

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



Scaled data based on original data using
LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: CORELITE

Report Number: P1427570

Luminaire Tested: SQ2W-BBN-0U-075D-L930-UNV-STD-W-WM-4

Issue Date: 3/10/2026

Test Information

Test Method: LM-79-2024
Report Number: P1427570
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2303-941-3, G3-2308-130-1)
Test Lab: INNOVATION CENTER
Issue Date: 3/10/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ2W-BBN-0U-075D-L930-UNV-STD-W-WM-4
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE
DOWNLIGHT - BLACK DISCREET BAFFLE, NARROW 35-DEGREE OPTIC
UPLIGHT - ASYMMETRIC ROLL LENS
DOWNLIGHT 750 LUMENS PER FOOT
UPLIGHT N/A - DIRECT ONLY
Light Source: 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

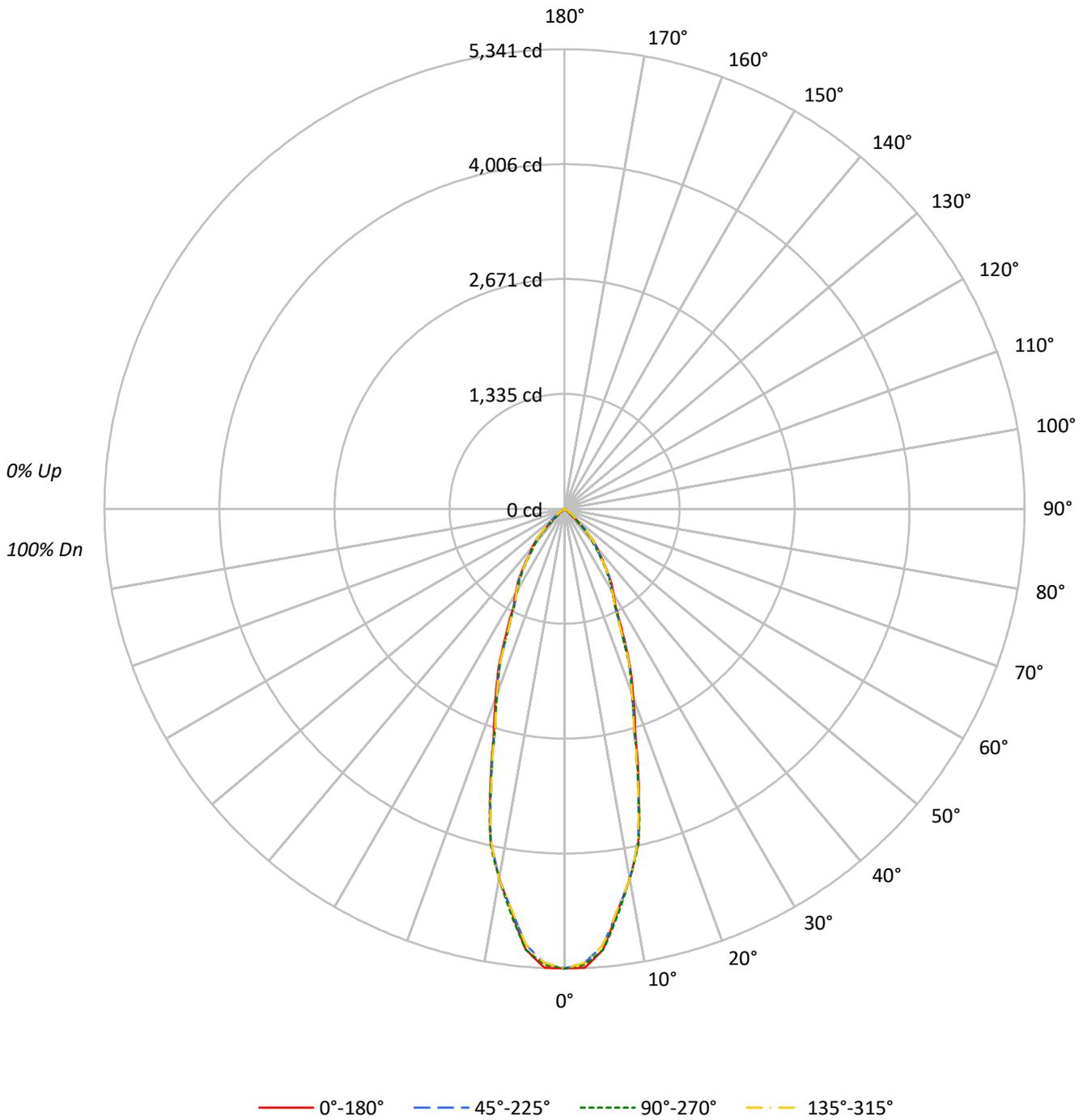
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2887.1 lumens
Efficiency: N/A
Efficacy: 104.6 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.62
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 27.6
Input Voltage (V): 120
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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CATALOG NUMBER: SQ2W-BBN-0U-075D-L930-UNV-STD-W-WM-4

Luminous Intensity Polar Plot





TEST NUMBER: P1427570

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20	
RC	80					70					50					30					10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100	
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94	94	94	94	
2	108	104	100	97	106	102	99	96	99	96	94	96	94	92	93	91	90	88	88	88	88	
3	103	97	93	89	101	96	92	88	93	90	87	91	88	85	89	86	84	82	82	82	82	
4	98	91	86	82	97	90	85	82	88	84	81	86	83	80	84	81	79	77	77	77	77	
5	94	86	80	76	92	85	80	76	83	79	75	82	78	75	80	77	74	73	73	73	73	
6	90	81	75	71	88	80	75	71	79	74	71	77	73	70	76	73	70	68	68	68	68	
7	85	77	71	67	84	76	71	67	75	70	66	74	69	66	72	69	66	64	64	64	64	
8	82	73	67	63	80	72	67	63	71	66	63	70	66	62	69	65	62	61	61	61	61	
9	78	69	63	60	77	69	63	60	68	63	59	67	62	59	66	62	59	58	58	58	58	
10	75	66	60	57	74	65	60	57	65	60	56	64	59	56	63	59	56	55	55	55	55	

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	86235	86235	86235	86235
5°	83351	83398	83351	83398
10°	71533	71533	71533	71533
15°	55523	55394	55523	55394
20°	40071	39212	40071	39212
25°	28413	27333	28413	27333
30°	21140	20403	21140	20403
35°	16448	15689	16448	15689
40°	12172	11118	12172	11118
45°	6220	5012	6220	5012
50°	1354	992	1354	992
55°	380	298	380	298
60°	61	32	61	32
65°	0	0	0	0
70°	0	0	0	0
75°	0	0	0	0
80°	0	0	0	0
85°	0	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 40°
 Vertical Angle: 45°
 Luminance: 7587 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	461.9	16.0
10°-20°	910.6	31.5
20°-30°	734.5	25.4
30°-40°	510.3	17.7
40°-50°	235.7	8.2
50°-60°	33.0	1.1
60°-70°	1.1	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	2107.0	73.0
0°-40°	2617.3	90.7
0°-60°	2886.0	100.0
0°-90°	2887.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2887.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	5341	5341	5341	5341	5341	
5°	5143	5146	5143	5146	5143	462
15°	3322	3314	3322	3314	3322	914
25°	1595	1534	1595	1534	1595	747
35°	834	796	834	796	834	522
45°	272	220	272	220	272	220
55°	14	11	14	11	14	17
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
0°	5341.1	5341.1	5341.1	5341.1	5341.1	5341.1	5341.1	5341.1	5341.1	5341.1	5341.1
2.5°	5338.0	5329.1	5320.2	5302.6	5282.1	5281.2	5300.0	5312.7	5306.9	5301.1	5306.9
5°	5142.8	5130.4	5118.0	5103.0	5087.2	5093.2	5121.0	5142.3	5144.0	5145.7	5144.0
7.5°	4712.0	4716.0	4720.0	4709.8	4694.7	4702.6	4733.4	4755.6	4752.3	4749.0	4752.3
10°	4363.2	4366.2	4369.2	4368.6	4366.9	4371.2	4381.5	4386.3	4374.7	4363.2	4374.7
12.5°	3958.9	3970.8	3982.7	3969.0	3946.7	3943.3	3958.7	3971.5	3976.4	3981.2	3976.4
15°	3321.7	3341.0	3360.2	3332.9	3290.2	3279.0	3299.6	3314.9	3314.4	3314.0	3314.4
17.5°	2724.2	2722.2	2720.2	2703.4	2681.6	2672.6	2676.4	2679.0	2677.7	2676.4	2677.7
20°	2332.2	2329.2	2326.2	2311.7	2293.3	2282.6	2279.6	2277.9	2280.0	2282.2	2280.0
22.5°	1996.5	1991.4	1986.4	1980.3	1973.9	1967.0	1959.5	1954.7	1957.5	1960.3	1957.5
25°	1594.9	1578.7	1562.4	1549.4	1537.4	1536.5	1546.8	1552.2	1543.3	1534.3	1543.3
27.5°	1280.2	1279.9	1279.7	1272.0	1261.8	1257.2	1258.4	1259.6	1261.3	1263.0	1261.3
30°	1133.9	1130.9	1127.9	1119.7	1109.9	1105.2	1105.6	1104.7	1099.5	1094.4	1099.5
32.5°	1003.7	1005.9	1008.0	999.4	987.1	979.9	977.6	974.5	969.4	964.3	969.4
35°	834.5	834.5	834.5	827.5	818.0	810.1	803.7	798.6	797.3	796.0	797.3
37.5°	677.6	676.9	676.1	670.9	664.2	656.3	647.3	639.6	636.3	633.0	636.3
40°	577.5	575.4	573.2	569.5	565.2	557.5	546.4	536.9	532.2	527.5	532.2
42.5°	463.6	469.3	475.0	473.2	469.0	461.3	450.1	440.0	432.9	425.8	432.9
45°	272.4	296.4	320.3	328.9	332.3	327.6	314.7	295.6	257.5	219.5	257.5
47.5°	117.0	143.4	169.7	191.9	212.6	206.0	172.2	139.0	107.3	75.7	107.3
50°	53.9	74.4	95.0	122.6	152.5	146.3	104.0	68.6	54.0	39.5	54.0
52.5°	31.6	41.8	52.1	77.9	108.9	106.1	69.6	40.2	32.5	24.8	32.5
55°	13.5	16.9	20.3	34.3	51.9	51.0	31.8	16.6	13.6	10.6	13.6
57.5°	5.0	6.9	8.8	13.8	19.9	19.5	12.6	7.1	5.6	4.0	5.6
60°	1.9	2.8	3.6	6.1	9.1	8.9	5.5	2.7	1.8	1.0	1.8
62.5°	0.4	0.9	1.4	2.8	4.4	4.3	2.6	1.2	0.7	0.2	0.7
65°	0.0	0.0	0.0	0.3	0.7	0.7	0.3	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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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CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
0°	5341.1	5341.1	5341.1	5341.1	5341.1	5341.1	5341.1	5341.1	5341.1	5341.1	5341.1
2.5°	5312.7	5300.0	5281.2	5282.1	5302.6	5320.2	5329.1	5338.0	5329.1	5320.2	5302.6
5°	5142.3	5121.0	5093.2	5087.2	5103.0	5118.0	5130.4	5142.8	5130.4	5118.0	5103.0
7.5°	4755.6	4733.4	4702.6	4694.7	4709.8	4720.0	4716.0	4712.0	4716.0	4720.0	4709.8
10°	4386.3	4381.5	4371.2	4366.9	4368.6	4369.2	4366.2	4363.2	4366.2	4369.2	4368.6
12.5°	3971.5	3958.7	3943.3	3946.7	3969.0	3982.7	3970.8	3958.9	3970.8	3982.7	3969.0
15°	3314.9	3299.6	3279.0	3290.2	3332.9	3360.2	3341.0	3321.7	3341.0	3360.2	3332.9
17.5°	2679.0	2676.4	2672.6	2681.6	2703.4	2720.2	2722.2	2724.2	2722.2	2720.2	2703.4
20°	2277.9	2279.6	2282.6	2293.3	2311.7	2326.2	2329.2	2332.2	2329.2	2326.2	2311.7
22.5°	1954.7	1959.5	1967.0	1973.9	1980.3	1986.4	1991.4	1996.5	1991.4	1986.4	1980.3
25°	1552.2	1546.8	1536.5	1537.4	1549.4	1562.4	1578.7	1594.9	1578.7	1562.4	1549.4
27.5°	1259.6	1258.4	1257.2	1261.8	1272.0	1279.7	1279.9	1280.2	1279.9	1279.7	1272.0
30°	1104.7	1105.6	1105.2	1109.9	1119.7	1127.9	1130.9	1133.9	1130.9	1127.9	1119.7
32.5°	974.5	977.6	979.9	987.1	999.4	1008.0	1005.9	1003.7	1005.9	1008.0	999.4
35°	798.6	803.7	810.1	818.0	827.5	834.5	834.5	834.5	834.5	834.5	827.5
37.5°	639.6	647.3	656.3	664.2	670.9	676.1	676.9	677.6	676.9	676.1	670.9
40°	536.9	546.4	557.5	565.2	569.5	573.2	575.4	577.5	575.4	573.2	569.5
42.5°	440.0	450.1	461.3	469.0	473.2	475.0	469.3	463.6	469.3	475.0	473.2
45°	295.6	314.7	327.6	332.3	328.9	320.3	296.4	272.4	296.4	320.3	328.9
47.5°	139.0	172.2	206.0	212.6	191.9	169.7	143.4	117.0	143.4	169.7	191.9
50°	68.6	104.0	146.3	152.5	122.6	95.0	74.4	53.9	74.4	95.0	122.6
52.5°	40.2	69.6	106.1	108.9	77.9	52.1	41.8	31.6	41.8	52.1	77.9
55°	16.6	31.8	51.0	51.9	34.3	20.3	16.9	13.5	16.9	20.3	34.3
57.5°	7.1	12.6	19.5	19.9	13.8	8.8	6.9	5.0	6.9	8.8	13.8
60°	2.7	5.5	8.9	9.1	6.1	3.6	2.8	1.9	2.8	3.6	6.1
62.5°	1.2	2.6	4.3	4.4	2.8	1.4	0.9	0.4	0.9	1.4	2.8
65°	0.0	0.3	0.7	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.3
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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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CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
0°	5341.1	5341.1	5341.1	5341.1	5341.1	5341.1	5341.1	5341.1	5341.1	5341.1	5341.1
2.5°	5282.1	5281.2	5300.0	5312.7	5306.9	5301.1	5306.9	5312.7	5300.0	5281.2	5282.1
5°	5087.2	5093.2	5121.0	5142.3	5144.0	5145.7	5144.0	5142.3	5121.0	5093.2	5087.2
7.5°	4694.7	4702.6	4733.4	4755.6	4752.3	4749.0	4752.3	4755.6	4733.4	4702.6	4694.7
10°	4366.9	4371.2	4381.5	4386.3	4374.7	4363.2	4374.7	4386.3	4381.5	4371.2	4366.9
12.5°	3946.7	3943.3	3958.7	3971.5	3976.4	3981.2	3976.4	3971.5	3958.7	3943.3	3946.7
15°	3290.2	3279.0	3299.6	3314.9	3314.4	3314.0	3314.4	3314.9	3299.6	3279.0	3290.2
17.5°	2681.6	2672.6	2676.4	2679.0	2677.7	2676.4	2677.7	2679.0	2676.4	2672.6	2681.6
20°	2293.3	2282.6	2279.6	2277.9	2280.0	2282.2	2280.0	2277.9	2279.6	2282.6	2293.3
22.5°	1973.9	1967.0	1959.5	1954.7	1957.5	1960.3	1957.5	1954.7	1959.5	1967.0	1973.9
25°	1537.4	1536.5	1546.8	1552.2	1543.3	1534.3	1543.3	1552.2	1546.8	1536.5	1537.4
27.5°	1261.8	1257.2	1258.4	1259.6	1261.3	1263.0	1261.3	1259.6	1258.4	1257.2	1261.8
30°	1109.9	1105.2	1105.6	1104.7	1099.5	1094.4	1099.5	1104.7	1105.6	1105.2	1109.9
32.5°	987.1	979.9	977.6	974.5	969.4	964.3	969.4	974.5	977.6	979.9	987.1
35°	818.0	810.1	803.7	798.6	797.3	796.0	797.3	798.6	803.7	810.1	818.0
37.5°	664.2	656.3	647.3	639.6	636.3	633.0	636.3	639.6	647.3	656.3	664.2
40°	565.2	557.5	546.4	536.9	532.2	527.5	532.2	536.9	546.4	557.5	565.2
42.5°	469.0	461.3	450.1	440.0	432.9	425.8	432.9	440.0	450.1	461.3	469.0
45°	332.3	327.6	314.7	295.6	257.5	219.5	257.5	295.6	314.7	327.6	332.3
47.5°	212.6	206.0	172.2	139.0	107.3	75.7	107.3	139.0	172.2	206.0	212.6
50°	152.5	146.3	104.0	68.6	54.0	39.5	54.0	68.6	104.0	146.3	152.5
52.5°	108.9	106.1	69.6	40.2	32.5	24.8	32.5	40.2	69.6	106.1	108.9
55°	51.9	51.0	31.8	16.6	13.6	10.6	13.6	16.6	31.8	51.0	51.9
57.5°	19.9	19.5	12.6	7.1	5.6	4.0	5.6	7.1	12.6	19.5	19.9
60°	9.1	8.9	5.5	2.7	1.8	1.0	1.8	2.7	5.5	8.9	9.1
62.5°	4.4	4.3	2.6	1.2	0.7	0.2	0.7	1.2	2.6	4.3	4.4
65°	0.7	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.7	0.7
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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: P1427570

CATALOG NUMBER: SQ2W-BBN-OU-075D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
0°	5341.1	5341.1	5341.1	5341.1
2.5°	5302.6	5320.2	5329.1	5338.0
5°	5103.0	5118.0	5130.4	5142.8
7.5°	4709.8	4720.0	4716.0	4712.0
10°	4368.6	4369.2	4366.2	4363.2
12.5°	3969.0	3982.7	3970.8	3958.9
15°	3332.9	3360.2	3341.0	3321.7
17.5°	2703.4	2720.2	2722.2	2724.2
20°	2311.7	2326.2	2329.2	2332.2
22.5°	1980.3	1986.4	1991.4	1996.5
25°	1549.4	1562.4	1578.7	1594.9
27.5°	1272.0	1279.7	1279.9	1280.2
30°	1119.7	1127.9	1130.9	1133.9
32.5°	999.4	1008.0	1005.9	1003.7
35°	827.5	834.5	834.5	834.5
37.5°	670.9	676.1	676.9	677.6
40°	569.5	573.2	575.4	577.5
42.5°	473.2	475.0	469.3	463.6
45°	328.9	320.3	296.4	272.4
47.5°	191.9	169.7	143.4	117.0
50°	122.6	95.0	74.4	53.9
52.5°	77.9	52.1	41.8	31.6
55°	34.3	20.3	16.9	13.5
57.5°	13.8	8.8	6.9	5.0
60°	6.1	3.6	2.8	1.9
62.5°	2.8	1.4	0.9	0.4
65°	0.3	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0



TEST NUMBER: P1427570
 CATALOG NUMBER: SQ2W-BBN-0U-075D-L930-UNV-STD-W-WM-4

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	3H	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	4H	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	6H	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	8H	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	12H	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4H	2H	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	3H	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	4H	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	6H	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	8H	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	12H	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8H	4H	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	6H	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	8H	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	12H	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12H	4H	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	6H	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	8H	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00