

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: P571885

Luminaire Tested: 22ID-20-L835-SWR

Issue Date: 10/5/2021

Test Information

Test Method: LM-79-2019
Report Number: P571885
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-20-L835-SWR
Description: 2000 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: 1999.0 lumens
Efficiency: N/A
Efficacy: 122.6 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

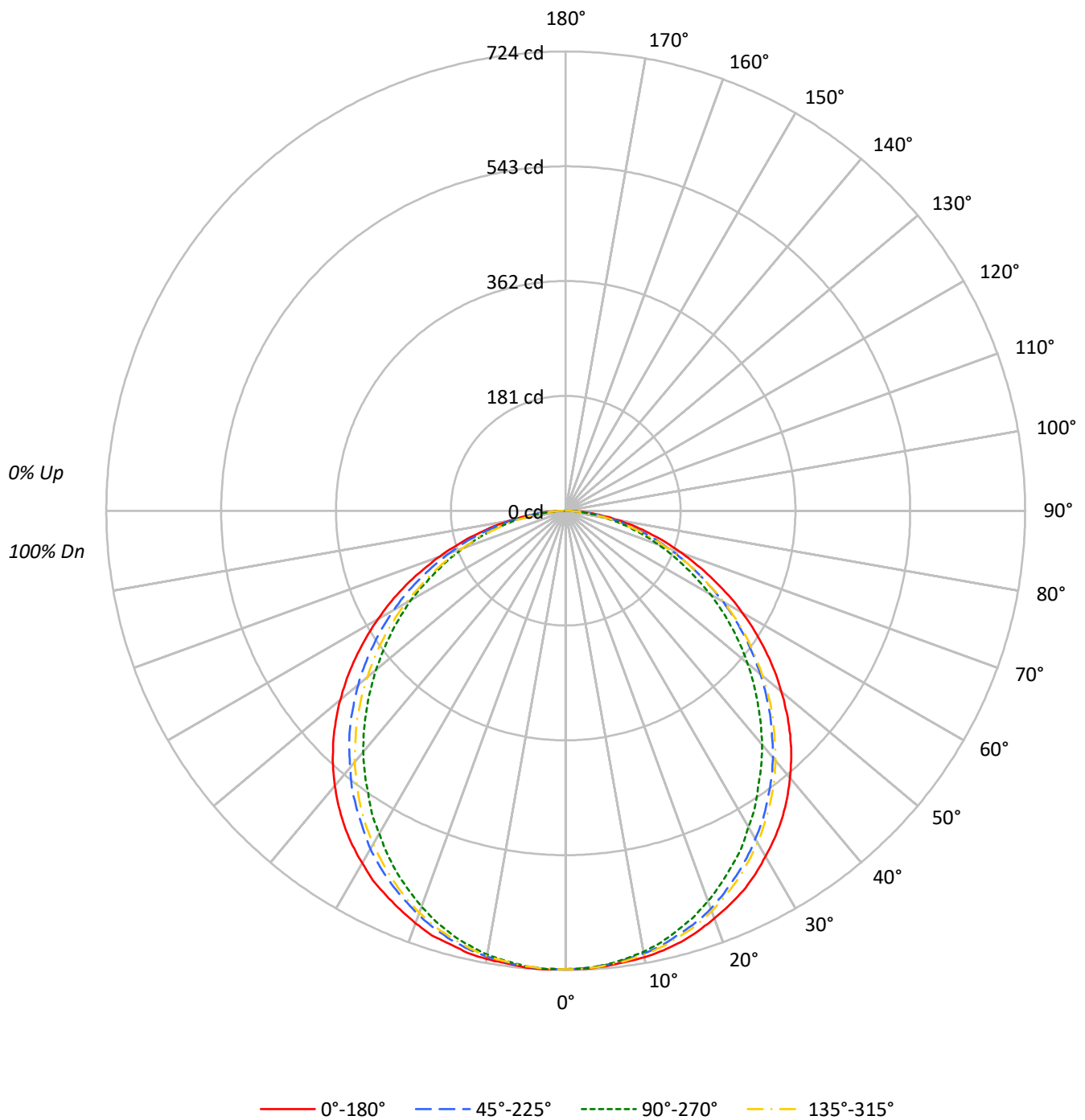
Input Watts (W): 16.3
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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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°	1945	1945	1945	1945
5°	1947	1942	1952	1947
10°	1953	1929	1961	1943
15°	1961	1906	1969	1928
20°	1959	1877	1982	1902
25°	1964	1837	1987	1869
30°	1956	1789	1993	1826
35°	1950	1738	1996	1784
40°	1932	1691	1988	1744
45°	1904	1628	1972	1689
50°	1858	1567	1941	1634
55°	1803	1495	1896	1574
60°	1731	1416	1838	1512
65°	1631	1315	1770	1422
70°	1531	1219	1664	1344
75°	1414	1104	1548	1249
80°	1277	970	1370	1124
85°	1044	797	1074	951

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 180°

Vertical Angle: 45°

Luminance: 1972 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.5	3.4
10°-20°	196.4	9.8
20°-30°	296.5	14.8
30°-40°	354.0	17.7
40°-50°	361.2	18.1
50°-60°	318.6	15.9
60°-70°	235.4	11.8
70°-80°	132.7	6.6
80°-90°	35.5	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°	561.4	28.1
0°-40°	915.5	45.8
0°-60°	1595.3	79.8
0°-90°	1999.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1999.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	723	723	723	723	723	
5°	721	719	723	721	721	69
15°	704	684	707	692	704	199
25°	661	619	669	630	661	304
35°	594	529	608	543	594	371
45°	500	428	518	444	500	385
55°	384	319	404	336	384	343
65°	256	206	278	223	256	254
75°	136	106	149	120	136	144
85°	34	26	35	31	34	40
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°	722.8	722.8	722.8	722.8	722.8	722.8	722.8	722.8	722.8	722.8	722.8
2.5°	722.8	722.8	722.8	722.8	721.8	720.8	720.8	721.8	721.8	720.8	721.8
5°	720.8	720.8	720.8	719.8	718.8	718.8	718.8	718.8	717.8	718.8	718.8
7.5°	717.8	717.8	717.8	716.9	715.9	715.9	715.9	714.9	713.9	714.9	713.9
10°	714.9	713.9	713.9	713.9	711.9	710.9	710.9	710.9	709.9	709.9	708.9
12.5°	709.9	708.9	708.9	707.9	706.9	705.9	704.9	703.9	703.0	702.0	702.0
15°	703.9	703.9	702.0	701.0	699.0	698.0	697.0	696.0	694.0	693.0	691.0
17.5°	695.0	695.0	693.0	692.0	690.0	688.1	688.1	686.1	684.1	682.1	681.1
20°	684.1	685.1	684.1	682.1	679.1	678.1	677.1	675.2	672.2	670.2	668.2
22.5°	673.2	674.2	672.2	669.2	667.2	666.2	664.2	661.3	658.3	655.3	652.3
25°	661.3	660.3	658.3	656.3	653.3	652.3	650.3	647.4	642.4	639.4	635.4
27.5°	646.4	646.4	643.4	641.4	636.4	636.4	633.5	629.5	625.5	620.5	617.6
30°	629.5	629.5	627.5	624.5	619.6	618.6	615.6	612.6	606.6	601.7	597.7
32.5°	612.6	611.6	609.6	606.6	601.7	599.7	596.7	592.7	587.8	580.8	577.9
35°	593.7	592.7	589.8	585.8	581.8	579.8	576.9	571.9	566.9	560.0	555.0
37.5°	572.9	571.9	568.9	564.9	560.0	558.0	555.0	550.1	543.1	538.1	532.2
40°	550.1	549.1	547.1	543.1	538.1	536.2	532.2	527.2	519.3	513.3	508.4
42.5°	526.2	525.2	522.3	517.3	513.3	511.3	507.4	502.4	495.4	488.5	481.5
45°	500.4	499.4	496.4	490.5	487.5	484.5	480.6	475.6	469.6	463.7	455.7
47.5°	472.6	471.6	469.6	464.7	458.7	457.7	453.7	448.8	441.8	433.9	427.9
50°	443.8	443.8	440.8	436.9	432.9	429.9	425.9	421.0	412.0	407.1	400.1
52.5°	415.0	414.0	412.0	407.1	404.1	401.1	396.2	393.2	384.2	380.3	372.3
55°	384.2	383.2	379.3	376.3	374.3	371.3	367.4	361.4	356.4	350.5	343.5
57.5°	353.5	352.5	349.5	347.5	343.5	340.6	336.6	332.6	325.7	321.7	314.7
60°	321.7	321.7	319.7	316.7	312.8	309.8	306.8	302.8	296.9	290.9	285.9
62.5°	289.9	289.9	286.9	284.0	282.0	279.0	277.0	272.0	267.1	263.1	255.2
65°	256.2	256.2	252.2	251.2	249.2	247.2	244.2	239.3	236.3	229.4	226.4
67.5°	224.4	225.4	222.4	222.4	219.4	217.4	214.5	210.5	207.5	201.6	198.6
70°	194.6	195.6	193.6	192.6	189.6	187.7	185.7	182.7	178.7	176.7	171.8
72.5°	164.8	165.8	163.8	163.8	160.8	159.9	157.9	155.9	151.9	149.9	145.0
75°	136.0	135.0	135.0	136.0	133.0	132.1	131.1	127.1	125.1	123.1	119.1
77.5°	108.2	108.2	109.2	108.2	106.2	105.2	103.3	100.3	99.3	98.3	94.3
80°	82.4	83.4	83.4	82.4	80.4	79.4	78.4	75.5	74.5	74.5	71.5
82.5°	57.6	57.6	56.6	57.6	55.6	54.6	55.6	52.6	51.6	51.6	49.6
85°	33.8	32.8	32.8	33.8	32.8	32.8	32.8	30.8	30.8	30.8	28.8
87.5°	12.9	12.9	13.9	13.9	12.9	12.9	12.9	12.9	11.9	11.9	10.9
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°	722.8	722.8	722.8	722.8	722.8	722.8	722.8	722.8	722.8	722.8	722.8
2.5°	720.8	720.8	720.8	720.8	721.8	720.8	721.8	721.8	722.8	721.8	722.8
5°	718.8	718.8	717.8	717.8	717.8	717.8	717.8	717.8	717.8	718.8	718.8
7.5°	713.9	713.9	712.9	712.9	712.9	712.9	711.9	711.9	712.9	712.9	712.9
10°	707.9	706.9	705.9	705.9	705.9	705.9	704.9	705.9	705.9	705.9	705.9
12.5°	699.0	699.0	698.0	697.0	697.0	697.0	696.0	697.0	697.0	697.0	697.0
15°	690.0	689.1	688.1	686.1	686.1	685.1	684.1	685.1	684.1	684.1	685.1
17.5°	677.1	677.1	675.2	674.2	673.2	672.2	671.2	671.2	671.2	671.2	673.2
20°	664.2	663.2	661.3	657.3	658.3	657.3	655.3	656.3	656.3	655.3	655.3
22.5°	650.3	646.4	644.4	640.4	641.4	639.4	638.4	639.4	638.4	637.4	639.4
25°	631.5	629.5	624.5	624.5	622.5	621.5	621.5	620.5	619.6	618.6	620.5
27.5°	614.6	610.6	607.6	603.7	601.7	601.7	600.7	599.7	597.7	599.7	599.7
30°	593.7	589.8	584.8	582.8	580.8	580.8	578.8	577.9	575.9	575.9	578.8
32.5°	573.9	567.9	563.0	560.0	559.0	558.0	557.0	553.0	554.0	555.0	556.0
35°	550.1	545.1	541.1	538.1	535.2	534.2	533.2	530.2	530.2	529.2	532.2
37.5°	527.2	521.3	518.3	513.3	511.3	509.3	508.4	506.4	505.4	506.4	507.4
40°	502.4	497.4	492.5	487.5	485.5	484.5	481.5	481.5	479.6	481.5	481.5
42.5°	476.6	471.6	465.7	461.7	459.7	457.7	455.7	454.7	454.7	454.7	455.7
45°	450.8	444.8	438.9	434.9	432.9	431.9	428.9	427.9	425.9	427.9	428.9
47.5°	423.0	418.0	412.0	409.1	406.1	405.1	402.1	400.1	399.1	401.1	401.1
50°	395.2	390.2	385.2	381.3	378.3	377.3	374.3	374.3	372.3	374.3	374.3
52.5°	367.4	362.4	357.4	352.5	350.5	349.5	346.5	346.5	346.5	346.5	346.5
55°	339.6	332.6	329.6	324.7	322.7	321.7	320.7	317.7	318.7	318.7	318.7
57.5°	310.8	305.8	299.8	297.9	294.9	293.9	293.9	289.9	288.9	290.9	290.9
60°	282.0	278.0	272.0	269.1	267.1	267.1	264.1	260.1	259.1	263.1	263.1
62.5°	252.2	246.2	243.3	240.3	238.3	237.3	236.3	233.3	234.3	233.3	233.3
65°	224.4	218.4	216.4	213.5	211.5	210.5	209.5	207.5	205.5	206.5	206.5
67.5°	196.6	191.6	188.6	186.7	184.7	184.7	182.7	180.7	181.7	180.7	180.7
70°	169.8	165.8	161.8	160.8	158.9	158.9	157.9	156.9	155.9	154.9	154.9
72.5°	144.0	140.0	137.0	135.0	134.0	134.0	133.0	130.1	131.1	130.1	130.1
75°	117.2	114.2	113.2	111.2	110.2	110.2	109.2	107.2	108.2	106.2	104.3
77.5°	93.3	90.4	89.4	88.4	89.4	88.4	85.4	86.4	85.4	83.4	83.4
80°	71.5	68.5	68.5	66.5	65.5	65.5	64.5	64.5	63.5	62.6	62.6
82.5°	48.7	47.7	46.7	45.7	44.7	46.7	44.7	43.7	43.7	43.7	42.7
85°	27.8	27.8	26.8	26.8	25.8	26.8	25.8	24.8	25.8	25.8	23.8
87.5°	10.9	11.9	9.9	9.9	9.9	9.9	8.9	9.9	9.9	9.9	8.9
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°	722.8	722.8	722.8	722.8	722.8	722.8	722.8	722.8	722.8	722.8	722.8
2.5°	722.8	721.8	721.8	721.8	721.8	720.8	721.8	721.8	722.8	721.8	721.8
5°	718.8	717.8	718.8	717.8	717.8	718.8	718.8	719.8	719.8	720.8	720.8
7.5°	712.9	712.9	712.9	712.9	712.9	713.9	713.9	714.9	715.9	715.9	716.9
10°	705.9	705.9	706.9	705.9	706.9	707.9	708.9	709.9	710.9	711.9	711.9
12.5°	697.0	697.0	697.0	699.0	699.0	700.0	701.0	703.0	703.9	705.9	705.9
15°	685.1	685.1	687.1	687.1	688.1	690.0	692.0	693.0	695.0	697.0	698.0
17.5°	672.2	672.2	674.2	674.2	675.2	678.1	680.1	681.1	685.1	687.1	689.1
20°	657.3	657.3	660.3	659.3	661.3	664.2	666.2	669.2	672.2	675.2	677.1
22.5°	639.4	640.4	643.4	643.4	644.4	648.3	651.3	654.3	657.3	661.3	664.2
25°	620.5	621.5	624.5	625.5	626.5	630.5	634.4	636.4	641.4	646.4	648.3
27.5°	599.7	601.7	603.7	604.7	606.6	611.6	615.6	619.6	623.5	628.5	632.5
30°	578.8	580.8	582.8	583.8	585.8	590.8	594.7	599.7	604.7	609.6	613.6
32.5°	555.0	558.0	560.0	562.0	563.0	568.9	573.9	578.8	583.8	589.8	594.7
35°	532.2	535.2	537.1	538.1	540.1	546.1	550.1	555.0	562.0	567.9	572.9
37.5°	507.4	509.3	513.3	513.3	515.3	522.3	527.2	532.2	539.1	545.1	551.0
40°	482.5	483.5	487.5	488.5	490.5	497.4	502.4	509.3	514.3	521.3	527.2
42.5°	455.7	458.7	462.7	464.7	466.7	470.6	474.6	482.5	487.5	495.4	501.4
45°	428.9	431.9	433.9	434.9	439.8	443.8	447.8	455.7	461.7	468.6	475.6
47.5°	402.1	404.1	407.1	411.0	413.0	417.0	420.0	427.9	433.9	441.8	447.8
50°	374.3	377.3	379.3	380.3	384.2	389.2	393.2	400.1	405.1	413.0	420.0
52.5°	346.5	350.5	350.5	354.5	356.4	358.4	364.4	371.3	376.3	383.2	390.2
55°	319.7	321.7	324.7	325.7	328.6	330.6	334.6	341.5	347.5	354.5	361.4
57.5°	289.9	291.9	293.9	297.9	299.8	303.8	307.8	312.8	317.7	324.7	329.6
60°	261.1	264.1	266.1	269.1	269.1	274.0	279.0	284.0	287.9	294.9	299.8
62.5°	235.3	235.3	235.3	239.3	238.3	242.3	246.2	252.2	256.2	265.1	271.1
65°	207.5	208.5	208.5	211.5	210.5	214.5	217.4	223.4	227.4	232.3	238.3
67.5°	180.7	180.7	181.7	184.7	183.7	186.7	191.6	194.6	197.6	203.5	208.5
70°	152.9	153.9	154.9	157.9	156.9	160.8	163.8	165.8	169.8	173.8	177.7
72.5°	129.1	129.1	132.1	132.1	131.1	134.0	137.0	139.0	141.0	146.0	150.9
75°	106.2	105.2	107.2	107.2	106.2	107.2	109.2	112.2	114.2	118.2	122.1
77.5°	83.4	82.4	84.4	84.4	84.4	83.4	86.4	87.4	88.4	90.4	94.3
80°	61.6	60.6	62.6	62.6	60.6	61.6	63.5	64.5	64.5	66.5	69.5
82.5°	42.7	41.7	42.7	42.7	42.7	42.7	43.7	42.7	43.7	43.7	46.7
85°	25.8	24.8	25.8	24.8	24.8	23.8	25.8	24.8	24.8	25.8	25.8
87.5°	8.9	8.9	9.9	9.9	8.9	9.9	8.9	8.9	8.9	9.9	8.9
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°	722.8	722.8	722.8	722.8	722.8	722.8	722.8	722.8	722.8	722.8	722.8
2.5°	722.8	722.8	722.8	722.8	722.8	722.8	723.8	723.8	722.8	723.8	722.8
5°	720.8	720.8	721.8	721.8	721.8	721.8	721.8	722.8	722.8	722.8	721.8
7.5°	717.8	717.8	717.8	717.8	718.8	719.8	719.8	719.8	720.8	719.8	719.8
10°	712.9	714.9	714.9	715.9	715.9	716.9	717.8	717.8	717.8	717.8	717.8
12.5°	707.9	708.9	709.9	710.9	711.9	711.9	713.9	713.9	713.9	713.9	712.9
15°	700.0	702.0	703.0	703.9	705.9	705.9	707.9	706.9	708.9	707.9	706.9
17.5°	691.0	693.0	695.0	695.0	698.0	699.0	701.0	702.0	702.0	701.0	699.0
20°	680.1	683.1	684.1	686.1	688.1	690.0	691.0	692.0	693.0	692.0	691.0
22.5°	667.2	671.2	672.2	674.2	677.1	679.1	680.1	681.1	682.1	682.1	680.1
25°	653.3	658.3	658.3	661.3	664.2	667.2	669.2	669.2	671.2	669.2	669.2
27.5°	636.4	642.4	645.4	646.4	650.3	653.3	655.3	657.3	657.3	655.3	655.3
30°	619.6	625.5	628.5	629.5	634.4	637.4	639.4	641.4	641.4	641.4	639.4
32.5°	600.7	607.6	610.6	611.6	617.6	620.5	623.5	625.5	625.5	624.5	621.5
35°	580.8	585.8	590.8	592.7	597.7	600.7	605.7	607.6	606.6	606.6	603.7
37.5°	558.0	565.9	568.9	570.9	576.9	580.8	585.8	587.8	587.8	586.8	584.8
40°	534.2	543.1	546.1	549.1	555.0	560.0	563.0	565.9	565.9	565.9	564.0
42.5°	510.3	517.3	521.3	524.2	531.2	534.2	539.1	543.1	543.1	542.1	539.1
45°	483.5	491.5	495.4	498.4	505.4	511.3	514.3	518.3	517.3	517.3	513.3
47.5°	456.7	464.7	468.6	471.6	478.6	485.5	487.5	491.5	491.5	491.5	487.5
50°	428.9	436.9	439.8	442.8	450.8	454.7	459.7	463.7	463.7	464.7	460.7
52.5°	400.1	406.1	411.0	413.0	421.0	425.9	429.9	434.9	434.9	432.9	432.9
55°	369.3	376.3	381.3	383.2	389.2	397.1	400.1	404.1	404.1	404.1	402.1
57.5°	338.6	346.5	350.5	352.5	359.4	365.4	369.3	373.3	374.3	374.3	370.3
60°	306.8	314.7	318.7	320.7	328.6	333.6	337.6	341.5	342.5	343.5	339.6
62.5°	277.0	284.0	287.9	289.9	295.9	299.8	304.8	309.8	310.8	310.8	308.8
65°	244.2	251.2	254.2	256.2	261.1	268.1	274.0	278.0	279.0	278.0	278.0
67.5°	213.5	219.4	223.4	224.4	229.4	236.3	239.3	243.3	244.2	244.2	243.3
70°	182.7	189.6	192.6	194.6	198.6	204.5	207.5	211.5	212.5	213.5	211.5
72.5°	153.9	158.9	161.8	163.8	168.8	173.8	175.7	179.7	181.7	181.7	179.7
75°	125.1	130.1	132.1	134.0	138.0	143.0	145.0	148.9	150.9	149.9	149.9
77.5°	97.3	101.3	103.3	104.3	107.2	113.2	114.2	118.2	118.2	119.1	119.1
80°	71.5	74.5	76.5	77.4	79.4	83.4	85.4	88.4	90.4	89.4	89.4
82.5°	47.7	49.6	51.6	53.6	53.6	57.6	57.6	60.6	60.6	62.6	61.6
85°	26.8	27.8	28.8	29.8	29.8	32.8	32.8	34.8	36.7	34.8	34.8
87.5°	8.9	9.9	9.9	10.9	9.9	11.9	10.9	12.9	13.9	13.9	12.9
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: P571885

CATALOG NUMBER: 22ID-20-L835-SWR

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	722.8	722.8	722.8	722.8	722.8	722.8	722.8	722.8	722.8	722.8	722.8
2.5°	722.8	722.8	722.8	722.8	722.8	722.8	722.8	722.8	722.8	722.8	722.8
5°	721.8	721.8	720.8	721.8	721.8	721.8	721.8	720.8	720.8	720.8	720.8
7.5°	719.8	718.8	718.8	718.8	717.8	717.8	717.8	717.8	716.9	716.9	716.9
10°	716.9	715.9	715.9	715.9	714.9	714.9	713.9	712.9	712.9	711.9	710.9
12.5°	712.9	711.9	710.9	710.9	709.9	708.9	707.9	706.9	705.9	703.9	703.9
15°	705.9	705.9	704.9	703.9	702.0	702.0	700.0	699.0	697.0	695.0	695.0
17.5°	699.0	698.0	697.0	695.0	693.0	692.0	690.0	688.1	686.1	684.1	683.1
20°	690.0	687.1	688.1	685.1	683.1	681.1	678.1	676.1	673.2	671.2	669.2
22.5°	678.1	677.1	676.1	673.2	670.2	669.2	664.2	661.3	658.3	655.3	653.3
25°	665.2	664.2	663.2	660.3	656.3	654.3	649.3	646.4	641.4	639.4	637.4
27.5°	650.3	650.3	648.3	644.4	641.4	636.4	633.5	627.5	623.5	620.5	618.6
30°	634.4	634.4	632.5	627.5	623.5	618.6	615.6	609.6	604.7	601.7	597.7
32.5°	618.6	617.6	615.6	610.6	605.7	600.7	594.7	589.8	583.8	580.8	576.9
35°	599.7	598.7	596.7	590.8	586.8	580.8	573.9	567.9	562.0	559.0	553.0
37.5°	579.8	577.9	575.9	568.9	564.0	558.0	553.0	545.1	539.1	535.2	532.2
40°	558.0	557.0	554.0	548.1	541.1	535.2	528.2	522.3	516.3	511.3	507.4
42.5°	536.2	532.2	530.2	524.2	519.3	510.3	505.4	497.4	491.5	487.5	481.5
45°	511.3	508.4	505.4	499.4	492.5	485.5	480.6	471.6	465.7	460.7	455.7
47.5°	483.5	482.5	479.6	472.6	466.7	459.7	453.7	444.8	438.9	434.9	429.9
50°	455.7	454.7	452.8	445.8	437.9	431.9	426.9	418.0	412.0	406.1	403.1
52.5°	429.9	425.9	424.0	418.0	410.1	403.1	399.1	390.2	384.2	378.3	374.3
55°	400.1	397.1	395.2	390.2	383.2	374.3	370.3	362.4	357.4	353.5	347.5
57.5°	370.3	366.4	364.4	358.4	353.5	346.5	341.5	333.6	328.6	324.7	320.7
60°	336.6	336.6	334.6	328.6	323.7	316.7	312.8	304.8	299.8	296.9	291.9
62.5°	308.8	304.8	303.8	296.9	293.9	286.9	284.0	277.0	274.0	269.1	264.1
65°	274.0	274.0	273.0	269.1	265.1	256.2	252.2	246.2	243.3	239.3	235.3
67.5°	243.3	240.3	240.3	236.3	231.3	226.4	223.4	217.4	215.5	210.5	207.5
70°	212.5	209.5	209.5	204.5	201.6	196.6	194.6	189.6	185.7	183.7	180.7
72.5°	181.7	179.7	178.7	174.7	172.8	167.8	166.8	161.8	157.9	156.9	153.9
75°	150.9	148.9	146.0	146.9	143.0	139.0	138.0	135.0	133.0	130.1	127.1
77.5°	120.1	118.2	118.2	116.2	114.2	111.2	110.2	108.2	105.2	103.3	101.3
80°	91.3	89.4	89.4	88.4	85.4	83.4	83.4	80.4	80.4	78.4	77.4
82.5°	62.6	61.6	60.6	61.6	59.6	57.6	58.6	57.6	56.6	54.6	53.6
85°	36.7	35.7	34.8	36.7	34.8	35.7	34.8	33.8	33.8	32.8	31.8
87.5°	13.9	13.9	12.9	13.9	13.9	14.9	13.9	13.9	13.9	13.9	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: P571885

CATALOG NUMBER: 22ID-20-L835-SWR

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	722.8	722.8	722.8	722.8	722.8	722.8	722.8	722.8	722.8	722.8	722.8
2.5°	722.8	722.8	722.8	722.8	722.8	722.8	722.8	722.8	722.8	722.8	722.8
5°	720.8	720.8	720.8	720.8	720.8	720.8	720.8	720.8	720.8	719.8	720.8
7.5°	716.9	715.9	716.9	715.9	715.9	715.9	715.9	715.9	715.9	715.9	715.9
10°	710.9	710.9	710.9	710.9	710.9	710.9	710.9	710.9	710.9	709.9	709.9
12.5°	703.9	703.9	703.0	703.0	703.0	702.0	702.0	703.0	703.0	702.0	703.0
15°	694.0	695.0	693.0	692.0	692.0	692.0	692.0	692.0	692.0	692.0	693.0
17.5°	683.1	682.1	681.1	681.1	680.1	679.1	679.1	680.1	680.1	681.1	681.1
20°	669.2	669.2	667.2	666.2	665.2	664.2	664.2	665.2	665.2	665.2	667.2
22.5°	653.3	652.3	650.3	649.3	649.3	647.4	648.3	649.3	649.3	649.3	650.3
25°	635.4	634.4	633.5	632.5	630.5	629.5	629.5	631.5	631.5	633.5	634.4
27.5°	616.6	615.6	613.6	611.6	610.6	609.6	609.6	611.6	611.6	613.6	614.6
30°	596.7	595.7	592.7	591.8	588.8	587.8	588.8	590.8	591.8	592.7	593.7
32.5°	575.9	573.9	570.9	569.9	566.9	567.9	565.9	568.9	569.9	570.9	571.9
35°	553.0	551.0	548.1	545.1	544.1	543.1	543.1	545.1	545.1	548.1	549.1
37.5°	528.2	527.2	524.2	522.3	520.3	520.3	518.3	521.3	522.3	524.2	524.2
40°	505.4	504.4	499.4	497.4	495.4	496.4	493.5	496.4	497.4	499.4	500.4
42.5°	478.6	477.6	473.6	471.6	469.6	470.6	467.6	470.6	469.6	472.6	473.6
45°	452.8	451.8	448.8	444.8	442.8	443.8	443.8	443.8	442.8	445.8	446.8
47.5°	426.9	424.9	422.0	418.0	416.0	417.0	417.0	417.0	416.0	420.0	420.0
50°	400.1	398.1	395.2	391.2	390.2	390.2	390.2	390.2	390.2	392.2	393.2
52.5°	372.3	371.3	368.4	364.4	362.4	362.4	362.4	360.4	362.4	363.4	364.4
55°	344.5	343.5	338.6	336.6	334.6	335.6	334.6	333.6	333.6	335.6	336.6
57.5°	316.7	315.7	312.8	311.8	306.8	307.8	306.8	306.8	307.8	307.8	308.8
60°	288.9	287.9	285.0	284.0	280.0	281.0	277.0	279.0	280.0	280.0	280.0
62.5°	259.1	259.1	254.2	252.2	250.2	251.2	248.2	248.2	248.2	250.2	250.2
65°	232.3	231.3	227.4	225.4	223.4	223.4	221.4	221.4	220.4	222.4	222.4
67.5°	204.5	204.5	200.6	198.6	196.6	197.6	194.6	194.6	195.6	195.6	195.6
70°	177.7	177.7	174.7	173.8	170.8	170.8	167.8	168.8	168.8	168.8	168.8
72.5°	151.9	151.9	148.9	147.9	145.0	145.0	142.0	143.0	143.0	142.0	142.0
75°	126.1	127.1	122.1	121.1	119.1	120.1	118.2	117.2	118.2	116.2	116.2
77.5°	100.3	100.3	99.3	98.3	95.3	95.3	94.3	92.3	93.3	91.3	91.3
80°	75.5	76.5	73.5	74.5	71.5	72.5	71.5	69.5	69.5	68.5	67.5
82.5°	52.6	52.6	51.6	52.6	51.6	50.6	49.6	48.7	48.7	46.7	46.7
85°	31.8	32.8	30.8	31.8	31.8	30.8	28.8	28.8	28.8	27.8	27.8
87.5°	12.9	14.9	13.9	13.9	13.9	13.9	12.9	13.9	12.9	11.9	11.9
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: P571885

CATALOG NUMBER: 22ID-20-L835-SWR

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	722.8	722.8	722.8	722.8	722.8	722.8	722.8	722.8	722.8	722.8	722.8
2.5°	721.8	722.8	722.8	722.8	722.8	721.8	721.8	721.8	721.8	721.8	722.8
5°	719.8	720.8	720.8	720.8	720.8	720.8	720.8	720.8	720.8	720.8	720.8
7.5°	715.9	715.9	716.9	716.9	716.9	716.9	717.8	716.9	717.8	716.9	717.8
10°	709.9	710.9	711.9	711.9	712.9	711.9	712.9	712.9	713.9	713.9	713.9
12.5°	703.0	703.9	703.9	705.9	705.9	705.9	706.9	706.9	707.9	708.9	708.9
15°	693.0	694.0	695.0	695.0	697.0	699.0	699.0	700.0	701.0	702.0	702.0
17.5°	681.1	682.1	683.1	685.1	687.1	689.1	690.0	690.0	692.0	693.0	693.0
20°	667.2	669.2	671.2	673.2	674.2	677.1	678.1	679.1	681.1	683.1	683.1
22.5°	652.3	653.3	656.3	658.3	660.3	663.2	664.2	667.2	669.2	670.2	671.2
25°	634.4	636.4	639.4	641.4	643.4	647.4	650.3	652.3	655.3	657.3	657.3
27.5°	614.6	617.6	620.5	622.5	625.5	630.5	633.5	635.4	639.4	641.4	642.4
30°	594.7	596.7	600.7	603.7	606.6	611.6	615.6	618.6	622.5	624.5	625.5
32.5°	572.9	575.9	579.8	582.8	586.8	591.8	595.7	598.7	604.7	605.7	606.6
35°	550.1	553.0	556.0	561.0	564.9	569.9	574.9	578.8	581.8	585.8	586.8
37.5°	526.2	529.2	533.2	537.1	541.1	547.1	552.0	555.0	560.0	563.0	564.9
40°	501.4	504.4	509.3	514.3	517.3	523.2	528.2	532.2	539.1	541.1	541.1
42.5°	474.6	478.6	481.5	487.5	490.5	497.4	502.4	508.4	512.3	515.3	516.3
45°	448.8	451.8	457.7	461.7	464.7	471.6	476.6	481.5	486.5	488.5	490.5
47.5°	421.0	424.9	429.9	431.9	436.9	443.8	448.8	453.7	459.7	461.7	462.7
50°	394.2	397.1	400.1	404.1	408.1	415.0	421.0	425.9	430.9	432.9	433.9
52.5°	366.4	369.3	372.3	377.3	379.3	386.2	389.2	394.2	401.1	403.1	404.1
55°	337.6	341.5	345.5	348.5	350.5	356.4	360.4	366.4	370.3	372.3	374.3
57.5°	308.8	311.8	315.7	319.7	320.7	326.7	331.6	334.6	339.6	341.5	343.5
60°	281.0	284.0	286.9	287.9	290.9	296.9	301.8	303.8	308.8	310.8	311.8
62.5°	251.2	252.2	256.2	259.1	259.1	267.1	270.1	274.0	278.0	279.0	281.0
65°	223.4	225.4	225.4	227.4	230.3	235.3	237.3	242.3	245.2	246.2	247.2
67.5°	195.6	197.6	199.6	201.6	201.6	206.5	207.5	211.5	214.5	215.5	216.4
70°	168.8	168.8	171.8	173.8	172.8	176.7	178.7	180.7	184.7	185.7	186.7
72.5°	143.0	142.0	144.0	146.0	147.9	148.9	150.9	151.9	154.9	156.9	157.9
75°	117.2	118.2	118.2	119.1	118.2	119.1	122.1	125.1	127.1	128.1	130.1
77.5°	91.3	92.3	92.3	93.3	94.3	94.3	95.3	99.3	101.3	102.3	101.3
80°	67.5	68.5	68.5	69.5	70.5	71.5	71.5	73.5	76.5	77.4	77.4
82.5°	47.7	47.7	47.7	47.7	48.7	48.7	49.6	51.6	53.6	53.6	55.6
85°	28.8	28.8	27.8	28.8	27.8	28.8	29.8	31.8	32.8	32.8	33.8
87.5°	12.9	11.9	12.9	12.9	11.9	11.9	11.9	12.9	12.9	13.9	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: P571885

CATALOG NUMBER: 22ID-20-L835-SWR

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	722.8	722.8	722.8	722.8
2.5°	722.8	722.8	722.8	722.8
5°	720.8	720.8	720.8	720.8
7.5°	717.8	717.8	717.8	717.8
10°	713.9	714.9	714.9	714.9
12.5°	708.9	708.9	709.9	709.9
15°	703.0	703.0	703.0	703.9
17.5°	694.0	695.0	695.0	695.0
20°	684.1	685.1	685.1	684.1
22.5°	671.2	672.2	673.2	673.2
25°	658.3	660.3	661.3	661.3
27.5°	643.4	645.4	646.4	646.4
30°	627.5	629.5	629.5	629.5
32.5°	608.6	611.6	612.6	612.6
35°	588.8	592.7	593.7	593.7
37.5°	567.9	569.9	572.9	572.9
40°	545.1	547.1	550.1	550.1
42.5°	520.3	524.2	524.2	526.2
45°	493.5	497.4	498.4	500.4
47.5°	466.7	470.6	471.6	472.6
50°	437.9	440.8	443.8	443.8
52.5°	409.1	411.0	413.0	415.0
55°	378.3	381.3	382.3	384.2
57.5°	346.5	350.5	351.5	353.5
60°	315.7	318.7	320.7	321.7
62.5°	285.0	286.9	287.9	289.9
65°	251.2	254.2	254.2	256.2
67.5°	220.4	222.4	223.4	224.4
70°	187.7	191.6	192.6	194.6
72.5°	158.9	162.8	162.8	164.8
75°	133.0	134.0	134.0	136.0
77.5°	105.2	106.2	107.2	108.2
80°	79.4	80.4	80.4	82.4
82.5°	56.6	56.6	56.6	57.6
85°	34.8	33.8	32.8	33.8
87.5°	13.9	13.9	14.9	12.9
90°	0.0	0.0	0.0	0.0

TEST NUMBER: P571885

CATALOG NUMBER: 22ID-20-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	14.22	15.85	14.59	16.17	16.48	13.11	14.74	13.47	15.05	15.36
	3H	15.98	17.45	16.35	17.77	18.13	14.73	16.20	15.10	16.52	16.88
	4H	16.63	18.02	17.03	18.37	18.74	15.32	16.70	15.72	17.05	17.43
	6H	17.13	18.41	17.54	18.77	19.16	15.75	17.04	16.16	17.40	17.79
	8H	17.28	18.51	17.71	18.90	19.30	15.88	17.11	16.31	17.50	17.90
	12H	17.38	18.56	17.81	18.94	19.37	15.97	17.14	16.40	17.52	17.95
4H	2H	14.71	16.09	15.11	16.44	16.82	13.81	15.19	14.21	15.54	15.92
	3H	16.69	17.85	17.10	18.24	18.64	15.63	16.79	16.04	17.19	17.59
	4H	17.48	18.53	17.91	18.94	19.38	16.34	17.39	16.77	17.80	18.24
	6H	18.11	19.03	18.57	19.47	19.92	16.88	17.80	17.34	18.24	18.70
	8H	18.32	19.18	18.78	19.62	20.09	17.05	17.91	17.51	18.35	18.82
	12H	18.47	19.24	18.95	19.72	20.18	17.17	17.94	17.65	18.42	18.89
8H	4H	17.71	18.57	18.17	19.01	19.48	16.69	17.54	17.15	17.99	18.45
	6H	18.46	19.17	18.95	19.66	20.13	17.34	18.05	17.83	18.54	19.02
	8H	18.74	19.38	19.25	19.89	20.38	17.57	18.21	18.08	18.72	19.21
	12H	18.97	19.53	19.47	20.02	20.58	17.75	18.32	18.26	18.81	19.37
12H	4H	17.73	18.50	18.21	18.98	19.45	16.73	17.50	17.21	17.98	18.45
	6H	18.49	19.13	19.00	19.64	20.12	17.40	18.05	17.91	18.55	19.04
	8H	18.83	19.40	19.34	19.89	20.45	17.69	18.26	18.20	18.75	19.31

END OF REPORT