

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: P1428581

Luminaire Tested: SQ2W-WBN-0U-100D-L930-UNV-STD-W-WM-4

Issue Date: 3/10/2026

Test Information

Test Method: LM-79-2019
Report Number: P1428581
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2303-941-3, G3-2308-130-2)
Test Lab: INNOVATION CENTER
Issue Date: 3/10/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ2W-WBN-0U-100D-L930-UNV-STD-W-WM-4
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE
DOWNLIGHT - WHITE DISCREET BAFFLE, NARROW 35-DEGREE OPTIC
UPLIGHT - ASYMMETRIC ROLL LENS
DOWNLIGHT 1000 LUMENS PER FOOT
UPLIGHT N/A - DIRECT ONLY
Light Source: 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

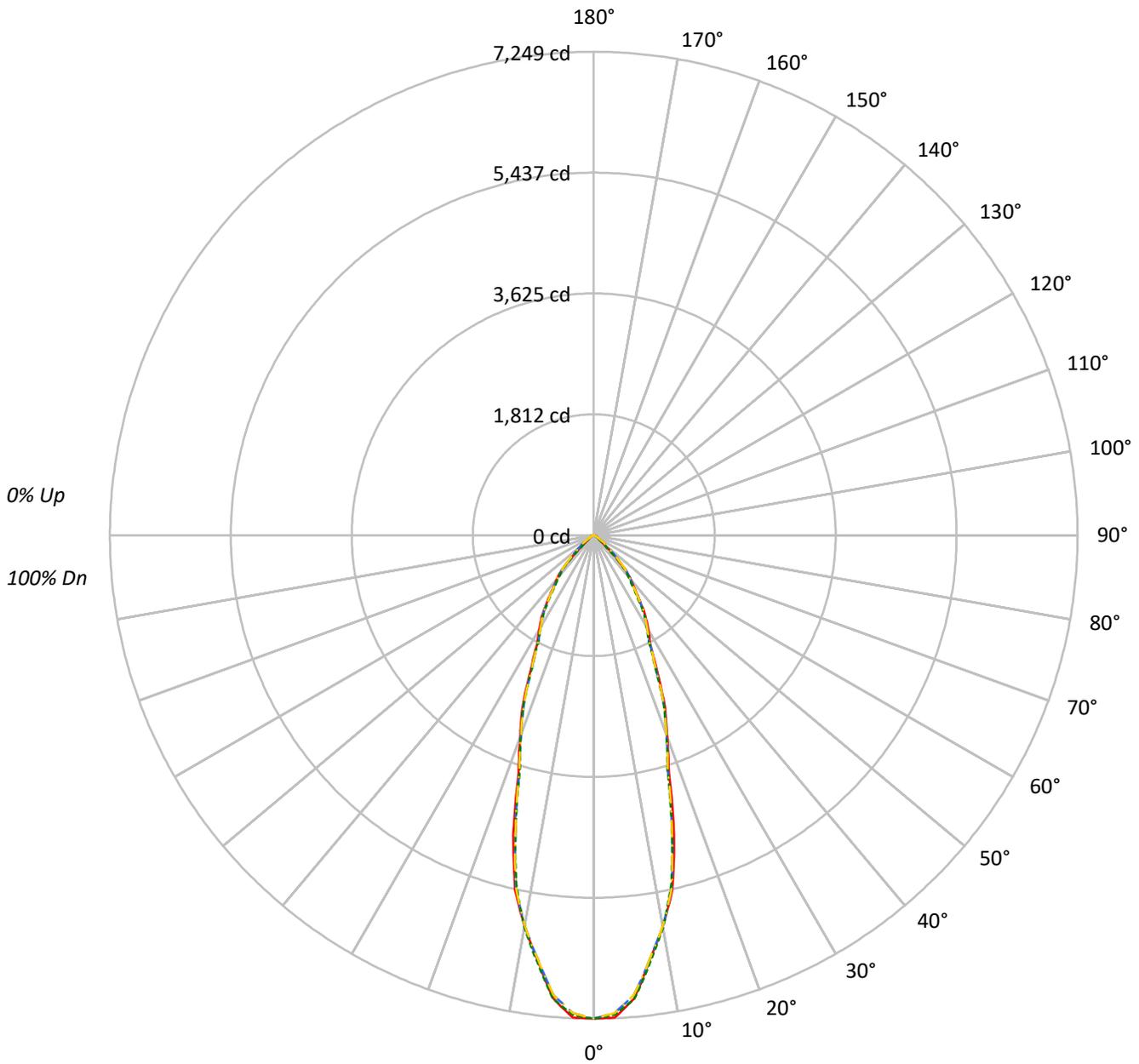
Lumens per Lamp: N/A
Luminaire Lumens: 4209.4 lumens
Efficiency: N/A
Efficacy: 110.5 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.58 / 0.63
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 38.1
Input Voltage (V): 120
Input Current (A_{in}): 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



— 0°-180° - - 45°-225° - · - · 90°-270° - · - · 135°-315°



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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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	113	111	108	106	111	108	106	104	104	103	101	101	99	98	97	96	95	93
2	108	103	99	95	105	101	97	94	98	95	92	95	92	90	92	90	88	87
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	84	82	81
4	97	90	84	80	95	88	83	79	86	82	78	84	81	78	82	79	77	75
5	92	84	78	74	91	83	78	74	81	77	73	80	76	72	78	75	72	70
6	88	79	73	69	86	78	73	69	77	72	68	75	71	68	74	70	67	66
7	84	75	69	64	82	74	68	64	73	68	64	71	67	64	70	66	63	62
8	80	71	65	61	79	70	64	60	69	64	60	68	63	60	67	63	60	58
9	76	67	61	57	75	66	61	57	65	60	57	65	60	57	64	60	57	55
10	73	64	58	54	72	63	58	54	62	57	54	62	57	54	61	57	54	52

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	117039	117039	117039	117039
5°	113006	113131	113006	113131
10°	97678	97910	97678	97910
15°	77727	75577	77727	75577
20°	55217	54885	55217	54885
25°	39725	38670	39725	38670
30°	30351	29466	30351	29466
35°	23826	22812	23826	22812
40°	18052	16939	18052	16939
45°	10101	9015	10101	9015
50°	3554	3132	3554	3132
55°	2173	2063	2173	2063
60°	1660	1537	1660	1537
65°	1524	1425	1524	1425
70°	1459	1336	1459	1336
75°	1366	1285	1366	1285
80°	1199	1199	1199	1199
85°	1186	945	1186	945

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 40°
 Vertical Angle: 45°
 Luminance: 11976 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	629.3	14.9
10°-20°	1250.6	29.7
20°-30°	1035.7	24.6
30°-40°	745.1	17.7
40°-50°	379.5	9.0
50°-60°	98.7	2.3
60°-70°	41.0	1.0
70°-80°	22.8	0.5
80°-90°	6.8	0.2
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°	2915.6	69.3
0°-40°	3660.7	87.0
0°-60°	4138.9	98.3
0°-90°	4209.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4209.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	7249	7249	7249	7249	7249	
5°	6973	6980	6973	6980	6973	629
15°	4650	4522	4650	4522	4650	1262
25°	2230	2171	2230	2171	2230	1049
35°	1209	1157	1209	1157	1209	759
45°	442	395	442	395	442	354
55°	77	73	77	73	77	76
65°	40	37	40	37	40	40
75°	22	21	22	21	22	23
85°	6	5	6	5	6	7
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°	7249.0	7249.0	7249.0	7249.0	7249.0	7249.0	7249.0	7249.0	7249.0	7249.0	7249.0
2.5°	7237.7	7232.2	7226.8	7202.4	7171.8	7169.3	7194.9	7212.5	7206.1	7199.7	7206.1
5°	6972.6	6968.0	6963.4	6942.6	6916.3	6925.4	6970.0	7000.9	6990.6	6980.3	6990.6
7.5°	6425.0	6428.9	6432.8	6422.1	6406.5	6418.5	6457.9	6484.8	6473.8	6462.8	6473.8
10°	5957.9	5968.2	5978.5	5963.9	5941.1	5958.5	6016.2	6049.8	6010.9	5972.1	6010.9
12.5°	5442.5	5435.9	5429.2	5415.9	5400.4	5397.2	5406.5	5408.1	5386.6	5365.1	5386.6
15°	4650.1	4626.1	4602.1	4565.2	4524.1	4510.6	4524.9	4534.1	4527.8	4521.5	4527.8
17.5°	3745.5	3754.8	3764.1	3739.1	3702.8	3683.9	3682.5	3679.7	3672.6	3665.5	3672.6
20°	3213.7	3216.5	3219.4	3203.8	3182.1	3176.9	3188.4	3196.7	3195.5	3194.4	3195.5
22.5°	2785.7	2786.3	2786.8	2766.2	2738.6	2733.2	2750.1	2760.2	2749.9	2739.6	2749.9
25°	2229.9	2228.2	2226.5	2212.7	2195.0	2181.9	2173.3	2167.3	2169.0	2170.7	2169.0
27.5°	1828.7	1821.6	1814.5	1802.8	1789.5	1785.7	1791.5	1794.7	1790.5	1786.2	1790.5
30°	1628.0	1622.3	1616.6	1604.9	1591.2	1586.0	1589.5	1590.8	1585.6	1580.5	1585.6
32.5°	1448.0	1448.2	1448.5	1437.9	1423.7	1415.8	1414.2	1412.1	1408.3	1404.5	1408.3
35°	1208.8	1212.2	1215.7	1207.1	1194.5	1184.0	1175.4	1167.7	1162.5	1157.4	1162.5
37.5°	995.3	998.5	1001.7	994.6	983.9	972.3	959.8	949.3	944.9	940.6	944.9
40°	856.5	858.7	861.0	856.0	848.6	837.5	822.6	810.6	807.2	803.7	807.2
42.5°	705.2	714.8	724.4	721.3	713.8	703.1	689.2	676.9	669.3	661.8	669.3
45°	442.4	472.7	503.0	516.5	524.5	520.8	505.4	482.8	438.8	394.8	438.8
47.5°	223.8	265.7	307.7	337.8	364.0	355.6	312.7	269.8	226.6	183.4	226.6
50°	141.5	170.6	199.8	236.6	276.1	267.5	210.9	163.6	144.2	124.7	144.2
52.5°	108.5	123.5	138.5	173.5	215.2	211.2	161.5	121.5	110.8	100.0	110.8
55°	77.2	82.9	88.6	108.0	132.0	130.6	103.7	82.4	77.9	73.3	77.9
57.5°	59.7	62.9	66.1	73.3	81.9	81.1	70.9	62.6	59.7	56.8	59.7
60°	51.4	53.7	56.0	59.6	63.6	63.0	57.9	53.3	50.4	47.6	50.4
62.5°	46.3	47.7	49.0	50.7	52.4	51.6	48.3	45.5	44.5	43.5	44.5
65°	39.9	40.4	41.0	41.2	41.2	40.6	39.4	38.4	37.9	37.3	37.9
67.5°	33.9	34.5	35.1	35.2	35.0	34.7	34.1	33.5	33.0	32.4	33.0
70°	30.9	31.4	32.0	31.7	31.1	30.6	30.0	29.4	28.9	28.3	28.9
72.5°	26.7	27.3	27.9	27.6	27.0	26.7	26.6	26.3	25.8	25.2	25.8
75°	21.9	21.9	21.9	21.9	21.9	21.6	21.0	20.6	20.6	20.6	20.6
77.5°	17.0	17.1	17.2	16.8	16.2	15.9	15.9	15.8	15.4	14.9	15.4
80°	12.9	13.4	14.0	13.7	13.1	12.9	12.9	12.9	12.9	12.9	12.9
82.5°	10.8	10.9	11.0	10.6	10.1	9.8	9.8	9.8	9.8	9.8	9.8
85°	6.4	6.4	6.4	6.0	5.4	5.4	6.0	6.3	5.7	5.1	5.7
87.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
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°	7249.0	7249.0	7249.0	7249.0	7249.0	7249.0	7249.0	7249.0	7249.0	7249.0	7249.0
2.5°	7212.5	7194.9	7169.3	7171.8	7202.4	7226.8	7232.2	7237.7	7232.2	7226.8	7202.4
5°	7000.9	6970.0	6925.4	6916.3	6942.6	6963.4	6968.0	6972.6	6968.0	6963.4	6942.6
7.5°	6484.8	6457.9	6418.5	6406.5	6422.1	6432.8	6428.9	6425.0	6428.9	6432.8	6422.1
10°	6049.8	6016.2	5958.5	5941.1	5963.9	5978.5	5968.2	5957.9	5968.2	5978.5	5963.9
12.5°	5408.1	5406.5	5397.2	5400.4	5415.9	5429.2	5435.9	5442.5	5435.9	5429.2	5415.9
15°	4534.1	4524.9	4510.6	4524.1	4565.2	4602.1	4626.1	4650.1	4626.1	4602.1	4565.2
17.5°	3679.7	3682.5	3683.9	3702.8	3739.1	3764.1	3754.8	3745.5	3754.8	3764.1	3739.1
20°	3196.7	3188.4	3176.9	3182.1	3203.8	3219.4	3216.5	3213.7	3216.5	3219.4	3203.8
22.5°	2760.2	2750.1	2733.2	2738.6	2766.2	2786.8	2786.3	2785.7	2786.3	2786.8	2766.2
25°	2167.3	2173.3	2181.9	2195.0	2212.7	2226.5	2228.2	2229.9	2228.2	2226.5	2212.7
27.5°	1794.7	1791.5	1785.7	1789.5	1802.8	1814.5	1821.6	1828.7	1821.6	1814.5	1802.8
30°	1590.8	1589.5	1586.0	1591.2	1604.9	1616.6	1622.3	1628.0	1622.3	1616.6	1604.9
32.5°	1412.1	1414.2	1415.8	1423.7	1437.9	1448.5	1448.2	1448.0	1448.2	1448.5	1437.9
35°	1167.7	1175.4	1184.0	1194.5	1207.1	1215.7	1212.2	1208.8	1212.2	1215.7	1207.1
37.5°	949.3	959.8	972.3	983.9	994.6	1001.7	998.5	995.3	998.5	1001.7	994.6
40°	810.6	822.6	837.5	848.6	856.0	861.0	858.7	856.5	858.7	861.0	856.0
42.5°	676.9	689.2	703.1	713.8	721.3	724.4	714.8	705.2	714.8	724.4	721.3
45°	482.8	505.4	520.8	524.5	516.5	503.0	472.7	442.4	472.7	503.0	516.5
47.5°	269.8	312.7	355.6	364.0	337.8	307.7	265.7	223.8	265.7	307.7	337.8
50°	163.6	210.9	267.5	276.1	236.6	199.8	170.6	141.5	170.6	199.8	236.6
52.5°	121.5	161.5	211.2	215.2	173.5	138.5	123.5	108.5	123.5	138.5	173.5
55°	82.4	103.7	130.6	132.0	108.0	88.6	82.9	77.2	82.9	88.6	108.0
57.5°	62.6	70.9	81.1	81.9	73.3	66.1	62.9	59.7	62.9	66.1	73.3
60°	53.3	57.9	63.0	63.6	59.6	56.0	53.7	51.4	53.7	56.0	59.6
62.5°	45.5	48.3	51.6	52.4	50.7	49.0	47.7	46.3	47.7	49.0	50.7
65°	38.4	39.4	40.6	41.2	41.2	41.0	40.4	39.9	40.4	41.0	41.2
67.5°	33.5	34.1	34.7	35.0	35.2	35.1	34.5	33.9	34.5	35.1	35.2
70°	29.4	30.0	30.6	31.1	31.7	32.0	31.4	30.9	31.4	32.0	31.7
72.5°	26.3	26.6	26.7	27.0	27.6	27.9	27.3	26.7	27.3	27.9	27.6
75°	20.6	21.0	21.6	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
77.5°	15.8	15.9	15.9	16.2	16.8	17.2	17.1	17.0	17.1	17.2	16.8
80°	12.9	12.9	12.9	13.1	13.7	14.0	13.4	12.9	13.4	14.0	13.7
82.5°	9.8	9.8	9.8	10.1	10.6	11.0	10.9	10.8	10.9	11.0	10.6
85°	6.3	6.0	5.4	5.4	6.0	6.4	6.4	6.4	6.4	6.4	6.0
87.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
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°	7249.0	7249.0	7249.0	7249.0	7249.0	7249.0	7249.0	7249.0	7249.0	7249.0	7249.0
2.5°	7171.8	7169.3	7194.9	7212.5	7206.1	7199.7	7206.1	7212.5	7194.9	7169.3	7171.8
5°	6916.3	6925.4	6970.0	7000.9	6990.6	6980.3	6990.6	7000.9	6970.0	6925.4	6916.3
7.5°	6406.5	6418.5	6457.9	6484.8	6473.8	6462.8	6473.8	6484.8	6457.9	6418.5	6406.5
10°	5941.1	5958.5	6016.2	6049.8	6010.9	5972.1	6010.9	6049.8	6016.2	5958.5	5941.1
12.5°	5400.4	5397.2	5406.5	5408.1	5386.6	5365.1	5386.6	5408.1	5406.5	5397.2	5400.4
15°	4524.1	4510.6	4524.9	4534.1	4527.8	4521.5	4527.8	4534.1	4524.9	4510.6	4524.1
17.5°	3702.8	3683.9	3682.5	3679.7	3672.6	3665.5	3672.6	3679.7	3682.5	3683.9	3702.8
20°	3182.1	3176.9	3188.4	3196.7	3195.5	3194.4	3195.5	3196.7	3188.4	3176.9	3182.1
22.5°	2738.6	2733.2	2750.1	2760.2	2749.9	2739.6	2749.9	2760.2	2750.1	2733.2	2738.6
25°	2195.0	2181.9	2173.3	2167.3	2169.0	2170.7	2169.0	2167.3	2173.3	2181.9	2195.0
27.5°	1789.5	1785.7	1791.5	1794.7	1790.5	1786.2	1790.5	1794.7	1791.5	1785.7	1789.5
30°	1591.2	1586.0	1589.5	1590.8	1585.6	1580.5	1585.6	1590.8	1589.5	1586.0	1591.2
32.5°	1423.7	1415.8	1414.2	1412.1	1408.3	1404.5	1408.3	1412.1	1414.2	1415.8	1423.7
35°	1194.5	1184.0	1175.4	1167.7	1162.5	1157.4	1162.5	1167.7	1175.4	1184.0	1194.5
37.5°	983.9	972.3	959.8	949.3	944.9	940.6	944.9	949.3	959.8	972.3	983.9
40°	848.6	837.5	822.6	810.6	807.2	803.7	807.2	810.6	822.6	837.5	848.6
42.5°	713.8	703.1	689.2	676.9	669.3	661.8	669.3	676.9	689.2	703.1	713.8
45°	524.5	520.8	505.4	482.8	438.8	394.8	438.8	482.8	505.4	520.8	524.5
47.5°	364.0	355.6	312.7	269.8	226.6	183.4	226.6	269.8	312.7	355.6	364.0
50°	276.1	267.5	210.9	163.6	144.2	124.7	144.2	163.6	210.9	267.5	276.1
52.5°	215.2	211.2	161.5	121.5	110.8	100.0	110.8	121.5	161.5	211.2	215.2
55°	132.0	130.6	103.7	82.4	77.9	73.3	77.9	82.4	103.7	130.6	132.0
57.5°	81.9	81.1	70.9	62.6	59.7	56.8	59.7	62.6	70.9	81.1	81.9
60°	63.6	63.0	57.9	53.3	50.4	47.6	50.4	53.3	57.9	63.0	63.6
62.5°	52.4	51.6	48.3	45.5	44.5	43.5	44.5	45.5	48.3	51.6	52.4
65°	41.2	40.6	39.4	38.4	37.9	37.3	37.9	38.4	39.4	40.6	41.2
67.5°	35.0	34.7	34.1	33.5	33.0	32.4	33.0	33.5	34.1	34.7	35.0
70°	31.1	30.6	30.0	29.4	28.9	28.3	28.9	29.4	30.0	30.6	31.1
72.5°	27.0	26.7	26.6	26.3	25.8	25.2	25.8	26.3	26.6	26.7	27.0
75°	21.9	21.6	21.0	20.6	20.6	20.6	20.6	20.6	21.0	21.6	21.9
77.5°	16.2	15.9	15.9	15.8	15.4	14.9	15.4	15.8	15.9	15.9	16.2
80°	13.1	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	13.1
82.5°	10.1	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	10.1
85°	5.4	5.4	6.0	6.3	5.7	5.1	5.7	6.3	6.0	5.4	5.4
87.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
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: P1428581

CATALOG NUMBER: SQ2W-WBN-0U-100D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
0°	7249.0	7249.0	7249.0	7249.0
2.5°	7202.4	7226.8	7232.2	7237.7
5°	6942.6	6963.4	6968.0	6972.6
7.5°	6422.1	6432.8	6428.9	6425.0
10°	5963.9	5978.5	5968.2	5957.9
12.5°	5415.9	5429.2	5435.9	5442.5
15°	4565.2	4602.1	4626.1	4650.1
17.5°	3739.1	3764.1	3754.8	3745.5
20°	3203.8	3219.4	3216.5	3213.7
22.5°	2766.2	2786.8	2786.3	2785.7
25°	2212.7	2226.5	2228.2	2229.9
27.5°	1802.8	1814.5	1821.6	1828.7
30°	1604.9	1616.6	1622.3	1628.0
32.5°	1437.9	1448.5	1448.2	1448.0
35°	1207.1	1215.7	1212.2	1208.8
37.5°	994.6	1001.7	998.5	995.3
40°	856.0	861.0	858.7	856.5
42.5°	721.3	724.4	714.8	705.2
45°	516.5	503.0	472.7	442.4
47.5°	337.8	307.7	265.7	223.8
50°	236.6	199.8	170.6	141.5
52.5°	173.5	138.5	123.5	108.5
55°	108.0	88.6	82.9	77.2
57.5°	73.3	66.1	62.9	59.7
60°	59.6	56.0	53.7	51.4
62.5°	50.7	49.0	47.7	46.3
65°	41.2	41.0	40.4	39.9
67.5°	35.2	35.1	34.5	33.9
70°	31.7	32.0	31.4	30.9
72.5°	27.6	27.9	27.3	26.7
75°	21.9	21.9	21.9	21.9
77.5°	16.8	17.2	17.1	17.0
80°	13.7	14.0	13.4	12.9
82.5°	10.6	11.0	10.9	10.8
85°	6.0	6.4	6.4	6.4
87.5°	2.1	2.1	2.1	2.1
90°	0.0	0.0	0.0	0.0



TEST NUMBER: P1428581
 CATALOG NUMBER: SQ2W-WBN-0U-100D-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	7.02	8.08	7.39	8.39	8.71	6.65	7.71	7.01	8.02	8.33
	3H	8.25	9.19	8.64	9.52	9.89	7.87	8.80	8.25	9.13	9.50
	4H	8.79	9.65	9.19	10.00	10.39	8.39	9.25	8.80	9.61	10.00
	6H	9.14	9.93	9.56	10.31	10.70	8.73	9.52	9.15	9.89	10.29
	8H	9.30	10.04	9.73	10.43	10.84	8.88	9.62	9.31	10.01	10.42
	12H	9.39	10.10	9.83	10.49	10.92	8.95	9.66	9.39	10.04	10.47
4H	2H	7.36	8.23	7.77	8.58	8.97	7.05	7.92	7.46	8.27	8.66
	3H	8.87	9.57	9.28	9.97	10.38	8.53	9.23	8.94	9.64	10.04
	4H	9.51	10.14	9.95	10.56	11.01	9.16	9.79	9.60	10.21	10.66
	6H	10.01	10.54	10.48	10.99	11.46	9.63	10.16	10.09	10.61	11.08
	8H	10.21	10.71	10.69	11.16	11.63	9.82	10.31	10.29	10.76	11.24
	12H	10.36	10.79	10.85	11.28	11.75	9.93	10.36	10.42	10.85	11.33
8H	4H	9.67	10.17	10.15	10.62	11.10	9.36	9.86	9.84	10.31	10.78
	6H	10.30	10.70	10.81	11.20	11.69	9.95	10.35	10.46	10.85	11.34
	8H	10.61	10.96	11.14	11.48	11.98	10.23	10.59	10.76	11.11	11.60
	12H	10.84	11.15	11.37	11.65	12.23	10.44	10.75	10.96	11.25	11.83
12H	4H	9.66	10.09	10.15	10.58	11.06	9.36	9.79	9.85	10.28	10.76
	6H	10.33	10.68	10.86	11.20	11.70	9.99	10.35	10.52	10.87	11.36
	8H	10.69	11.00	11.21	11.49	12.07	10.33	10.64	10.85	11.13	11.71