.7
42.5°	572.0	575.7	580.7	583.2	585.7	590.7	595.7	605.6	611.9	621.8	629.3
45°	538.4	542.1	544.6	545.8	552.1	557.0	562.0	572.0	579.5	588.2	596.9
47.5°	504.7	507.2	510.9	515.9	518.4	523.4	527.1	537.1	544.6	554.6	562.0
50°	469.8	473.5	476.0	477.3	482.3	488.5	493.5	502.2	508.4	518.4	527.1
52.5°	434.9	439.9	439.9	444.9	447.4	449.9	457.3	466.1	472.3	481.0	489.8
55°	401.3	403.8	407.5	408.7	412.5	415.0	420.0	428.7	436.2	444.9	453.6
57.5°	363.9	366.4	368.9	373.9	376.3	381.3	386.3	392.5	398.8	407.5	413.7
60°	327.7	331.5	334.0	337.7	337.7	343.9	350.2	356.4	361.4	370.1	376.3
62.5°	295.3	295.3	295.3	300.3	299.1	304.1	309.1	316.5	321.5	332.7	340.2
65°	260.5	261.7	261.7	265.4	264.2	269.2	272.9	280.4	285.4	291.6	299.1
67.5°	226.8	226.8	228.1	231.8	230.5	234.3	240.5	244.3	248.0	255.5	261.7
70°	191.9	193.2	194.4	198.1	196.9	201.9	205.6	208.1	213.1	218.1	223.1
72.5°	162.0	162.0	165.7	165.7	164.5	168.2	172.0	174.5	177.0	183.2	189.4
75°	133.3	132.1	134.6	134.6	133.3	134.6	137.1	140.8	143.3	148.3	153.3
77.5°	104.7	103.4	105.9	105.9	105.9	104.7	108.4	109.7	110.9	113.4	118.4
80°	77.3	76.0	78.5	78.5	76.0	77.3	79.8	81.0	81.0	83.5	87.2
82.5°	53.6	52.3	53.6	53.6	53.6	53.6	54.8	53.6	54.8	54.8	58.6
85°	32.4	31.2	32.4	31.2	31.2	29.9	32.4	31.2	31.2	32.4	32.4
87.5°	11.2	11.2	12.5	12.5	11.2	12.5	11.2	11.2	11.2	12.5	11.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	907.2	907.2	907.2	907.2	907.2	907.2	907.2	907.2	907.2	907.2	907.2
2.5°	907.2	907.2	907.2	907.2	907.2	907.2	908.5	908.5	907.2	908.5	907.2
5°	904.7	904.7	906.0	906.0	906.0	906.0	906.0	907.2	907.2	907.2	906.0
7.5°	901.0	901.0	901.0	901.0	902.2	903.5	903.5	903.5	904.7	903.5	903.5
10°	894.8	897.3	897.3	898.5	898.5	899.7	901.0	901.0	901.0	901.0	901.0
12.5°	888.5	889.8	891.0	892.3	893.5	893.5	896.0	896.0	896.0	896.0	894.8
15°	878.6	881.1	882.3	883.5	886.0	886.0	888.5	887.3	889.8	888.5	887.3
17.5°	867.3	869.8	872.3	872.3	876.1	877.3	879.8	881.1	881.1	879.8	877.3
20°	853.6	857.4	858.6	861.1	863.6	866.1	867.3	868.6	869.8	868.6	867.3
22.5°	837.4	842.4	843.7	846.2	849.9	852.4	853.6	854.9	856.1	856.1	853.6
25°	820.0	826.2	826.2	830.0	833.7	837.4	839.9	839.9	842.4	839.9	839.9
27.5°	798.8	806.3	810.0	811.3	816.3	820.0	822.5	825.0	825.0	822.5	822.5
30°	777.6	785.1	788.8	790.1	796.3	800.0	802.5	805.0	805.0	805.0	802.5
32.5°	753.9	762.7	766.4	767.6	775.1	778.9	782.6	785.1	785.1	783.8	780.1
35°	729.0	735.2	741.5	744.0	750.2	753.9	760.2	762.7	761.4	761.4	757.7
37.5°	700.4	710.3	714.1	716.6	724.0	729.0	735.2	737.7	737.7	736.5	734.0
40°	670.4	681.7	685.4	689.1	696.6	702.8	706.6	710.3	710.3	710.3	707.8
42.5°	640.5	649.3	654.2	658.0	666.7	670.4	676.7	681.7	681.7	680.4	676.7
45°	606.9	616.9	621.8	625.6	634.3	641.8	645.5	650.5	649.3	649.3	644.3
47.5°	573.2	583.2	588.2	591.9	600.7	609.4	611.9	616.9	616.9	616.9	611.9
50°	538.4	548.3	552.1	555.8	565.8	570.8	577.0	582.0	582.0	583.2	578.2
52.5°	502.2	509.7	515.9	518.4	528.4	534.6	539.6	545.8	545.8	543.3	543.3
55°	463.6	472.3	478.5	481.0	488.5	498.5	502.2	507.2	507.2	507.2	504.7
57.5°	424.9	434.9	439.9	442.4	451.1	458.6	463.6	468.6	469.8	469.8	464.8
60°	385.1	395.0	400.0	402.5	412.5	418.7	423.7	428.7	429.9	431.2	426.2
62.5°	347.7	356.4	361.4	363.9	371.4	376.3	382.6	388.8	390.1	390.1	387.6
65°	306.6	315.3	319.0	321.5	327.7	336.5	343.9	348.9	350.2	348.9	348.9
67.5°	267.9	275.4	280.4	281.6	287.9	296.6	300.3	305.3	306.6	306.6	305.3
70°	229.3	238.0	241.8	244.3	249.2	256.7	260.5	265.4	266.7	267.9	265.4
72.5°	193.2	199.4	203.1	205.6	211.9	218.1	220.6	225.6	228.1	228.1	225.6
75°	157.0	163.3	165.7	168.2	173.2	179.5	181.9	186.9	189.4	188.2	188.2
77.5°	122.1	127.1	129.6	130.8	134.6	142.1	143.3	148.3	148.3	149.5	149.5
80°	89.7	93.5	96.0	97.2	99.7	104.7	107.2	110.9	113.4	112.2	112.2
82.5°	59.8	62.3	64.8	67.3	67.3	72.3	72.3	76.0	76.0	78.5	77.3
85°	33.6	34.9	36.1	37.4	37.4	41.1	41.1	43.6	46.1	43.6	43.6
87.5°	11.2	12.5	12.5	13.7	12.5	15.0	13.7	16.2	17.4	17.4	16.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: 22ID-25-L830-SWR

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	907.2	907.2	907.2	907.2	907.2	907.2	907.2	907.2	907.2	907.2	907.2
2.5°	907.2	907.2	907.2	907.2	907.2	907.2	907.2	907.2	907.2	907.2	907.2
5°	906.0	906.0	904.7	906.0	906.0	906.0	906.0	904.7	904.7	904.7	904.7
7.5°	903.5	902.2	902.2	902.2	901.0	901.0	901.0	901.0	899.7	899.7	899.7
10°	899.7	898.5	898.5	898.5	897.3	897.3	896.0	894.8	894.8	893.5	892.3
12.5°	894.8	893.5	892.3	892.3	891.0	889.8	888.5	887.3	886.0	883.5	883.5
15°	886.0	886.0	884.8	883.5	881.1	881.1	878.6	877.3	874.8	872.3	872.3
17.5°	877.3	876.1	874.8	872.3	869.8	868.6	866.1	863.6	861.1	858.6	857.4
20°	866.1	862.4	863.6	859.9	857.4	854.9	851.1	848.7	844.9	842.4	839.9
22.5°	851.1	849.9	848.7	844.9	841.2	839.9	833.7	830.0	826.2	822.5	820.0
25°	834.9	833.7	832.5	828.7	823.7	821.2	815.0	811.3	805.0	802.5	800.0
27.5°	816.3	816.3	813.8	808.8	805.0	798.8	795.1	787.6	782.6	778.9	776.4
30°	796.3	796.3	793.8	787.6	782.6	776.4	772.6	765.2	758.9	755.2	750.2
32.5°	776.4	775.1	772.6	766.4	760.2	753.9	746.5	740.2	732.8	729.0	724.0
35°	752.7	751.4	749.0	741.5	736.5	729.0	720.3	712.8	705.3	701.6	694.1
37.5°	727.8	725.3	722.8	714.1	707.8	700.4	694.1	684.2	676.7	671.7	668.0
40°	700.4	699.1	695.4	687.9	679.2	671.7	663.0	655.5	648.0	641.8	636.8
42.5°	672.9	668.0	665.5	658.0	651.8	640.5	634.3	624.3	616.9	611.9	604.4
45°	641.8	638.0	634.3	626.8	618.1	609.4	603.2	591.9	584.5	578.2	572.0
47.5°	606.9	605.6	601.9	593.2	585.7	577.0	569.5	558.3	550.8	545.8	539.6
50°	572.0	570.8	568.3	559.5	549.6	542.1	535.9	524.6	517.2	509.7	506.0
52.5°	539.6	534.6	532.1	524.6	514.7	506.0	501.0	489.8	482.3	474.8	469.8
55°	502.2	498.5	496.0	489.8	481.0	469.8	464.8	454.9	448.6	443.6	436.2
57.5°	464.8	459.8	457.3	449.9	443.6	434.9	428.7	418.7	412.5	407.5	402.5
60°	422.5	422.5	420.0	412.5	406.3	397.5	392.5	382.6	376.3	372.6	366.4
62.5°	387.6	382.6	381.3	372.6	368.9	360.1	356.4	347.7	343.9	337.7	331.5
65°	343.9	343.9	342.7	337.7	332.7	321.5	316.5	309.1	305.3	300.3	295.3
67.5°	305.3	301.6	301.6	296.6	290.4	284.1	280.4	272.9	270.4	264.2	260.5
70°	266.7	262.9	262.9	256.7	253.0	246.7	244.3	238.0	233.0	230.5	226.8
72.5°	228.1	225.6	224.3	219.3	216.8	210.6	209.4	203.1	198.1	196.9	193.2
75°	189.4	186.9	183.2	184.4	179.5	174.5	173.2	169.5	167.0	163.3	159.5
77.5°	150.8	148.3	148.3	145.8	143.3	139.6	138.3	135.8	132.1	129.6	127.1
80°	114.6	112.2	112.2	110.9	107.2	104.7	104.7	100.9	100.9	98.4	97.2
82.5°	78.5	77.3	76.0	77.3	74.8	72.3	73.5	72.3	71.0	68.5	67.3
85°	46.1	44.9	43.6	46.1	43.6	44.9	43.6	42.4	42.4	41.1	39.9
87.5°	17.4	17.4	16.2	17.4	17.4	18.7	17.4	17.4	17.4	17.4	17.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: 22ID-25-L830-SWR

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	907.2	907.2	907.2	907.2	907.2	907.2	907.2	907.2	907.2	907.2	907.2
2.5°	907.2	907.2	907.2	907.2	907.2	907.2	907.2	907.2	907.2	907.2	907.2
5°	904.7	904.7	904.7	904.7	904.7	904.7	904.7	904.7	904.7	903.5	904.7
7.5°	899.7	898.5	899.7	898.5	898.5	898.5	898.5	898.5	898.5	898.5	898.5
10°	892.3	892.3	892.3	892.3	892.3	892.3	892.3	892.3	892.3	891.0	891.0
12.5°	883.5	883.5	882.3	882.3	882.3	881.1	881.1	882.3	882.3	881.1	882.3
15°	871.1	872.3	869.8	868.6	868.6	868.6	868.6	868.6	868.6	868.6	869.8
17.5°	857.4	856.1	854.9	854.9	853.6	852.4	852.4	853.6	853.6	854.9	854.9
20°	839.9	839.9	837.4	836.2	834.9	833.7	833.7	834.9	834.9	834.9	837.4
22.5°	820.0	818.7	816.3	815.0	815.0	812.5	813.8	815.0	815.0	815.0	816.3
25°	797.6	796.3	795.1	793.8	791.3	790.1	790.1	792.6	792.6	795.1	796.3
27.5°	773.9	772.6	770.1	767.6	766.4	765.2	765.2	767.6	767.6	770.1	771.4
30°	749.0	747.7	744.0	742.7	739.0	737.7	739.0	741.5	742.7	744.0	745.2
32.5°	722.8	720.3	716.6	715.3	711.6	712.8	710.3	714.1	715.3	716.6	717.8
35°	694.1	691.6	687.9	684.2	682.9	681.7	681.7	684.2	684.2	687.9	689.1
37.5°	663.0	661.7	658.0	655.5	653.0	653.0	650.5	654.2	655.5	658.0	658.0
40°	634.3	633.1	626.8	624.3	621.8	623.1	619.4	623.1	624.3	626.8	628.1
42.5°	600.7	599.4	594.4	591.9	589.4	590.7	587.0	590.7	589.4	593.2	594.4
45°	568.3	567.0	563.3	558.3	555.8	557.0	557.0	557.0	555.8	559.5	560.8
47.5°	535.9	533.4	529.6	524.6	522.2	523.4	523.4	523.4	522.2	527.1	527.1
50°	502.2	499.7	496.0	491.0	489.8	489.8	489.8	489.8	489.8	492.2	493.5
52.5°	467.3	466.1	462.3	457.3	454.9	454.9	454.9	452.4	454.9	456.1	457.3
55°	432.4	431.2	424.9	422.5	420.0	421.2	420.0	418.7	418.7	421.2	422.5
57.5°	397.5	396.3	392.5	391.3	385.1	386.3	385.1	385.1	386.3	386.3	387.6
60°	362.6	361.4	357.7	356.4	351.4	352.7	347.7	350.2	351.4	351.4	351.4
62.5°	325.3	325.3	319.0	316.5	314.0	315.3	311.5	311.5	311.5	314.0	314.0
65°	291.6	290.4	285.4	282.9	280.4	280.4	277.9	277.9	276.7	279.1	279.1
67.5°	256.7	256.7	251.7	249.2	246.7	248.0	244.3	244.3	245.5	245.5	245.5
70°	223.1	223.1	219.3	218.1	214.3	214.3	210.6	211.9	211.9	211.9	211.9
72.5°	190.7	190.7	186.9	185.7	181.9	181.9	178.2	179.5	179.5	178.2	178.2
75°	158.3	159.5	153.3	152.0	149.5	150.8	148.3	147.0	148.3	145.8	145.8
77.5°	125.9	125.9	124.6	123.4	119.6	119.6	118.4	115.9	117.1	114.6	114.6
80°	94.7	96.0	92.2	93.5	89.7	91.0	89.7	87.2	87.2	86.0	84.7
82.5°	66.0	66.0	64.8	66.0	64.8	63.6	62.3	61.1	61.1	58.6	58.6
85°	39.9	41.1	38.6	39.9	39.9	38.6	36.1	36.1	36.1	34.9	34.9
87.5°	16.2	18.7	17.4	17.4	17.4	17.4	16.2	17.4	16.2	15.0	15.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: 22ID-25-L830-SWR

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	907.2	907.2	907.2	907.2	907.2	907.2	907.2	907.2	907.2	907.2	907.2
2.5°	906.0	907.2	907.2	907.2	907.2	906.0	906.0	906.0	906.0	906.0	907.2
5°	903.5	904.7	904.7	904.7	904.7	904.7	904.7	904.7	904.7	904.7	904.7
7.5°	898.5	898.5	899.7	899.7	899.7	899.7	901.0	899.7	901.0	899.7	901.0
10°	891.0	892.3	893.5	893.5	894.8	893.5	894.8	894.8	896.0	896.0	896.0
12.5°	882.3	883.5	883.5	886.0	886.0	886.0	887.3	887.3	888.5	889.8	889.8
15°	869.8	871.1	872.3	872.3	874.8	877.3	877.3	878.6	879.8	881.1	881.1
17.5°	854.9	856.1	857.4	859.9	862.4	864.9	866.1	866.1	868.6	869.8	869.8
20°	837.4	839.9	842.4	844.9	846.2	849.9	851.1	852.4	854.9	857.4	857.4
22.5°	818.7	820.0	823.7	826.2	828.7	832.5	833.7	837.4	839.9	841.2	842.4
25°	796.3	798.8	802.5	805.0	807.5	812.5	816.3	818.7	822.5	825.0	825.0
27.5°	771.4	775.1	778.9	781.4	785.1	791.3	795.1	797.6	802.5	805.0	806.3
30°	746.5	749.0	753.9	757.7	761.4	767.6	772.6	776.4	781.4	783.8	785.1
32.5°	719.0	722.8	727.8	731.5	736.5	742.7	747.7	751.4	758.9	760.2	761.4
35°	690.4	694.1	697.9	704.1	709.1	715.3	721.5	726.5	730.3	735.2	736.5
37.5°	660.5	664.2	669.2	674.2	679.2	686.6	692.9	696.6	702.8	706.6	709.1
40°	629.3	633.1	639.3	645.5	649.3	656.7	663.0	668.0	676.7	679.2	679.2
42.5°	595.7	600.7	604.4	611.9	615.6	624.3	630.6	638.0	643.0	646.8	648.0
45°	563.3	567.0	574.5	579.5	583.2	591.9	598.2	604.4	610.6	613.1	615.6
47.5°	528.4	533.4	539.6	542.1	548.3	557.0	563.3	569.5	577.0	579.5	580.7
50°	494.7	498.5	502.2	507.2	512.2	520.9	528.4	534.6	540.8	543.3	544.6
52.5°	459.8	463.6	467.3	473.5	476.0	484.8	488.5	494.7	503.5	506.0	507.2
55°	423.7	428.7	433.7	437.4	439.9	447.4	452.4	459.8	464.8	467.3	469.8
57.5°	387.6	391.3	396.3	401.3	402.5	410.0	416.2	420.0	426.2	428.7	431.2
60°	352.7	356.4	360.1	361.4	365.1	372.6	378.8	381.3	387.6	390.1	391.3
62.5°	315.3	316.5	321.5	325.3	325.3	335.2	339.0	343.9	348.9	350.2	352.7
65°	280.4	282.9	282.9	285.4	289.1	295.3	297.8	304.1	307.8	309.1	310.3
67.5°	245.5	248.0	250.5	253.0	253.0	259.2	260.5	265.4	269.2	270.4	271.7
70°	211.9	211.9	215.6	218.1	216.8	221.8	224.3	226.8	231.8	233.0	234.3
72.5°	179.5	178.2	180.7	183.2	185.7	186.9	189.4	190.7	194.4	196.9	198.1
75°	147.0	148.3	148.3	149.5	148.3	149.5	153.3	157.0	159.5	160.8	163.3
77.5°	114.6	115.9	115.9	117.1	118.4	118.4	119.6	124.6	127.1	128.4	127.1
80°	84.7	86.0	86.0	87.2	88.5	89.7	89.7	92.2	96.0	97.2	97.2
82.5°	59.8	59.8	59.8	59.8	61.1	61.1	62.3	64.8	67.3	67.3	69.8
85°	36.1	36.1	34.9	36.1	34.9	36.1	37.4	39.9	41.1	41.1	42.4
87.5°	16.2	15.0	16.2	16.2	15.0	15.0	15.0	16.2	16.2	17.4	17.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: 22ID-25-L830-SWR

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	907.2	907.2	907.2	907.2
2.5°	907.2	907.2	907.2	907.2
5°	904.7	904.7	904.7	904.7
7.5°	901.0	901.0	901.0	901.0
10°	896.0	897.3	897.3	897.3
12.5°	889.8	889.8	891.0	891.0
15°	882.3	882.3	882.3	883.5
17.5°	871.1	872.3	872.3	872.3
20°	858.6	859.9	859.9	858.6
22.5°	842.4	843.7	844.9	844.9
25°	826.2	828.7	830.0	830.0
27.5°	807.5	810.0	811.3	811.3
30°	787.6	790.1	790.1	790.1
32.5°	763.9	767.6	768.9	768.9
35°	739.0	744.0	745.2	745.2
37.5°	712.8	715.3	719.0	719.0
40°	684.2	686.6	690.4	690.4
42.5°	653.0	658.0	658.0	660.5
45°	619.4	624.3	625.6	628.1
47.5°	585.7	590.7	591.9	593.2
50°	549.6	553.3	557.0	557.0
52.5°	513.4	515.9	518.4	520.9
55°	474.8	478.5	479.8	482.3
57.5°	434.9	439.9	441.1	443.6
60°	396.3	400.0	402.5	403.8
62.5°	357.7	360.1	361.4	363.9
65°	315.3	319.0	319.0	321.5
67.5°	276.7	279.1	280.4	281.6
70°	235.5	240.5	241.8	244.3
72.5°	199.4	204.4	204.4	206.9
75°	167.0	168.2	168.2	170.7
77.5°	132.1	133.3	134.6	135.8
80°	99.7	100.9	100.9	103.4
82.5°	71.0	71.0	71.0	72.3
85°	43.6	42.4	41.1	42.4
87.5°	17.4	17.4	18.7	16.2
90°	0.0	0.0	0.0	0.0

TEST NUMBER: P571897

CATALOG NUMBER: 22ID-25-L830-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	15.01	16.64	15.38	16.96	17.27	13.90	15.53	14.26	15.84	16.15
	3H	16.77	18.24	17.14	18.56	18.92	15.52	16.99	15.89	17.31	17.67
	4H	17.42	18.81	17.82	19.16	19.53	16.11	17.49	16.51	17.84	18.22
	6H	17.92	19.20	18.33	19.56	19.95	16.54	17.83	16.95	18.19	18.58
	8H	18.07	19.30	18.50	19.69	20.09	16.67	17.90	17.10	18.29	18.69
	12H	18.17	19.35	18.60	19.73	20.16	16.76	17.93	17.19	18.31	18.74
4H	2H	15.50	16.88	15.90	17.23	17.61	14.60	15.98	15.00	16.33	16.71
	3H	17.48	18.64	17.89	19.03	19.43	16.42	17.58	16.83	17.98	18.38
	4H	18.27	19.32	18.70	19.73	20.17	17.13	18.18	17.56	18.59	19.03
	6H	18.90	19.82	19.36	20.26	20.71	17.67	18.59	18.13	19.03	19.49
	8H	19.11	19.97	19.57	20.41	20.88	17.84	18.70	18.30	19.14	19.61
	12H	19.26	20.03	19.74	20.50	20.97	17.96	18.73	18.44	19.21	19.68
8H	4H	18.50	19.36	18.96	19.80	20.27	17.48	18.33	17.94	18.78	19.24
	6H	19.25	19.96	19.74	20.45	20.92	18.13	18.84	18.62	19.33	19.80
	8H	19.53	20.17	20.04	20.68	21.17	18.36	19.00	18.87	19.51	20.00
	12H	19.76	20.32	20.26	20.81	21.37	18.54	19.11	19.05	19.60	20.16
12H	4H	18.52	19.29	19.00	19.77	20.24	17.52	18.29	18.00	18.77	19.24
	6H	19.28	19.92	19.79	20.43	20.91	18.19	18.83	18.70	19.34	19.83
	8H	19.62	20.19	20.13	20.68	21.24	18.48	19.05	18.99	19.54	20.10

END OF REPORT

FIELD PERFORMANCE MAY DIFFER FROM LABORATORY PERFORMANCE

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