

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: P1428498

Luminaire Tested: SQ2W-WBM-0U-100D-L935-UNV-STD-W-WM-4

Issue Date: 3/10/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1428498  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2303-941-3, G3-2104-222-6)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/10/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ2W-WBM-0U-100D-L935-UNV-STD-W-WM-4  
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE  
DOWNLIGHT - WHITE DISCREET BAFFLE, MEDIUM 80-DEGREE OPTIC  
UPLIGHT - ASYMMETRIC ROLL LENS  
DOWNLIGHT 1000 LUMENS PER FOOT  
UPLIGHT N/A - DIRECT ONLY  
Light Source: 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

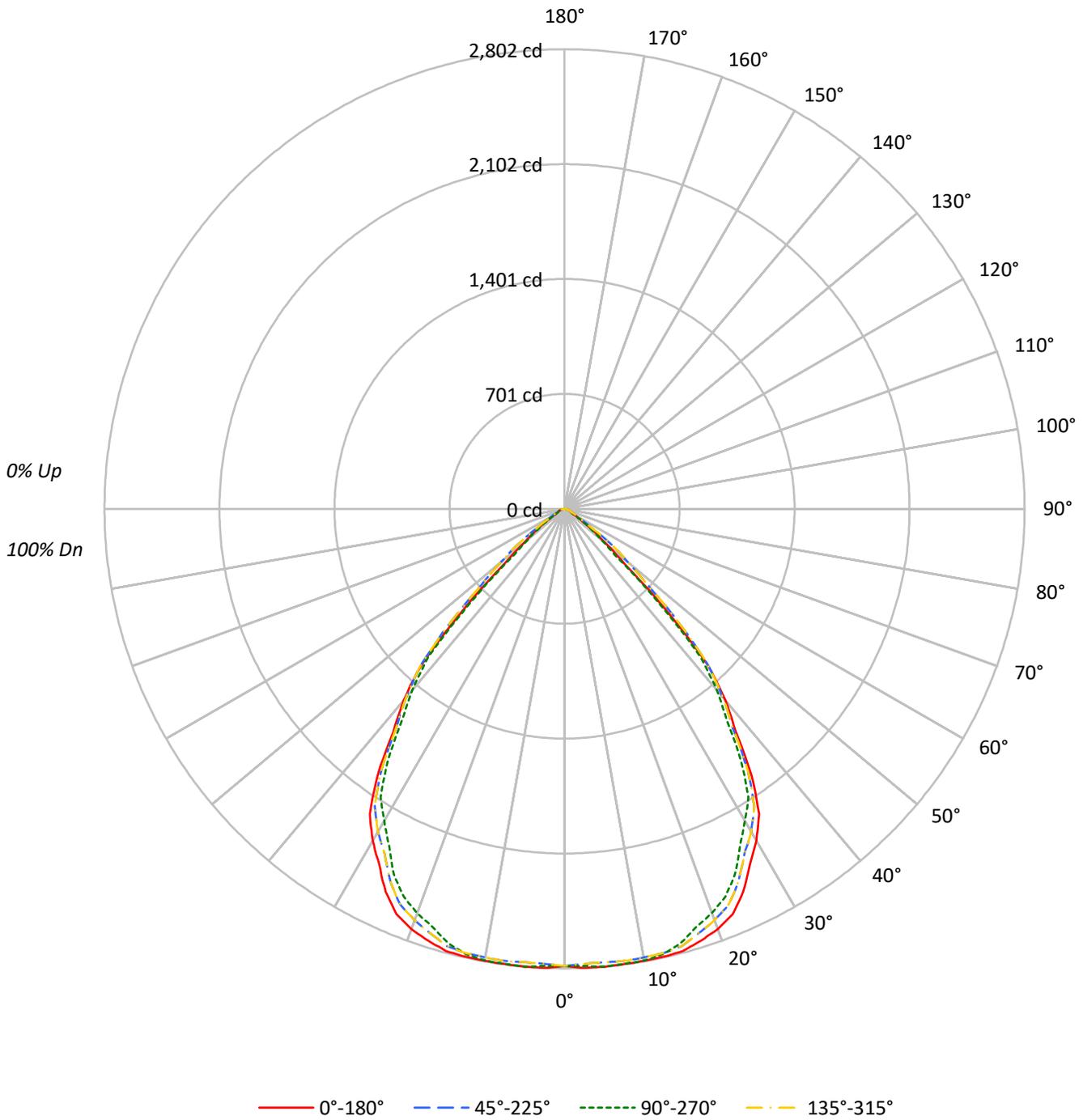
Lumens per Lamp: N/A  
Luminaire Lumens: 4360.0 lumens  
Efficiency: N/A  
Efficacy: 114.4 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.18 / 1.17  
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')  
CIE Type: Direct

Input Watts (W): 38.1  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): 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: P1428498

CATALOG NUMBER: SQ2W-WBM-0U-100D-L935-UNV-STD-W-WM-4

### Luminous Intensity Polar Plot





TEST NUMBER: P1428498

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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
1	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91				91
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	87	85	83				83
3	99	92	86	81	97	90	85	80	87	83	79	85	81	78	83	79	77	75				75
4	93	84	78	73	91	83	77	72	81	75	71	79	74	70	77	73	70	68				68
5	87	77	70	65	85	76	70	65	74	69	65	73	68	64	71	67	63	62				62
6	82	71	64	59	80	70	64	59	69	63	59	67	62	58	66	61	58	56				56
7	77	66	59	54	75	65	59	54	64	58	54	63	57	53	61	57	53	51				51
8	72	61	54	49	71	61	54	49	59	53	49	58	53	49	57	52	49	47				47
9	68	57	50	45	67	56	50	45	55	49	45	54	49	45	53	48	45	43				43
10	64	53	46	42	63	53	46	42	52	46	42	51	45	42	50	45	41	40				40

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	45004	45004	45004	45004
5°	45414	45392	45414	45392
10°	45872	45851	45872	45851
15°	46635	45809	46635	45809
20°	46858	45068	46858	45068
25°	45894	43799	45894	43799
30°	43545	40954	43545	40954
35°	39164	36950	39164	36950
40°	32106	30416	32106	30416
45°	20075	18856	20075	18856
50°	7854	7184	7854	7184
55°	3873	3837	3873	3837
60°	1812	1640	1812	1640
65°	1635	1532	1635	1532
70°	1577	1515	1577	1515
75°	1584	1416	1584	1416
80°	1488	1367	1488	1367
85°	1482	1241	1482	1241

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 30°  
 Vertical Angle: 45°  
 Luminance: 22852 cd/sqm

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	266.5	6.1
10°-20°	779.3	17.9
20°-30°	1152.2	26.4
30°-40°	1192.1	27.3
40°-50°	717.1	16.4
50°-60°	171.4	3.9
60°-70°	46.9	1.1
70°-80°	26.2	0.6
80°-90°	8.3	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°	2198.0	50.4
0°-40°	3390.1	77.8
0°-60°	4278.6	98.1
0°-90°	4360.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4360.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2787	2787	2787	2787	2787	
5°	2802	2801	2802	2801	2802	267
15°	2790	2741	2790	2741	2790	786
25°	2576	2459	2576	2459	2576	1178
35°	1987	1875	1987	1875	1987	1220
45°	879	826	879	826	879	680
55°	138	136	138	136	138	138
65°	43	40	43	40	43	43
75°	25	23	25	23	25	26
85°	8	7	8	7	8	8
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°	2787.4	2787.4	2787.4	2787.4	2787.4	2787.4	2787.4	2787.4	2787.4	2787.4	2787.4
2.5°	2801.3	2797.9	2794.6	2786.3	2776.3	2776.5	2787.0	2794.2	2791.9	2789.5	2791.9
5°	2802.1	2797.9	2793.7	2784.2	2773.0	2775.6	2792.3	2804.3	2802.5	2800.7	2802.5
7.5°	2799.1	2797.3	2795.6	2788.6	2779.9	2781.9	2794.5	2803.2	2800.5	2797.8	2800.5
10°	2798.0	2798.6	2799.2	2790.0	2777.6	2777.9	2790.9	2800.3	2798.5	2796.7	2798.5
12.5°	2797.0	2801.8	2806.7	2794.3	2776.1	2772.2	2782.4	2789.0	2784.8	2780.7	2784.8
15°	2790.0	2799.5	2809.0	2792.3	2766.7	2754.0	2754.0	2752.5	2746.5	2740.6	2746.5
17.5°	2760.4	2771.6	2782.9	2760.2	2726.1	2704.5	2695.3	2686.7	2679.4	2672.2	2679.4
20°	2727.2	2738.5	2749.8	2722.8	2683.0	2655.7	2640.8	2628.9	2626.0	2623.0	2626.0
22.5°	2674.8	2687.1	2699.3	2670.4	2627.8	2598.3	2582.0	2568.6	2563.7	2558.9	2563.7
25°	2576.2	2585.7	2595.2	2565.1	2521.7	2494.1	2482.3	2471.7	2465.2	2458.6	2465.2
27.5°	2444.8	2450.0	2455.2	2426.0	2385.4	2358.3	2344.8	2332.4	2323.4	2314.3	2323.4
30°	2335.7	2338.1	2340.5	2317.0	2284.9	2260.0	2242.2	2225.3	2211.0	2196.7	2211.0
32.5°	2206.4	2208.7	2211.1	2190.5	2162.2	2139.7	2122.8	2107.3	2095.9	2084.5	2095.9
35°	1987.0	1985.8	1984.6	1971.4	1954.1	1935.7	1916.1	1898.5	1886.6	1874.7	1886.6
37.5°	1712.5	1714.2	1715.8	1706.0	1692.3	1677.8	1662.3	1647.8	1635.8	1623.8	1635.8
40°	1523.3	1524.5	1525.7	1517.5	1506.2	1489.3	1466.7	1449.1	1446.1	1443.1	1446.1
42.5°	1292.4	1310.2	1328.0	1320.8	1305.3	1288.8	1271.5	1255.0	1241.1	1227.2	1241.1
45°	879.2	933.3	987.3	1000.8	1000.8	990.4	969.7	939.8	882.8	825.8	882.8
47.5°	496.5	558.1	619.6	660.0	693.4	679.2	617.4	553.8	484.5	415.3	484.5
50°	312.7	354.2	395.8	447.6	502.9	487.7	402.2	332.3	309.1	286.0	309.1
52.5°	221.8	243.0	264.1	312.9	371.0	364.0	291.7	234.5	222.3	210.1	222.3
55°	137.6	145.4	153.1	176.8	205.9	204.1	171.5	145.8	141.0	136.3	141.0
57.5°	81.8	89.7	97.7	108.2	119.6	119.6	108.2	97.8	90.3	82.8	90.3
60°	56.1	62.7	69.2	77.9	87.4	86.3	74.4	63.8	57.3	50.8	57.3
62.5°	48.6	51.4	54.1	60.8	68.9	68.2	58.7	51.0	48.8	46.5	48.8
65°	42.8	43.4	43.9	44.5	45.1	44.8	43.6	42.5	41.3	40.1	41.3
67.5°	37.7	38.3	38.9	38.7	38.2	37.9	37.8	37.4	36.3	35.3	36.3
70°	33.4	34.0	34.6	34.7	34.7	34.4	33.9	33.3	32.7	32.1	32.7
72.5°	30.2	30.8	31.4	31.2	30.7	30.4	30.3	29.9	28.9	27.8	28.9
75°	25.4	25.4	25.4	25.4	25.4	25.1	24.5	23.9	23.3	22.7	23.3
77.5°	19.2	19.8	20.4	20.1	19.5	19.2	19.2	19.1	18.5	17.9	18.5
80°	16.0	16.6	17.2	16.9	16.3	16.0	16.0	15.9	15.3	14.7	15.3
82.5°	12.8	12.9	13.1	13.0	12.9	12.8	12.8	12.7	12.1	11.5	12.1
85°	8.0	8.0	8.0	7.6	7.0	6.7	6.7	6.7	6.7	6.7	6.7
87.5°	2.1	2.6	3.1	2.9	2.4	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°	2787.4	2787.4	2787.4	2787.4	2787.4	2787.4	2787.4	2787.4	2787.4	2787.4	2787.4
2.5°	2794.2	2787.0	2776.5	2776.3	2786.3	2794.6	2797.9	2801.3	2797.9	2794.6	2786.3
5°	2804.3	2792.3	2775.6	2773.0	2784.2	2793.7	2797.9	2802.1	2797.9	2793.7	2784.2
7.5°	2803.2	2794.5	2781.9	2779.9	2788.6	2795.6	2797.3	2799.1	2797.3	2795.6	2788.6
10°	2800.3	2790.9	2777.9	2777.6	2790.0	2799.2	2798.6	2798.0	2798.6	2799.2	2790.0
12.5°	2789.0	2782.4	2772.2	2776.1	2794.3	2806.7	2801.8	2797.0	2801.8	2806.7	2794.3
15°	2752.5	2754.0	2754.0	2766.7	2792.3	2809.0	2799.5	2790.0	2799.5	2809.0	2792.3
17.5°	2686.7	2695.3	2704.5	2726.1	2760.2	2782.9	2771.6	2760.4	2771.6	2782.9	2760.2
20°	2628.9	2640.8	2655.7	2683.0	2722.8	2749.8	2738.5	2727.2	2738.5	2749.8	2722.8
22.5°	2568.6	2582.0	2598.3	2627.8	2670.4	2699.3	2687.1	2674.8	2687.1	2699.3	2670.4
25°	2471.7	2482.3	2494.1	2521.7	2565.1	2595.2	2585.7	2576.2	2585.7	2595.2	2565.1
27.5°	2332.4	2344.8	2358.3	2385.4	2426.0	2455.2	2450.0	2444.8	2450.0	2455.2	2426.0
30°	2225.3	2242.2	2260.0	2284.9	2317.0	2340.5	2338.1	2335.7	2338.1	2340.5	2317.0
32.5°	2107.3	2122.8	2139.7	2162.2	2190.5	2211.1	2208.7	2206.4	2208.7	2211.1	2190.5
35°	1898.5	1916.1	1935.7	1954.1	1971.4	1984.6	1985.8	1987.0	1985.8	1984.6	1971.4
37.5°	1647.8	1662.3	1677.8	1692.3	1706.0	1715.8	1714.2	1712.5	1714.2	1715.8	1706.0
40°	1449.1	1466.7	1489.3	1506.2	1517.5	1525.7	1524.5	1523.3	1524.5	1525.7	1517.5
42.5°	1255.0	1271.5	1288.8	1305.3	1320.8	1328.0	1310.2	1292.4	1310.2	1328.0	1320.8
45°	939.8	969.7	990.4	1000.8	1000.8	987.3	933.3	879.2	933.3	987.3	1000.8
47.5°	553.8	617.4	679.2	693.4	660.0	619.6	558.1	496.5	558.1	619.6	660.0
50°	332.3	402.2	487.7	502.9	447.6	395.8	354.2	312.7	354.2	395.8	447.6
52.5°	234.5	291.7	364.0	371.0	312.9	264.1	243.0	221.8	243.0	264.1	312.9
55°	145.8	171.5	204.1	205.9	176.8	153.1	145.4	137.6	145.4	153.1	176.8
57.5°	97.8	108.2	119.6	119.6	108.2	97.7	89.7	81.8	89.7	97.7	108.2
60°	63.8	74.4	86.3	87.4	77.9	69.2	62.7	56.1	62.7	69.2	77.9
62.5°	51.0	58.7	68.2	68.9	60.8	54.1	51.4	48.6	51.4	54.1	60.8
65°	42.5	43.6	44.8	45.1	44.5	43.9	43.4	42.8	43.4	43.9	44.5
67.5°	37.4	37.8	37.9	38.2	38.7	38.9	38.3	37.7	38.3	38.9	38.7
70°	33.3	33.9	34.4	34.7	34.7	34.6	34.0	33.4	34.0	34.6	34.7
72.5°	29.9	30.3	30.4	30.7	31.2	31.4	30.8	30.2	30.8	31.4	31.2
75°	23.9	24.5	25.1	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
77.5°	19.1	19.2	19.2	19.5	20.1	20.4	19.8	19.2	19.8	20.4	20.1
80°	15.9	16.0	16.0	16.3	16.9	17.2	16.6	16.0	16.6	17.2	16.9
82.5°	12.7	12.8	12.8	12.9	13.0	13.1	12.9	12.8	12.9	13.1	13.0
85°	6.7	6.7	6.7	7.0	7.6	8.0	8.0	8.0	8.0	8.0	7.6
87.5°	2.1	2.1	2.1	2.4	2.9	3.1	2.6	2.1	2.6	3.1	2.9
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):**

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
0°	2787.4	2787.4	2787.4	2787.4	2787.4	2787.4	2787.4	2787.4	2787.4	2787.4	2787.4
2.5°	2776.3	2776.5	2787.0	2794.2	2791.9	2789.5	2791.9	2794.2	2787.0	2776.5	2776.3
5°	2773.0	2775.6	2792.3	2804.3	2802.5	2800.7	2802.5	2804.3	2792.3	2775.6	2773.0
7.5°	2779.9	2781.9	2794.5	2803.2	2800.5	2797.8	2800.5	2803.2	2794.5	2781.9	2779.9
10°	2777.6	2777.9	2790.9	2800.3	2798.5	2796.7	2798.5	2800.3	2790.9	2777.9	2777.6
12.5°	2776.1	2772.2	2782.4	2789.0	2784.8	2780.7	2784.8	2789.0	2782.4	2772.2	2776.1
15°	2766.7	2754.0	2754.0	2752.5	2746.5	2740.6	2746.5	2752.5	2754.0	2754.0	2766.7
17.5°	2726.1	2704.5	2695.3	2686.7	2679.4	2672.2	2679.4	2686.7	2695.3	2704.5	2726.1
20°	2683.0	2655.7	2640.8	2628.9	2626.0	2623.0	2626.0	2628.9	2640.8	2655.7	2683.0
22.5°	2627.8	2598.3	2582.0	2568.6	2563.7	2558.9	2563.7	2568.6	2582.0	2598.3	2627.8
25°	2521.7	2494.1	2482.3	2471.7	2465.2	2458.6	2465.2	2471.7	2482.3	2494.1	2521.7
27.5°	2385.4	2358.3	2344.8	2332.4	2323.4	2314.3	2323.4	2332.4	2344.8	2358.3	2385.4
30°	2284.9	2260.0	2242.2	2225.3	2211.0	2196.7	2211.0	2225.3	2242.2	2260.0	2284.9
32.5°	2162.2	2139.7	2122.8	2107.3	2095.9	2084.5	2095.9	2107.3	2122.8	2139.7	2162.2
35°	1954.1	1935.7	1916.1	1898.5	1886.6	1874.7	1886.6	1898.5	1916.1	1935.7	1954.1
37.5°	1692.3	1677.8	1662.3	1647.8	1635.8	1623.8	1635.8	1647.8	1662.3	1677.8	1692.3
40°	1506.2	1489.3	1466.7	1449.1	1446.1	1443.1	1446.1	1449.1	1466.7	1489.3	1506.2
42.5°	1305.3	1288.8	1271.5	1255.0	1241.1	1227.2	1241.1	1255.0	1271.5	1288.8	1305.3
45°	1000.8	990.4	969.7	939.8	882.8	825.8	882.8	939.8	969.7	990.4	1000.8
47.5°	693.4	679.2	617.4	553.8	484.5	415.3	484.5	553.8	617.4	679.2	693.4
50°	502.9	487.7	402.2	332.3	309.1	286.0	309.1	332.3	402.2	487.7	502.9
52.5°	371.0	364.0	291.7	234.5	222.3	210.1	222.3	234.5	291.7	364.0	371.0
55°	205.9	204.1	171.5	145.8	141.0	136.3	141.0	145.8	171.5	204.1	205.9
57.5°	119.6	119.6	108.2	97.8	90.3	82.8	90.3	97.8	108.2	119.6	119.6
60°	87.4	86.3	74.4	63.8	57.3	50.8	57.3	63.8	74.4	86.3	87.4
62.5°	68.9	68.2	58.7	51.0	48.8	46.5	48.8	51.0	58.7	68.2	68.9
65°	45.1	44.8	43.6	42.5	41.3	40.1	41.3	42.5	43.6	44.8	45.1
67.5°	38.2	37.9	37.8	37.4	36.3	35.3	36.3	37.4	37.8	37.9	38.2
70°	34.7	34.4	33.9	33.3	32.7	32.1	32.7	33.3	33.9	34.4	34.7
72.5°	30.7	30.4	30.3	29.9	28.9	27.8	28.9	29.9	30.3	30.4	30.7
75°	25.4	25.1	24.5	23.9	23.3	22.7	23.3	23.9	24.5	25.1	25.4
77.5°	19.5	19.2	19.2	19.1	18.5	17.9	18.5	19.1	19.2	19.2	19.5
80°	16.3	16.0	16.0	15.9	15.3	14.7	15.3	15.9	16.0	16.0	16.3
82.5°	12.9	12.8	12.8	12.7	12.1	11.5	12.1	12.7	12.8	12.8	12.9
85°	7.0	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	7.0
87.5°	2.4	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.4
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: P1428498

CATALOG NUMBER: SQ2W-WBM-0U-100D-L935-UNV-STD-W-WM-4

**CANDELA DISTRIBUTION (continued):**

	330°	340°	350°	360°
0°	2787.4	2787.4	2787.4	2787.4
2.5°	2786.3	2794.6	2797.9	2801.3
5°	2784.2	2793.7	2797.9	2802.1
7.5°	2788.6	2795.6	2797.3	2799.1
10°	2790.0	2799.2	2798.6	2798.0
12.5°	2794.3	2806.7	2801.8	2797.0
15°	2792.3	2809.0	2799.5	2790.0
17.5°	2760.2	2782.9	2771.6	2760.4
20°	2722.8	2749.8	2738.5	2727.2
22.5°	2670.4	2699.3	2687.1	2674.8
25°	2565.1	2595.2	2585.7	2576.2
27.5°	2426.0	2455.2	2450.0	2444.8
30°	2317.0	2340.5	2338.1	2335.7
32.5°	2190.5	2211.1	2208.7	2206.4
35°	1971.4	1984.6	1985.8	1987.0
37.5°	1706.0	1715.8	1714.2	1712.5
40°	1517.5	1525.7	1524.5	1523.3
42.5°	1320.8	1328.0	1310.2	1292.4
45°	1000.8	987.3	933.3	879.2
47.5°	660.0	619.6	558.1	496.5
50°	447.6	395.8	354.2	312.7
52.5°	312.9	264.1	243.0	221.8
55°	176.8	153.1	145.4	137.6
57.5°	108.2	97.7	89.7	81.8
60°	77.9	69.2	62.7	56.1
62.5°	60.8	54.1	51.4	48.6
65°	44.5	43.9	43.4	42.8
67.5°	38.7	38.9	38.3	37.7
70°	34.7	34.6	34.0	33.4
72.5°	31.2	31.4	30.8	30.2
75°	25.4	25.4	25.4	25.4
77.5°	20.1	20.4	19.8	19.2
80°	16.9	17.2	16.6	16.0
82.5°	13.0	13.1	12.9	12.8
85°	7.6	8.0	8.0	8.0
87.5°	2.9	3.1	2.6	2.1
90°	0.0	0.0	0.0	0.0



TEST NUMBER: P1428498

CATALOG NUMBER: SQ2W-WBM-0U-100D-L935-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	9.35	10.53	9.72	10.84	11.16	9.33	10.51	9.70	10.83	11.14
	3H	10.07	11.11	10.45	11.44	11.80	9.99	11.02	10.37	11.35	11.72
	4H	10.45	11.41	10.86	11.76	12.15	10.31	11.27	10.71	11.62	12.01
	6H	10.73	11.61	11.15	11.99	12.38	10.56	11.43	10.97	11.81	12.20
	8H	10.86	11.69	11.29	12.08	12.49	10.66	11.49	11.10	11.88	12.29
	12H	10.95	11.74	11.38	12.12	12.55	10.72	11.51	11.16	11.90	12.33
4H	2H	9.49	10.45	9.90	10.80	11.19	9.47	10.43	9.88	10.79	11.17
	3H	10.46	11.24	10.87	11.64	12.05	10.38	11.15	10.79	11.56	11.96
	4H	10.97	11.66	11.41	12.08	12.53	10.82	11.51	11.26	11.94	12.38
	6H	11.41	12.00	11.88	12.45	12.92	11.21	11.80	11.68	12.25	12.72
	8H	11.60	12.15	12.07	12.60	13.07	11.38	11.93	11.85	12.38	12.85
	12H	11.73	12.22	12.22	12.70	13.18	11.48	11.96	11.97	12.45	12.93
8H	4H	11.10	11.65	11.57	12.10	12.58	10.96	11.52	11.44	11.97	12.44
	6H	11.67	12.12	12.18	12.62	13.11	11.48	11.93	11.99	12.43	12.91
	8H	11.95	12.36	12.48	12.87	13.37	11.74	12.14	12.27	12.66	13.16
	12H	12.18	12.54	12.70	13.03	13.61	11.92	12.28	12.44	12.77	13.35
12H	4H	11.09	11.58	11.58	12.06	12.54	10.96	11.45	11.45	11.93	12.41
	6H	11.70	12.10	12.23	12.62	13.12	11.52	11.92	12.04	12.44	12.93
	8H	12.03	12.39	12.55	12.89	13.46	11.83	12.19	12.35	12.68	13.26