

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: P1428342

Luminaire Tested: SQ2W-PW1-0U-125D-L835-UNV-STD-W-WM-4

Issue Date: 3/10/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1428342  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2303-941-3, G2-2308-131-8)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/10/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ2W-PW1-0U-125D-L835-UNV-STD-W-WM-4  
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE  
DOWNLIGHT - PERCEIVE WAVES LENS  
UPLIGHT - ASYMMETRIC ROLL LENS  
DOWNLIGHT 1250 LUMENS PER FOOT  
UPLIGHT N/A - DIRECT ONLY  
Light Source: 3500K CCT, 80 CRI LEDS  
Ballast/Driver: -

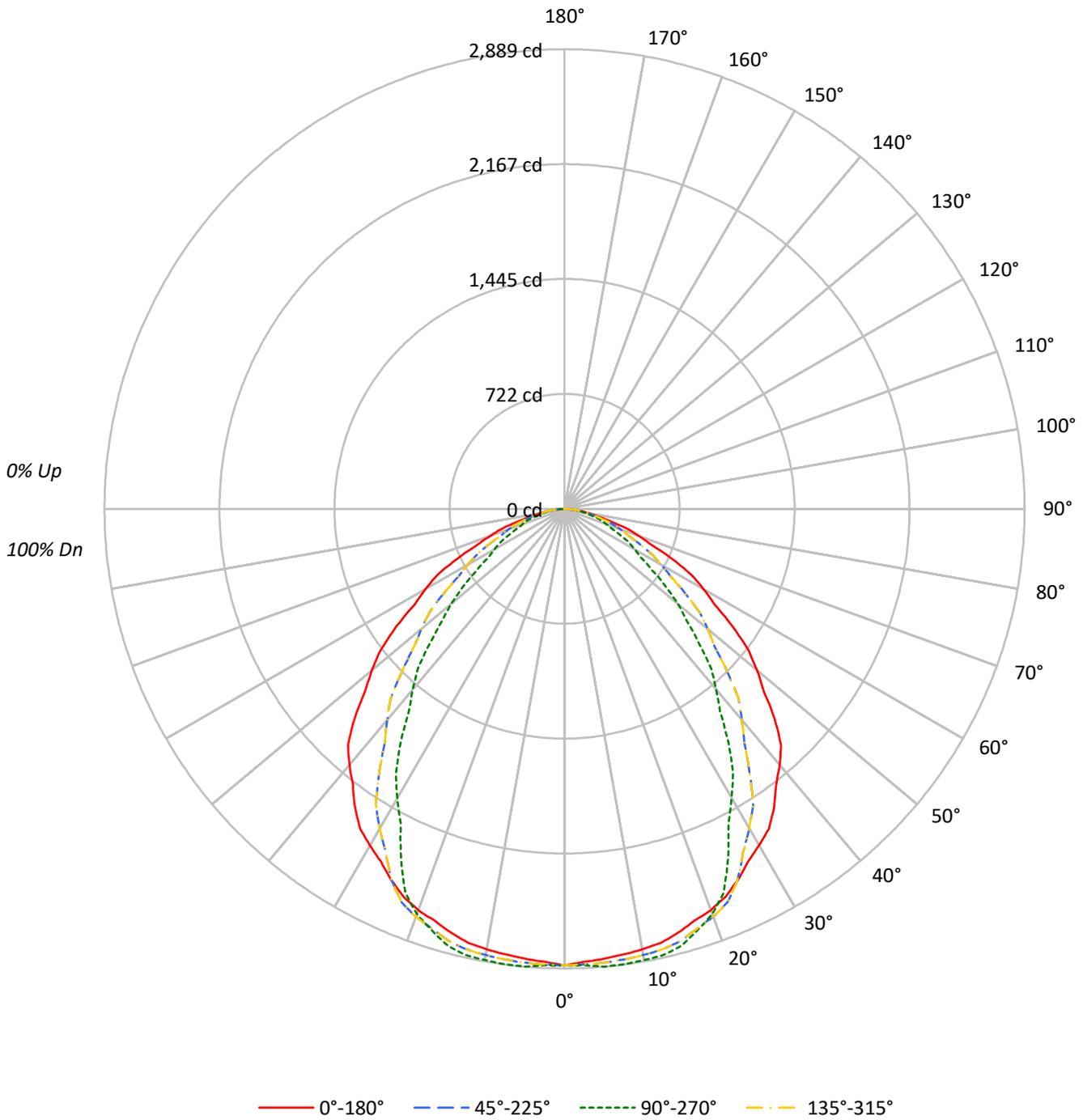
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6367.7 lumens  
Efficiency: N/A  
Efficacy: 129.4 lumens/watt  
Spacing Criteria (0/90/45): 1.27 / 1.11 / 1.23  
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 49.2  
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

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CATALOG NUMBER: SQ2W-PW1-0U-125D-L835-UNV-STD-W-WM-4

### 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					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	110	106	102	99	108	104	100	97	100	97	94	96	93	91	92	90	89	87				87
2	101	94	88	83	99	92	87	82	89	84	80	85	82	78	82	79	76	74				74
3	93	84	76	70	91	82	75	70	79	73	69	77	72	67	74	70	66	64				64
4	86	75	67	61	84	74	66	61	71	65	60	69	63	59	67	62	58	56				56
5	80	68	59	53	78	67	59	53	65	58	52	63	57	52	61	56	51	49				49
6	74	62	53	47	72	61	53	47	59	52	47	57	51	46	56	50	46	44				44
7	69	56	48	42	67	55	48	42	54	47	42	52	46	41	51	46	41	39				39
8	64	52	44	38	63	51	43	38	50	43	38	48	42	37	47	42	37	35				35
9	60	48	40	35	59	47	40	34	46	39	34	45	39	34	44	38	34	32				32
10	57	44	37	32	55	44	36	31	43	36	31	42	36	31	41	35	31	29				29

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

	0°	90°	180°	270°
0°	46333	46333	46333	46333
5°	46022	46819	46022	46819
10°	46107	47226	46107	47226
15°	46094	47511	46094	47511
20°	46112	46583	46112	46583
25°	45864	43284	45864	43284
30°	45551	39132	45551	39132
35°	45195	35338	45195	35338
40°	44297	31221	44297	31221
45°	42559	27270	42559	27270
50°	39611	23340	39611	23340
55°	36236	18925	36236	18925
60°	32478	16326	32478	16326
65°	28401	14514	28401	14514
70°	23221	13161	23221	13161
75°	18072	12102	18072	12102
80°	13473	10674	13473	10674
85°	9114	6076	9114	6076

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 42559 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	273.3	4.3
10°-20°	791.8	12.4
20°-30°	1165.2	18.3
30°-40°	1274.0	20.0
40°-50°	1142.8	17.9
50°-60°	852.5	13.4
60°-70°	538.8	8.5
70°-80°	267.0	4.2
80°-90°	62.5	1.0
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°	2230.2	35.0
0°-40°	3504.1	55.0
0°-60°	5499.5	86.4
0°-90°	6367.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6367.7	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2870	2870	2870	2870	2870	
5°	2840	2889	2840	2889	2840	270
15°	2758	2842	2758	2842	2758	779
25°	2574	2430	2574	2430	2574	1186
35°	2293	1793	2293	1793	2293	1430
45°	1864	1194	1864	1194	1864	1429
55°	1287	672	1287	672	1287	1149
65°	743	380	743	380	743	737
75°	290	194	290	194	290	319
85°	49	33	49	33	49	64
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°	2869.7	2869.7	2869.7	2869.7	2869.7	2869.7	2869.7	2869.7	2869.7	2869.7	2869.7
2.5°	2850.0	2866.5	2883.1	2879.2	2868.5	2863.6	2864.6	2866.0	2869.0	2871.9	2869.0
5°	2839.6	2860.3	2880.9	2877.9	2867.0	2862.1	2863.3	2867.0	2877.9	2888.8	2877.9
7.5°	2825.4	2846.3	2867.2	2866.2	2858.0	2855.9	2860.0	2865.8	2876.5	2887.2	2876.5
10°	2812.3	2834.2	2856.0	2856.0	2848.7	2848.1	2854.2	2861.2	2870.9	2880.6	2870.9
12.5°	2794.8	2817.6	2840.5	2842.2	2836.8	2837.7	2844.7	2852.4	2862.2	2871.9	2862.2
15°	2757.6	2781.9	2806.2	2811.4	2810.2	2813.8	2822.3	2830.2	2836.3	2842.4	2836.3
17.5°	2714.5	2738.7	2763.0	2767.8	2766.1	2766.4	2768.6	2770.9	2773.9	2776.8	2773.9
20°	2683.8	2708.1	2732.4	2735.8	2732.1	2726.1	2717.6	2711.2	2711.2	2711.2	2711.2
22.5°	2640.1	2666.4	2692.6	2692.8	2684.3	2668.5	2645.4	2626.1	2618.4	2610.6	2618.4
25°	2574.5	2600.0	2625.5	2613.7	2589.4	2553.6	2506.2	2466.1	2447.9	2429.7	2447.9
27.5°	2498.0	2518.6	2539.3	2508.4	2460.3	2402.6	2335.3	2278.5	2253.2	2228.0	2253.2
30°	2443.3	2459.1	2474.9	2426.0	2355.6	2283.3	2209.2	2147.6	2123.3	2099.0	2123.3
32.5°	2386.5	2392.6	2398.6	2334.2	2246.3	2163.8	2086.8	2022.4	1996.2	1970.0	1996.2
35°	2293.0	2282.1	2271.2	2185.5	2075.0	1980.8	1903.1	1839.0	1816.0	1792.9	1816.0
37.5°	2182.6	2150.1	2117.5	2021.0	1903.2	1803.6	1722.2	1654.8	1629.3	1603.7	1629.3
40°	2101.7	2055.5	2009.4	1905.8	1783.2	1681.1	1599.7	1532.3	1506.8	1481.3	1506.8
42.5°	2012.1	1954.2	1896.4	1790.0	1667.3	1565.2	1483.9	1416.2	1389.7	1363.2	1389.7
45°	1863.9	1795.9	1727.9	1617.0	1491.9	1389.9	1310.9	1245.4	1219.8	1194.3	1219.8
47.5°	1697.2	1629.7	1562.1	1451.6	1326.7	1226.0	1149.5	1086.7	1064.8	1042.9	1064.8
50°	1577.0	1511.4	1445.8	1340.1	1221.1	1123.3	1046.8	982.7	956.0	929.2	956.0
52.5°	1454.5	1395.7	1336.9	1235.2	1119.0	1021.7	943.3	875.3	838.9	802.4	838.9
55°	1287.3	1231.4	1175.5	1079.6	970.2	871.8	784.4	713.6	693.0	672.3	693.0
57.5°	1115.1	1066.7	1018.4	932.1	833.3	744.1	664.7	600.8	583.8	566.8	583.8
60°	1005.8	963.2	920.7	838.1	742.2	660.8	594.0	539.6	522.6	505.6	522.6
62.5°	900.8	863.2	825.5	746.3	653.3	580.1	526.9	483.5	469.4	455.3	469.4
65°	743.4	715.4	687.5	622.2	544.5	483.7	440.0	404.2	392.0	379.9	392.0
67.5°	590.3	574.8	559.2	510.3	450.3	401.1	362.8	332.0	324.0	315.9	324.0
70°	491.9	487.1	482.2	441.8	389.6	347.7	316.1	290.9	284.8	278.8	284.8
72.5°	406.7	408.6	410.6	377.0	331.5	296.4	271.7	252.0	247.9	243.8	247.9
75°	289.7	299.4	309.1	287.0	254.2	229.3	212.3	198.9	196.5	194.0	196.5
77.5°	197.3	211.9	226.5	212.1	188.0	169.7	157.1	147.1	145.2	143.2	145.2
80°	144.9	159.4	174.0	164.0	145.8	131.8	122.1	114.8	114.8	114.8	114.8
82.5°	101.1	112.8	124.4	117.3	104.0	94.9	90.0	86.4	86.4	86.4	86.4
85°	49.2	55.3	61.3	59.2	54.4	48.3	41.0	35.2	34.0	32.8	34.0
87.5°	13.1	16.0	18.9	16.0	11.2	8.3	7.3	6.6	6.6	6.6	6.6
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°	2869.7	2869.7	2869.7	2869.7	2869.7	2869.7	2869.7	2869.7	2869.7	2869.7	2869.7
2.5°	2866.0	2864.6	2863.6	2868.5	2879.2	2883.1	2866.5	2850.0	2866.5	2883.1	2879.2
5°	2867.0	2863.3	2862.1	2867.0	2877.9	2880.9	2860.3	2839.6	2860.3	2880.9	2877.9
7.5°	2865.8	2860.0	2855.9	2858.0	2866.2	2867.2	2846.3	2825.4	2846.3	2867.2	2866.2
10°	2861.2	2854.2	2848.1	2848.7	2856.0	2856.0	2834.2	2812.3	2834.2	2856.0	2856.0
12.5°	2852.4	2844.7	2837.7	2836.8	2842.2	2840.5	2817.6	2794.8	2817.6	2840.5	2842.2
15°	2830.2	2822.3	2813.8	2810.2	2811.4	2806.2	2781.9	2757.6	2781.9	2806.2	2811.4
17.5°	2770.9	2768.6	2766.4	2766.1	2767.8	2763.0	2738.7	2714.5	2738.7	2763.0	2767.8
20°	2711.2	2717.6	2726.1	2732.1	2735.8	2732.4	2708.1	2683.8	2708.1	2732.4	2735.8
22.5°	2626.1	2645.4	2668.5	2684.3	2692.8	2692.6	2666.4	2640.1	2666.4	2692.6	2692.8
25°	2466.1	2506.2	2553.6	2589.4	2613.7	2625.5	2600.0	2574.5	2600.0	2625.5	2613.7
27.5°	2278.5	2335.3	2402.6	2460.3	2508.4	2539.3	2518.6	2498.0	2518.6	2539.3	2508.4
30°	2147.6	2209.2	2283.3	2355.6	2426.0	2474.9	2459.1	2443.3	2459.1	2474.9	2426.0
32.5°	2022.4	2086.8	2163.8	2246.3	2334.2	2398.6	2392.6	2386.5	2392.6	2398.6	2334.2
35°	1839.0	1903.1	1980.8	2075.0	2185.5	2271.2	2282.1	2293.0	2282.1	2271.2	2185.5
37.5°	1654.8	1722.2	1803.6	1903.2	2021.0	2117.5	2150.1	2182.6	2150.1	2117.5	2021.0
40°	1532.3	1599.7	1681.1	1783.2	1905.8	2009.4	2055.5	2101.7	2055.5	2009.4	1905.8
42.5°	1416.2	1483.9	1565.2	1667.3	1790.0	1896.4	1954.2	2012.1	1954.2	1896.4	1790.0
45°	1245.4	1310.9	1389.9	1491.9	1617.0	1727.9	1795.9	1863.9	1795.9	1727.9	1617.0
47.5°	1086.7	1149.5	1226.0	1326.7	1451.6	1562.1	1629.7	1697.2	1629.7	1562.1	1451.6
50°	982.7	1046.8	1123.3	1221.1	1340.1	1445.8	1511.4	1577.0	1511.4	1445.8	1340.1
52.5°	875.3	943.3	1021.7	1119.0	1235.2	1336.9	1395.7	1454.5	1395.7	1336.9	1235.2
55°	713.6	784.4	871.8	970.2	1079.6	1175.5	1231.4	1287.3	1231.4	1175.5	1079.6
57.5°	600.8	664.7	744.1	833.3	932.1	1018.4	1066.7	1115.1	1066.7	1018.4	932.1
60°	539.6	594.0	660.8	742.2	838.1	920.7	963.2	1005.8	963.2	920.7	838.1
62.5°	483.5	526.9	580.1	653.3	746.3	825.5	863.2	900.8	863.2	825.5	746.3
65°	404.2	440.0	483.7	544.5	622.2	687.5	715.4	743.4	715.4	687.5	622.2
67.5°	332.0	362.8	401.1	450.3	510.3	559.2	574.8	590.3	574.8	559.2	510.3
70°	290.9	316.1	347.7	389.6	441.8	482.2	487.1	491.9	487.1	482.2	441.8
72.5°	252.0	271.7	296.4	331.5	377.0	410.6	408.6	406.7	408.6	410.6	377.0
75°	198.9	212.3	229.3	254.2	287.0	309.1	299.4	289.7	299.4	309.1	287.0
77.5°	147.1	157.1	169.7	188.0	212.1	226.5	211.9	197.3	211.9	226.5	212.1
80°	114.8	122.1	131.8	145.8	164.0	174.0	159.4	144.9	159.4	174.0	164.0
82.5°	86.4	90.0	94.9	104.0	117.3	124.4	112.8	101.1	112.8	124.4	117.3
85°	35.2	41.0	48.3	54.4	59.2	61.3	55.3	49.2	55.3	61.3	59.2
87.5°	6.6	7.3	8.3	11.2	16.0	18.9	16.0	13.1	16.0	18.9	16.0
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°	2869.7	2869.7	2869.7	2869.7	2869.7	2869.7	2869.7	2869.7	2869.7	2869.7	2869.7
2.5°	2868.5	2863.6	2864.6	2866.0	2869.0	2871.9	2869.0	2866.0	2864.6	2863.6	2868.5
5°	2867.0	2862.1	2863.3	2867.0	2877.9	2888.8	2877.9	2867.0	2863.3	2862.1	2867.0
7.5°	2858.0	2855.9	2860.0	2865.8	2876.5	2887.2	2876.5	2865.8	2860.0	2855.9	2858.0
10°	2848.7	2848.1	2854.2	2861.2	2870.9	2880.6	2870.9	2861.2	2854.2	2848.1	2848.7
12.5°	2836.8	2837.7	2844.7	2852.4	2862.2	2871.9	2862.2	2852.4	2844.7	2837.7	2836.8
15°	2810.2	2813.8	2822.3	2830.2	2836.3	2842.4	2836.3	2830.2	2822.3	2813.8	2810.2
17.5°	2766.1	2766.4	2768.6	2770.9	2773.9	2776.8	2773.9	2770.9	2768.6	2766.4	2766.1
20°	2732.1	2726.1	2717.6	2711.2	2711.2	2711.2	2711.2	2711.2	2717.6	2726.1	2732.1
22.5°	2684.3	2668.5	2645.4	2626.1	2618.4	2610.6	2618.4	2626.1	2645.4	2668.5	2684.3
25°	2589.4	2553.6	2506.2	2466.1	2447.9	2429.7	2447.9	2466.1	2506.2	2553.6	2589.4
27.5°	2460.3	2402.6	2335.3	2278.5	2253.2	2228.0	2253.2	2278.5	2335.3	2402.6	2460.3
30°	2355.6	2283.3	2209.2	2147.6	2123.3	2099.0	2123.3	2147.6	2209.2	2283.3	2355.6
32.5°	2246.3	2163.8	2086.8	2022.4	1996.2	1970.0	1996.2	2022.4	2086.8	2163.8	2246.3
35°	2075.0	1980.8	1903.1	1839.0	1816.0	1792.9	1816.0	1839.0	1903.1	1980.8	2075.0
37.5°	1903.2	1803.6	1722.2	1654.8	1629.3	1603.7	1629.3	1654.8	1722.2	1803.6	1903.2
40°	1783.2	1681.1	1599.7	1532.3	1506.8	1481.3	1506.8	1532.3	1599.7	1681.1	1783.2
42.5°	1667.3	1565.2	1483.9	1416.2	1389.7	1363.2	1389.7	1416.2	1483.9	1565.2	1667.3
45°	1491.9	1389.9	1310.9	1245.4	1219.8	1194.3	1219.8	1245.4	1310.9	1389.9	1491.9
47.5°	1326.7	1226.0	1149.5	1086.7	1064.8	1042.9	1064.8	1086.7	1149.5	1226.0	1326.7
50°	1221.1	1123.3	1046.8	982.7	956.0	929.2	956.0	982.7	1046.8	1123.3	1221.1
52.5°	1119.0	1021.7	943.3	875.3	838.9	802.4	838.9	875.3	943.3	1021.7	1119.0
55°	970.2	871.8	784.4	713.6	693.0	672.3	693.0	713.6	784.4	871.8	970.2
57.5°	833.3	744.1	664.7	600.8	583.8	566.8	583.8	600.8	664.7	744.1	833.3
60°	742.2	660.8	594.0	539.6	522.6	505.6	522.6	539.6	594.0	660.8	742.2
62.5°	653.3	580.1	526.9	483.5	469.4	455.3	469.4	483.5	526.9	580.1	653.3
65°	544.5	483.7	440.0	404.2	392.0	379.9	392.0	404.2	440.0	483.7	544.5
67.5°	450.3	401.1	362.8	332.0	324.0	315.9	324.0	332.0	362.8	401.1	450.3
70°	389.6	347.7	316.1	290.9	284.8	278.8	284.8	290.9	316.1	347.7	389.6
72.5°	331.5	296.4	271.7	252.0	247.9	243.8	247.9	252.0	271.7	296.4	331.5
75°	254.2	229.3	212.3	198.9	196.5	194.0	196.5	198.9	212.3	229.3	254.2
77.5°	188.0	169.7	157.1	147.1	145.2	143.2	145.2	147.1	157.1	169.7	188.0
80°	145.8	131.8	122.1	114.8	114.8	114.8	114.8	114.8	122.1	131.8	145.8
82.5°	104.0	94.9	90.0	86.4	86.4	86.4	86.4	86.4	90.0	94.9	104.0
85°	54.4	48.3	41.0	35.2	34.0	32.8	34.0	35.2	41.0	48.3	54.4
87.5°	11.2	8.3	7.3	6.6	6.6	6.6	6.6	6.6	7.3	8.3	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



TEST NUMBER: P1428342

CATALOG NUMBER: SQ2W-PW1-0U-125D-L835-UNV-STD-W-WM-4

**CANDELA DISTRIBUTION (continued):**

	330°	340°	350°	360°
0°	2869.7	2869.7	2869.7	2869.7
2.5°	2879.2	2883.1	2866.5	2850.0
5°	2877.9	2880.9	2860.3	2839.6
7.5°	2866.2	2867.2	2846.3	2825.4
10°	2856.0	2856.0	2834.2	2812.3
12.5°	2842.2	2840.5	2817.6	2794.8
15°	2811.4	2806.2	2781.9	2757.6
17.5°	2767.8	2763.0	2738.7	2714.5
20°	2735.8	2732.4	2708.1	2683.8
22.5°	2692.8	2692.6	2666.4	2640.1
25°	2613.7	2625.5	2600.0	2574.5
27.5°	2508.4	2539.3	2518.6	2498.0
30°	2426.0	2474.9	2459.1	2443.3
32.5°	2334.2	2398.6	2392.6	2386.5
35°	2185.5	2271.2	2282.1	2293.0
37.5°	2021.0	2117.5	2150.1	2182.6
40°	1905.8	2009.4	2055.5	2101.7
42.5°	1790.0	1896.4	1954.2	2012.1
45°	1617.0	1727.9	1795.9	1863.9
47.5°	1451.6	1562.1	1629.7	1697.2
50°	1340.1	1445.8	1511.4	1577.0
52.5°	1235.2	1336.9	1395.7	1454.5
55°	1079.6	1175.5	1231.4	1287.3
57.5°	932.1	1018.4	1066.7	1115.1
60°	838.1	920.7	963.2	1005.8
62.5°	746.3	825.5	863.2	900.8
65°	622.2	687.5	715.4	743.4
67.5°	510.3	559.2	574.8	590.3
70°	441.8	482.2	487.1	491.9
72.5°	377.0	410.6	408.6	406.7
75°	287.0	309.1	299.4	289.7
77.5°	212.1	226.5	211.9	197.3
80°	164.0	174.0	159.4	144.9
82.5°	117.3	124.4	112.8	101.1
85°	59.2	61.3	55.3	49.2
87.5°	16.0	18.9	16.0	13.1
90°	0.0	0.0	0.0	0.0



TEST NUMBER: P1428342  
 CATALOG NUMBER: SQ2W-PW1-0U-125D-L835-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	24.16	25.67	24.53	25.98	26.29	20.41	21.91	20.77	22.23	22.54
	3H	25.51	26.86	25.89	27.18	27.55	21.73	23.07	22.10	23.40	23.76
	4H	25.95	27.21	26.35	27.56	27.94	22.26	23.52	22.66	23.87	24.25
	6H	26.16	27.32	26.57	27.69	28.08	22.60	23.76	23.01	24.13	24.52
	8H	26.22	27.32	26.64	27.71	28.12	22.73	23.84	23.16	24.23	24.63
	12H	26.24	27.30	26.67	27.68	28.11	22.78	23.84	23.21	24.22	24.65
4H	2H	24.37	25.63	24.77	25.98	26.36	21.29	22.56	21.69	22.90	23.28
	3H	25.96	27.01	26.37	27.41	27.81	22.80	23.84	23.21	24.24	24.64
	4H	26.53	27.47	26.96	27.89	28.33	23.40	24.34	23.83	24.75	25.19
	6H	26.88	27.69	27.33	28.13	28.59	23.81	24.63	24.27	25.07	25.53
	8H	26.98	27.74	27.44	28.18	28.65	23.98	24.74	24.44	25.18	25.65
	12H	27.03	27.71	27.51	28.19	28.66	24.05	24.73	24.53	25.21	25.68
8H	4H	26.61	27.38	27.08	27.82	28.29	23.78	24.55	24.25	24.99	25.46
	6H	27.06	27.69	27.56	28.18	28.66	24.30	24.93	24.80	25.42	25.90
	8H	27.23	27.79	27.74	28.30	28.79	24.52	25.08	25.04	25.59	26.08
	12H	27.33	27.83	27.85	28.33	28.89	24.63	25.13	25.14	25.62	26.19
12H	4H	26.60	27.28	27.08	27.76	28.23	23.83	24.51	24.31	24.99	25.46
	6H	27.05	27.62	27.57	28.13	28.62	24.38	24.94	24.89	25.45	25.94
	8H	27.27	27.77	27.78	28.26	28.83	24.65	25.15	25.16	25.64	26.20