

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: P1428001

Luminaire Tested: SQ2W-PP3-0U-100D-L840-UNV-STD-W-WM-4

Issue Date: 3/10/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1428001  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2303-941-3, G2-2308-131-7)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/10/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ2W-PP3-0U-100D-L840-UNV-STD-W-WM-4  
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE  
DOWNLIGHT - PERCEIVE PRISM LENS  
UPLIGHT - ASYMMETRIC ROLL LENS  
DOWNLIGHT 1000 LUMENS PER FOOT  
UPLIGHT N/A - DIRECT ONLY  
Light Source: 4000K CCT, 80 CRI LEDS  
Ballast/Driver: -

**Summary**

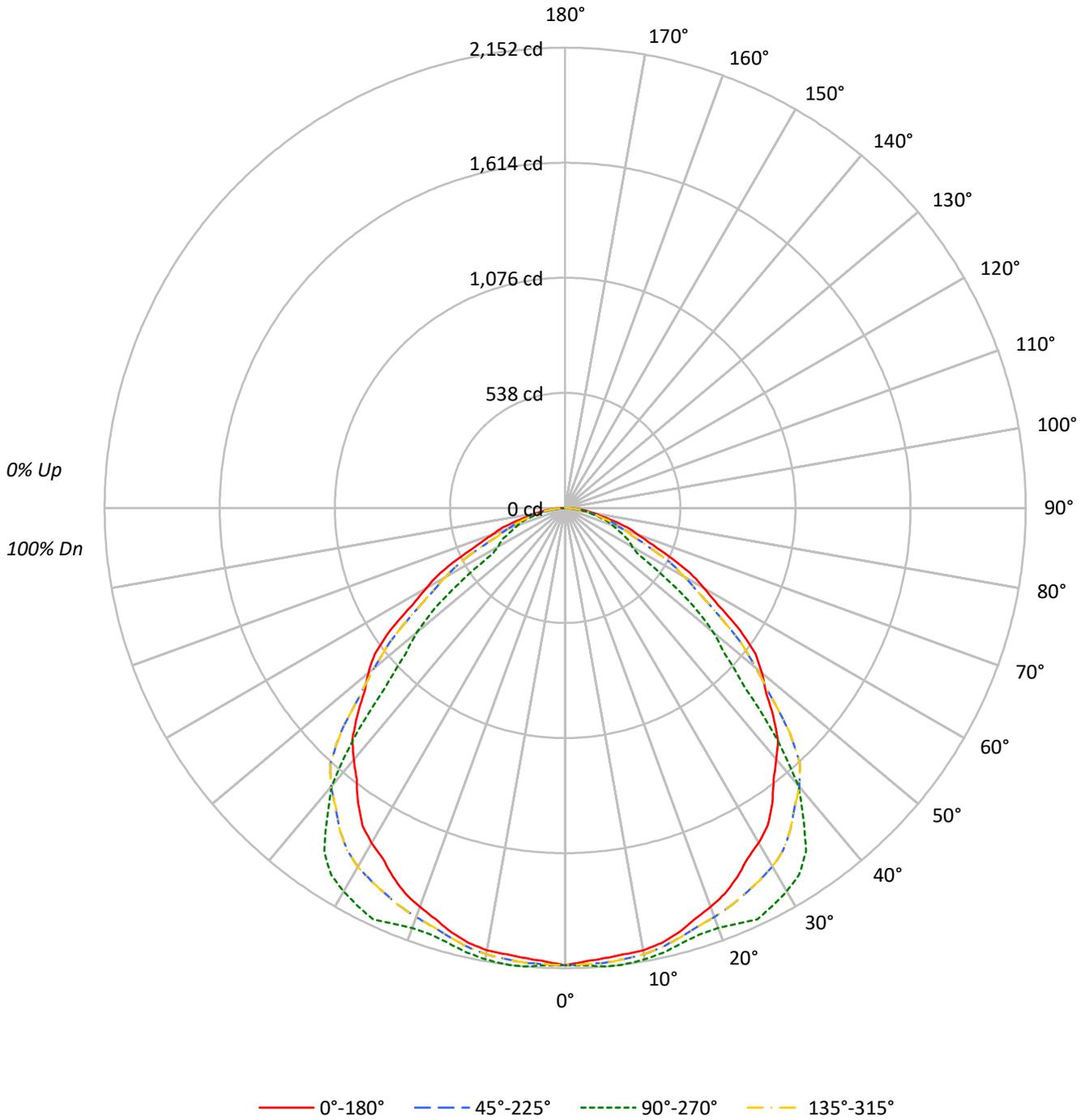
Lumens per Lamp: N/A  
Luminaire Lumens: 5385.3 lumens  
Efficiency: N/A  
Efficacy: 143.2 lumens/watt  
Spacing Criteria (0/90/45): 1.26 / 1.41 / 1.4  
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')  
CIE Type: Direct

Input Watts (W): 37.6  
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-PP3-0U-100D-L840-UNV-STD-W-WM-4

### Luminous Intensity Polar Plot





TEST NUMBER: P1428001

CATALOG NUMBER: SQ2W-PP3-OU-100D-L840-UNV-STD-W-WM-4

**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	110	106	102	99	107	104	100	97	99	97	94	96	93	91	92	90	89	87
2	101	94	88	82	99	92	86	81	88	84	80	85	81	78	82	79	76	74
3	93	83	76	70	91	82	75	69	79	73	68	76	71	67	74	69	66	64
4	86	74	66	60	83	73	66	60	71	64	59	68	63	58	66	61	57	55
5	79	67	59	52	77	66	58	52	64	57	52	62	56	51	60	55	50	48
6	73	61	52	46	71	60	52	46	58	51	46	56	50	45	55	49	45	43
7	68	55	47	41	66	54	46	41	53	46	41	51	45	40	50	44	40	38
8	63	50	42	37	62	50	42	37	48	41	36	47	41	36	46	40	36	34
9	59	46	38	33	58	46	38	33	45	38	33	44	37	33	43	37	33	31
10	56	43	35	30	54	42	35	30	41	35	30	40	34	30	40	34	30	28

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

	0°	90°	180°	270°
0°	34524	34524	34524	34524
5°	34252	34876	34252	34876
10°	34427	35130	34427	35130
15°	34345	35214	34345	35214
20°	34099	35924	34099	35924
25°	33905	37812	33905	37812
30°	33713	38601	33713	38601
35°	33235	38671	33235	38671
40°	32348	35731	32348	35731
45°	31380	27199	31380	27199
50°	30149	22654	30149	22654
55°	28059	16290	28059	16290
60°	24160	11680	24160	11680
65°	20378	11484	20378	11484
70°	16966	10990	16966	10990
75°	14385	10293	14385	10293
80°	12189	9251	12189	9251
85°	9633	5020	9633	5020

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 40°  
 Vertical Angle: 45°  
 Luminance: 34328 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	203.6	3.8
10°-20°	589.3	10.9
20°-30°	923.2	17.1
30°-40°	1138.8	21.1
40°-50°	1072.1	19.9
50°-60°	759.2	14.1
60°-70°	432.6	8.0
70°-80°	214.1	4.0
80°-90°	52.3	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°	1716.1	31.9
0°-40°	2854.9	53.0
0°-60°	4686.2	87.0
0°-90°	5385.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5385.3	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2138	2138	2138	2138	2138	
5°	2113	2152	2113	2152	2113	201
15°	2055	2107	2055	2107	2055	579
25°	1903	2122	1903	2122	1903	877
35°	1686	1962	1686	1962	1686	1052
45°	1374	1191	1374	1191	1374	1058
55°	997	579	997	579	997	879
65°	533	301	533	301	533	536
75°	231	165	231	165	231	250
85°	52	27	52	27	52	63
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°	2138.3	2138.3	2138.3	2138.3	2138.3	2138.3	2138.3	2138.3	2138.3	2138.3	2138.3
2.5°	2122.0	2135.7	2149.4	2146.1	2137.3	2133.7	2135.3	2136.9	2138.5	2140.1	2138.5
5°	2113.4	2130.5	2147.6	2145.1	2136.1	2132.5	2134.5	2137.8	2144.8	2151.9	2144.8
7.5°	2105.3	2122.8	2140.3	2138.0	2129.2	2126.5	2129.9	2134.6	2143.2	2151.9	2143.2
10°	2099.9	2115.0	2130.0	2127.8	2119.7	2118.2	2123.2	2128.8	2135.8	2142.8	2135.8
12.5°	2083.6	2097.9	2112.1	2110.3	2103.0	2102.7	2109.4	2115.9	2122.1	2128.4	2122.1
15°	2054.7	2067.7	2080.8	2081.0	2077.0	2079.5	2088.6	2096.6	2101.6	2106.7	2101.6
17.5°	2015.3	2031.2	2047.1	2050.8	2050.4	2056.6	2069.4	2080.4	2085.6	2090.8	2085.6
20°	1984.6	2003.7	2022.8	2029.1	2031.1	2040.1	2056.2	2070.8	2080.8	2090.8	2080.8
22.5°	1952.1	1974.4	1996.7	2004.9	2008.6	2022.4	2046.5	2068.9	2086.2	2103.5	2086.2
25°	1903.2	1925.3	1947.4	1963.5	1977.6	2002.2	2037.3	2070.2	2096.4	2122.5	2096.4
27.5°	1846.3	1868.2	1890.1	1917.7	1947.2	1981.8	2021.4	2056.2	2076.9	2097.6	2076.9
30°	1808.3	1829.4	1850.5	1882.1	1917.3	1955.5	1996.7	2032.3	2051.4	2070.5	2051.4
32.5°	1761.3	1783.2	1805.1	1838.7	1876.3	1917.3	1961.7	1999.4	2016.9	2034.3	2016.9
35°	1686.2	1707.3	1728.4	1767.6	1812.8	1858.5	1904.7	1941.9	1952.0	1962.0	1952.0
37.5°	1599.9	1623.8	1647.7	1691.7	1742.3	1780.6	1806.5	1826.1	1826.7	1827.3	1826.7
40°	1534.8	1565.9	1597.1	1641.0	1689.3	1715.9	1720.9	1721.4	1708.3	1695.3	1708.3
42.5°	1471.5	1511.5	1551.5	1586.8	1620.5	1627.5	1607.6	1578.1	1520.1	1462.0	1520.1
45°	1374.3	1421.5	1468.7	1490.3	1503.4	1459.2	1357.7	1271.6	1231.4	1191.2	1231.4
47.5°	1270.8	1317.4	1364.0	1358.0	1334.5	1267.6	1157.3	1067.6	1039.9	1012.2	1039.9
50°	1200.3	1244.5	1288.7	1256.8	1199.5	1124.2	1030.7	954.1	928.0	901.9	928.0
52.5°	1120.7	1160.1	1199.5	1151.3	1073.9	994.6	913.2	842.2	802.4	762.6	802.4
55°	996.8	1023.9	1051.1	998.3	919.0	831.6	736.1	655.0	616.8	578.7	616.8
57.5°	847.6	866.7	885.8	844.3	782.6	695.7	583.6	488.8	446.0	403.3	446.0
60°	748.2	763.3	778.3	740.6	685.4	602.5	492.0	403.9	382.8	361.7	382.8
62.5°	657.8	671.2	684.7	645.4	588.6	514.5	423.3	353.0	345.6	338.2	345.6
65°	533.4	546.5	559.6	518.4	459.1	401.3	345.1	302.6	301.6	300.6	301.6
67.5°	424.5	438.8	453.0	414.3	357.8	315.1	286.2	264.2	263.0	261.8	263.0
70°	359.4	374.5	389.5	353.4	300.1	265.5	249.4	236.8	234.8	232.8	234.8
72.5°	305.2	319.4	333.7	302.1	255.3	226.7	216.2	208.1	206.9	205.7	206.9
75°	230.6	241.6	252.7	229.8	195.6	176.1	171.0	167.0	166.0	165.0	166.0
77.5°	167.3	174.3	181.3	166.4	144.1	131.6	129.0	126.8	125.8	124.8	125.8
80°	131.1	134.1	137.1	126.6	111.5	103.5	102.5	101.5	100.5	99.5	100.5
82.5°	98.6	97.5	96.5	90.4	82.6	78.2	77.2	75.9	74.1	72.3	74.1
85°	52.0	50.0	48.0	46.0	44.0	40.9	36.9	33.2	30.1	27.1	30.1
87.5°	16.3	16.3	16.3	13.3	9.2	6.8	6.0	5.4	5.4	5.4	5.4
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°	2138.3	2138.3	2138.3	2138.3	2138.3	2138.3	2138.3	2138.3	2138.3	2138.3	2138.3
2.5°	2136.9	2135.3	2133.7	2137.3	2146.1	2149.4	2135.7	2122.0	2135.7	2149.4	2146.1
5°	2137.8	2134.5	2132.5	2136.1	2145.1	2147.6	2130.5	2113.4	2130.5	2147.6	2145.1
7.5°	2134.6	2129.9	2126.5	2129.2	2138.0	2140.3	2122.8	2105.3	2122.8	2140.3	2138.0
10°	2128.8	2123.2	2118.2	2119.7	2127.8	2130.0	2115.0	2099.9	2115.0	2130.0	2127.8
12.5°	2115.9	2109.4	2102.7	2103.0	2110.3	2112.1	2097.9	2083.6	2097.9	2112.1	2110.3
15°	2096.6	2088.6	2079.5	2077.0	2081.0	2080.8	2067.7	2054.7	2067.7	2080.8	2081.0
17.5°	2080.4	2069.4	2056.6	2050.4	2050.8	2047.1	2031.2	2015.3	2031.2	2047.1	2050.8
20°	2070.8	2056.2	2040.1	2031.1	2029.1	2022.8	2003.7	1984.6	2003.7	2022.8	2029.1
22.5°	2068.9	2046.5	2022.4	2008.6	2004.9	1996.7	1974.4	1952.1	1974.4	1996.7	2004.9
25°	2070.2	2037.3	2002.2	1977.6	1963.5	1947.4	1925.3	1903.2	1925.3	1947.4	1963.5
27.5°	2056.2	2021.4	1981.8	1947.2	1917.7	1890.1	1868.2	1846.3	1868.2	1890.1	1917.7
30°	2032.3	1996.7	1955.5	1917.3	1882.1	1850.5	1829.4	1808.3	1829.4	1850.5	1882.1
32.5°	1999.4	1961.7	1917.3	1876.3	1838.7	1805.1	1783.2	1761.3	1783.2	1805.1	1838.7
35°	1941.9	1904.7	1858.5	1812.8	1767.6	1728.4	1707.3	1686.2	1707.3	1728.4	1767.6
37.5°	1826.1	1806.5	1780.6	1742.3	1691.7	1647.7	1623.8	1599.9	1623.8	1647.7	1691.7
40°	1721.4	1720.9	1715.9	1689.3	1641.0	1597.1	1565.9	1534.8	1565.9	1597.1	1641.0
42.5°	1578.1	1607.6	1627.5	1620.5	1586.8	1551.5	1511.5	1471.5	1511.5	1551.5	1586.8
45°	1271.6	1357.7	1459.2	1503.4	1490.3	1468.7	1421.5	1374.3	1421.5	1468.7	1490.3
47.5°	1067.6	1157.3	1267.6	1334.5	1358.0	1364.0	1317.4	1270.8	1317.4	1364.0	1358.0
50°	954.1	1030.7	1124.2	1199.5	1256.8	1288.7	1244.5	1200.3	1244.5	1288.7	1256.8
52.5°	842.2	913.2	994.6	1073.9	1151.3	1199.5	1160.1	1120.7	1160.1	1199.5	1151.3
55°	655.0	736.1	831.6	919.0	998.3	1051.1	1023.9	996.8	1023.9	1051.1	998.3
57.5°	488.8	583.6	695.7	782.6	844.3	885.8	866.7	847.6	866.7	885.8	844.3
60°	403.9	492.0	602.5	685.4	740.6	778.3	763.3	748.2	763.3	778.3	740.6
62.5°	353.0	423.3	514.5	588.6	645.4	684.7	671.2	657.8	671.2	684.7	645.4
65°	302.6	345.1	401.3	459.1	518.4	559.6	546.5	533.4	546.5	559.6	518.4
67.5°	264.2	286.2	315.1	357.8	414.3	453.0	438.8	424.5	438.8	453.0	414.3
70°	236.8	249.4	265.5	300.1	353.4	389.5	374.5	359.4	374.5	389.5	353.4
72.5°	208.1	216.2	226.7	255.3	302.1	333.7	319.4	305.2	319.4	333.7	302.1
75°	167.0	171.0	176.1	195.6	229.8	252.7	241.6	230.6	241.6	252.7	229.8
77.5°	126.8	129.0	131.6	144.1	166.4	181.3	174.3	167.3	174.3	181.3	166.4
80°	101.5	102.5	103.5	111.5	126.6	137.1	134.1	131.1	134.1	137.1	126.6
82.5°	75.9	77.2	78.2	82.6	90.4	96.5	97.5	98.6	97.5	96.5	90.4
85°	33.2	36.9	40.9	44.0	46.0	48.0	50.0	52.0	50.0	48.0	46.0
87.5°	5.4	6.0	6.8	9.2	13.3	16.3	16.3	16.3	16.3	16.3	13.3
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°	2138.3	2138.3	2138.3	2138.3	2138.3	2138.3	2138.3	2138.3	2138.3	2138.3	2138.3
2.5°	2137.3	2133.7	2135.3	2136.9	2138.5	2140.1	2138.5	2136.9	2135.3	2133.7	2137.3
5°	2136.1	2132.5	2134.5	2137.8	2144.8	2151.9	2144.8	2137.8	2134.5	2132.5	2136.1
7.5°	2129.2	2126.5	2129.9	2134.6	2143.2	2151.9	2143.2	2134.6	2129.9	2126.5	2129.2
10°	2119.7	2118.2	2123.2	2128.8	2135.8	2142.8	2135.8	2128.8	2123.2	2118.2	2119.7
12.5°	2103.0	2102.7	2109.4	2115.9	2122.1	2128.4	2122.1	2115.9	2109.4	2102.7	2103.0
15°	2077.0	2079.5	2088.6	2096.6	2101.6	2106.7	2101.6	2096.6	2088.6	2079.5	2077.0
17.5°	2050.4	2056.6	2069.4	2080.4	2085.6	2090.8	2085.6	2080.4	2069.4	2056.6	2050.4
20°	2031.1	2040.1	2056.2	2070.8	2080.8	2090.8	2080.8	2070.8	2056.2	2040.1	2031.1
22.5°	2008.6	2022.4	2046.5	2068.9	2086.2	2103.5	2086.2	2068.9	2046.5	2022.4	2008.6
25°	1977.6	2002.2	2037.3	2070.2	2096.4	2122.5	2096.4	2070.2	2037.3	2002.2	1977.6
27.5°	1947.2	1981.8	2021.4	2056.2	2076.9	2097.6	2076.9	2056.2	2021.4	1981.8	1947.2
30°	1917.3	1955.5	1996.7	2032.3	2051.4	2070.5	2051.4	2032.3	1996.7	1955.5	1917.3
32.5°	1876.3	1917.3	1961.7	1999.4	2016.9	2034.3	2016.9	1999.4	1961.7	1917.3	1876.3
35°	1812.8	1858.5	1904.7	1941.9	1952.0	1962.0	1952.0	1941.9	1904.7	1858.5	1812.8
37.5°	1742.3	1780.6	1806.5	1826.1	1826.7	1827.3	1826.7	1826.1	1806.5	1780.6	1742.3
40°	1689.3	1715.9	1720.9	1721.4	1708.3	1695.3	1708.3	1721.4	1720.9	1715.9	1689.3
42.5°	1620.5	1627.5	1607.6	1578.1	1520.1	1462.0	1520.1	1578.1	1607.6	1627.5	1620.5
45°	1503.4	1459.2	1357.7	1271.6	1231.4	1191.2	1231.4	1271.6	1357.7	1459.2	1503.4
47.5°	1334.5	1267.6	1157.3	1067.6	1039.9	1012.2	1039.9	1067.6	1157.3	1267.6	1334.5
50°	1199.5	1124.2	1030.7	954.1	928.0	901.9	928.0	954.1	1030.7	1124.2	1199.5
52.5°	1073.9	994.6	913.2	842.2	802.4	762.6	802.4	842.2	913.2	994.6	1073.9
55°	919.0	831.6	736.1	655.0	616.8	578.7	616.8	655.0	736.1	831.6	919.0
57.5°	782.6	695.7	583.6	488.8	446.0	403.3	446.0	488.8	583.6	695.7	782.6
60°	685.4	602.5	492.0	403.9	382.8	361.7	382.8	403.9	492.0	602.5	685.4
62.5°	588.6	514.5	423.3	353.0	345.6	338.2	345.6	353.0	423.3	514.5	588.6
65°	459.1	401.3	345.1	302.6	301.6	300.6	301.6	302.6	345.1	401.3	459.1
67.5°	357.8	315.1	286.2	264.2	263.0	261.8	263.0	264.2	286.2	315.1	357.8
70°	300.1	265.5	249.4	236.8	234.8	232.8	234.8	236.8	249.4	265.5	300.1
72.5°	255.3	226.7	216.2	208.1	206.9	205.7	206.9	208.1	216.2	226.7	255.3
75°	195.6	176.1	171.0	167.0	166.0	165.0	166.0	167.0	171.0	176.1	195.6
77.5°	144.1	131.6	129.0	126.8	125.8	124.8	125.8	126.8	129.0	131.6	144.1
80°	111.5	103.5	102.5	101.5	100.5	99.5	100.5	101.5	102.5	103.5	111.5
82.5°	82.6	78.2	77.2	75.9	74.1	72.3	74.1	75.9	77.2	78.2	82.6
85°	44.0	40.9	36.9	33.2	30.1	27.1	30.1	33.2	36.9	40.9	44.0
87.5°	9.2	6.8	6.0	5.4	5.4	5.4	5.4	5.4	6.0	6.8	9.2
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: P1428001

CATALOG NUMBER: SQ2W-PP3-OU-100D-L840-UNV-STD-W-WM-4

**CANDELA DISTRIBUTION (continued):**

	330°	340°	350°	360°
0°	2138.3	2138.3	2138.3	2138.3
2.5°	2146.1	2149.4	2135.7	2122.0
5°	2145.1	2147.6	2130.5	2113.4
7.5°	2138.0	2140.3	2122.8	2105.3
10°	2127.8	2130.0	2115.0	2099.9
12.5°	2110.3	2112.1	2097.9	2083.6
15°	2081.0	2080.8	2067.7	2054.7
17.5°	2050.8	2047.1	2031.2	2015.3
20°	2029.1	2022.8	2003.7	1984.6
22.5°	2004.9	1996.7	1974.4	1952.1
25°	1963.5	1947.4	1925.3	1903.2
27.5°	1917.7	1890.1	1868.2	1846.3
30°	1882.1	1850.5	1829.4	1808.3
32.5°	1838.7	1805.1	1783.2	1761.3
35°	1767.6	1728.4	1707.3	1686.2
37.5°	1691.7	1647.7	1623.8	1599.9
40°	1641.0	1597.1	1565.9	1534.8
42.5°	1586.8	1551.5	1511.5	1471.5
45°	1490.3	1468.7	1421.5	1374.3
47.5°	1358.0	1364.0	1317.4	1270.8
50°	1256.8	1288.7	1244.5	1200.3
52.5°	1151.3	1199.5	1160.1	1120.7
55°	998.3	1051.1	1023.9	996.8
57.5°	844.3	885.8	866.7	847.6
60°	740.6	778.3	763.3	748.2
62.5°	645.4	684.7	671.2	657.8
65°	518.4	559.6	546.5	533.4
67.5°	414.3	453.0	438.8	424.5
70°	353.4	389.5	374.5	359.4
72.5°	302.1	333.7	319.4	305.2
75°	229.8	252.7	241.6	230.6
77.5°	166.4	181.3	174.3	167.3
80°	126.6	137.1	134.1	131.1
82.5°	90.4	96.5	97.5	98.6
85°	46.0	48.0	50.0	52.0
87.5°	13.3	16.3	16.3	16.3
90°	0.0	0.0	0.0	0.0

TEST NUMBER: P1428001  
 CATALOG NUMBER: SQ2W-PP3-OU-100D-L840-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	23.66	25.18	24.03	25.50	25.81	19.43	20.95	19.80	21.27	21.58
	3H	24.77	26.13	25.15	26.46	26.82	20.79	22.15	21.17	22.48	22.84
	4H	25.17	26.45	25.57	26.80	27.17	21.38	22.66	21.78	23.00	23.38
	6H	25.40	26.57	25.81	26.94	27.33	21.78	22.95	22.19	23.32	23.71
	8H	25.48	26.60	25.90	26.99	27.39	21.92	23.04	22.35	23.43	23.83
	12H	25.52	26.59	25.95	26.97	27.40	21.98	23.05	22.41	23.43	23.86
4H	2H	23.86	25.14	24.26	25.49	25.86	20.42	21.70	20.82	22.05	22.42
	3H	25.21	26.27	25.63	26.67	27.07	21.90	22.96	22.32	23.36	23.76
	4H	25.75	26.69	26.18	27.11	27.55	22.55	23.50	22.98	23.91	24.35
	6H	26.10	26.92	26.55	27.36	27.82	23.03	23.85	23.49	24.30	24.76
	8H	26.22	26.99	26.68	27.43	27.90	23.21	23.98	23.68	24.42	24.89
	12H	26.29	26.98	26.77	27.46	27.93	23.29	23.98	23.77	24.46	24.93
8H	4H	25.81	26.58	26.28	27.03	27.49	22.91	23.67	23.37	24.12	24.59
	6H	26.25	26.88	26.74	27.37	27.85	23.49	24.12	23.98	24.61	25.09
	8H	26.43	27.00	26.94	27.51	28.00	23.74	24.31	24.25	24.82	25.31
	12H	26.55	27.06	27.06	27.55	28.12	23.86	24.37	24.37	24.86	25.43
12H	4H	25.80	26.49	26.28	26.97	27.44	22.95	23.63	23.43	24.11	24.58
	6H	26.24	26.81	26.75	27.32	27.81	23.55	24.13	24.07	24.64	25.12
	8H	26.46	26.97	26.97	27.46	28.03	23.86	24.36	24.37	24.85	25.42