

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: P1427671

Luminaire Tested: SQ2W-F-0U-125D-L840-UNV-STD-W-WM-4

Issue Date: 3/10/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1427671  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2303-941-3, G2-2308-131-20)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/10/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ2W-F-0U-125D-L840-UNV-STD-W-WM-4  
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE  
DOWNLIGHT - FROSTED CONTINUOUS ROLL LENS  
UPLIGHT - ASYMMETRIC ROLL LENS  
DOWNLIGHT 1250 LUMENS PER FOOT  
UPLIGHT N/A - DIRECT ONLY  
Light Source: 4000K CCT, 80 CRI LEDS  
Ballast/Driver: -

**Summary**

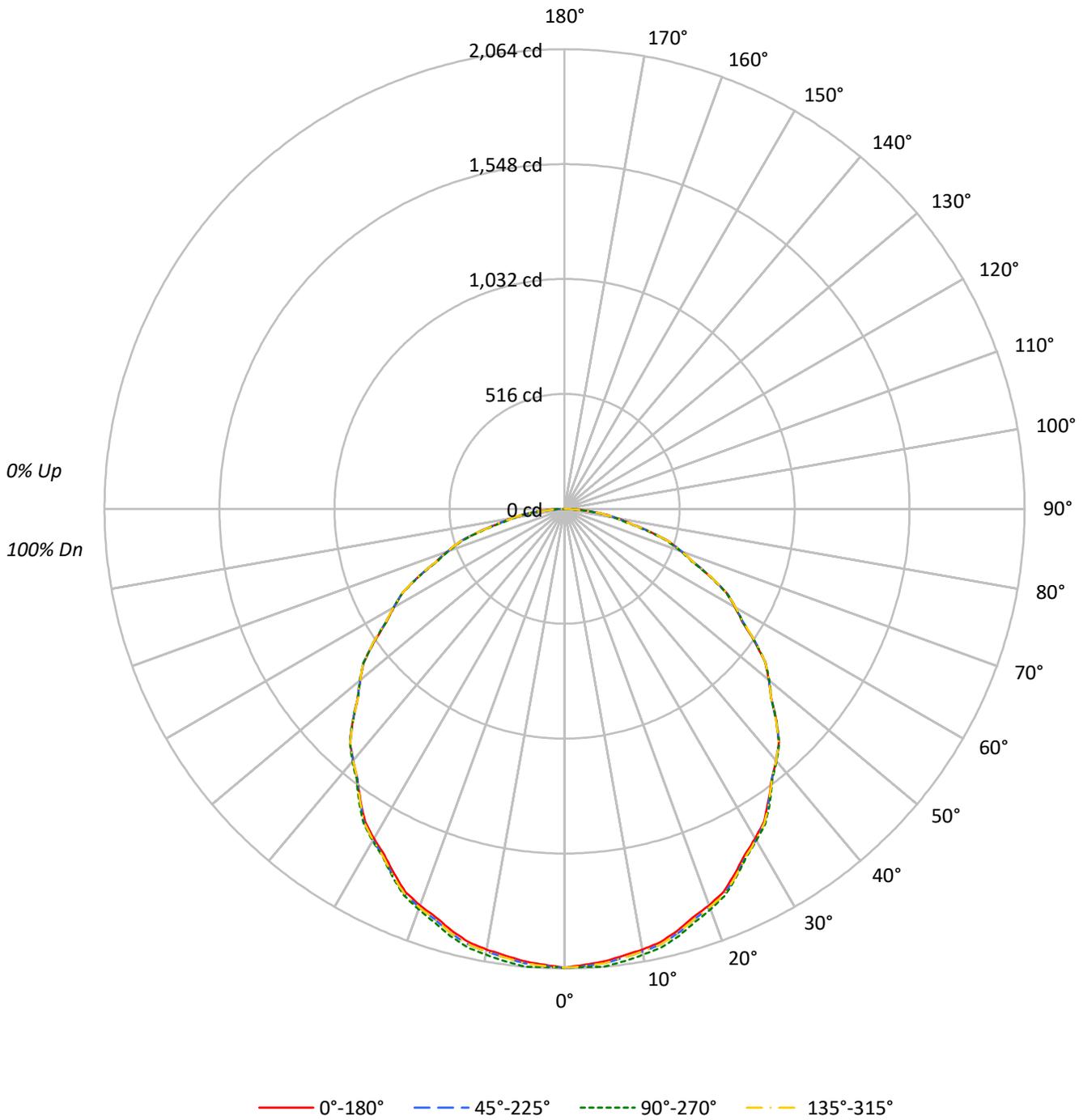
Lumens per Lamp: N/A  
Luminaire Lumens: 5799.2 lumens  
Efficiency: N/A  
Efficacy: 117.9 lumens/watt  
Spacing Criteria (0/90/45): 1.24 / 1.25 / 1.36  
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')  
CIE Type: Direct

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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### 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				
1	109	104	100	96	106	102	98	94	97	94	91	93	91	88	90	88	86	84				
2	99	90	84	78	96	89	82	77	85	80	75	82	77	73	79	75	72	70				
3	90	79	71	65	87	78	70	64	75	68	63	72	66	62	69	65	61	58				
4	82	70	61	55	80	69	61	54	66	59	54	64	58	53	62	57	52	50				
5	76	63	54	47	74	62	53	47	60	52	46	58	51	46	56	50	45	43				
6	70	56	47	41	68	56	47	41	54	46	40	52	45	40	50	44	40	38				
7	65	51	42	36	63	50	42	36	49	41	36	47	41	36	46	40	35	33				
8	60	47	38	32	59	46	38	32	45	37	32	43	37	32	42	36	32	30				
9	56	43	35	29	55	42	34	29	41	34	29	40	33	29	39	33	29	27				
10	53	40	32	26	52	39	31	26	38	31	26	37	31	26	36	30	26	24				

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

	0°	90°	180°	270°
0°	33270	33270	33270	33270
5°	33068	33444	33068	33444
10°	32950	33330	32950	33330
15°	32768	33181	32768	33181
20°	32561	32886	32561	32886
25°	32211	32494	32211	32494
30°	31869	32085	31869	32085
35°	31461	31662	31461	31662
40°	31105	31195	31105	31195
45°	30649	30649	30649	30649
50°	30034	30106	30034	30106
55°	29328	29368	29328	29368
60°	28536	28536	28536	28536
65°	27606	27495	27606	27495
70°	26303	26030	26303	26030
75°	24528	23986	24528	23986
80°	21859	20781	21859	20781
85°	17469	14783	17469	14783

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 30855 cd/sqm

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	195.0	3.4
10°-20°	557.1	9.6
20°-30°	838.6	14.5
30°-40°	1002.8	17.3
40°-50°	1035.5	17.9
50°-60°	934.0	16.1
60°-70°	715.5	12.3
70°-80°	413.5	7.1
80°-90°	107.4	1.9
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°	1590.6	27.4
0°-40°	2593.4	44.7
0°-60°	4562.9	78.7
0°-90°	5799.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5799.2	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2061	2061	2061	2061	2061	
5°	2040	2064	2040	2064	2040	194
15°	1960	1985	1960	1985	1960	553
25°	1808	1824	1808	1824	1808	833
35°	1596	1606	1596	1606	1596	999
45°	1342	1342	1342	1342	1342	1034
55°	1042	1043	1042	1043	1042	931
65°	723	720	723	720	723	714
75°	393	384	393	384	393	416
85°	94	80	94	80	94	114
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°	2060.6	2060.6	2060.6	2060.6	2060.6	2060.6	2060.6	2060.6	2060.6	2060.6	2060.6
2.5°	2050.1	2059.9	2069.7	2065.6	2056.8	2053.5	2055.5	2057.3	2058.4	2059.4	2058.4
5°	2040.3	2053.2	2066.1	2061.5	2051.2	2046.7	2048.0	2050.6	2057.0	2063.5	2057.0
7.5°	2023.7	2036.6	2049.5	2045.4	2035.6	2031.4	2033.0	2035.8	2042.5	2049.2	2042.5
10°	2009.8	2022.7	2035.6	2031.1	2020.7	2016.9	2019.5	2022.7	2027.8	2033.0	2027.8
12.5°	1992.4	2005.3	2018.2	2014.4	2005.1	2001.3	2002.8	2005.4	2011.1	2016.7	2011.1
15°	1960.4	1973.3	1986.2	1982.7	1973.7	1970.1	1972.1	1974.8	1980.0	1985.1	1980.0
17.5°	1921.8	1934.0	1946.1	1942.8	1934.5	1931.4	1933.5	1936.3	1940.8	1945.4	1940.8
20°	1895.1	1906.8	1918.4	1915.0	1906.6	1902.7	1903.4	1905.0	1909.5	1914.0	1909.5
22.5°	1862.6	1874.2	1885.9	1882.9	1875.0	1870.3	1868.9	1869.2	1874.8	1880.3	1874.8
25°	1808.1	1819.7	1831.3	1828.9	1821.8	1817.3	1815.3	1815.0	1819.5	1824.0	1819.5
27.5°	1751.2	1760.9	1770.5	1768.5	1762.6	1759.0	1757.7	1757.5	1760.7	1764.0	1760.7
30°	1709.4	1719.1	1728.7	1726.3	1719.9	1716.0	1714.7	1714.6	1717.8	1721.0	1717.8
32.5°	1665.3	1674.4	1683.6	1680.3	1672.8	1668.9	1668.7	1669.4	1673.2	1676.9	1673.2
35°	1596.2	1604.0	1611.7	1608.3	1601.2	1598.0	1598.6	1599.9	1603.1	1606.4	1603.1
37.5°	1526.9	1532.8	1538.7	1535.3	1528.7	1525.3	1525.2	1525.8	1528.5	1531.2	1528.5
40°	1475.8	1482.2	1488.7	1485.0	1477.9	1474.0	1473.4	1473.7	1476.9	1480.1	1476.9
42.5°	1423.5	1428.4	1433.3	1430.0	1424.0	1421.1	1421.5	1422.2	1423.9	1425.6	1423.9
45°	1342.3	1346.8	1351.3	1348.1	1342.3	1339.4	1339.4	1339.7	1341.0	1342.3	1341.0
47.5°	1257.2	1260.7	1264.2	1261.7	1257.2	1254.5	1253.8	1253.7	1255.8	1257.8	1255.8
50°	1195.7	1200.2	1204.7	1202.5	1198.0	1195.1	1193.8	1193.5	1196.0	1198.6	1196.0
52.5°	1135.3	1140.4	1145.4	1143.3	1138.8	1135.6	1133.8	1133.0	1135.0	1137.1	1135.0
55°	1041.9	1047.7	1053.5	1052.1	1048.2	1045.0	1042.4	1040.8	1042.1	1043.3	1042.1
57.5°	946.4	952.1	957.8	956.7	953.3	950.1	947.0	945.1	946.9	948.7	946.9
60°	883.7	888.9	894.0	892.4	888.6	885.3	882.8	881.1	882.4	883.7	882.4
62.5°	819.9	825.0	830.2	828.2	823.8	820.3	817.7	816.1	817.4	818.7	817.4
65°	722.6	727.2	731.7	729.9	726.0	722.8	720.2	718.5	719.1	719.7	719.1
67.5°	624.6	628.4	632.3	630.5	626.7	623.0	619.2	616.7	617.7	618.8	617.7
70°	557.2	561.1	565.0	563.5	560.3	557.1	553.8	551.4	551.4	551.4	551.4
72.5°	492.2	495.6	498.9	497.0	493.2	490.0	487.3	485.2	485.2	485.2	485.2
75°	393.2	395.2	397.1	396.2	394.2	391.6	388.4	385.8	385.2	384.5	385.2
77.5°	297.8	297.8	297.8	295.9	293.5	291.0	288.6	286.5	285.8	285.0	285.8
80°	235.1	235.1	235.1	233.6	231.7	229.8	227.8	226.0	224.8	223.5	224.8
82.5°	177.0	176.0	175.0	173.3	171.3	168.9	165.9	164.0	165.3	166.6	165.3
85°	94.3	93.0	91.7	90.0	88.0	85.8	83.2	81.1	80.5	79.8	80.5
87.5°	29.0	28.0	27.0	25.5	24.0	22.2	20.1	18.4	17.9	17.4	17.9
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):**

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
0°	2060.6	2060.6	2060.6	2060.6	2060.6	2060.6	2060.6	2060.6	2060.6	2060.6	2060.6
2.5°	2057.3	2055.5	2053.5	2056.8	2065.6	2069.7	2059.9	2050.1	2059.9	2069.7	2065.6
5°	2050.6	2048.0	2046.7	2051.2	2061.5	2066.1	2053.2	2040.3	2053.2	2066.1	2061.5
7.5°	2035.8	2033.0	2031.4	2035.6	2045.4	2049.5	2036.6	2023.7	2036.6	2049.5	2045.4
10°	2022.7	2019.5	2016.9	2020.7	2031.1	2035.6	2022.7	2009.8	2022.7	2035.6	2031.1
12.5°	2005.4	2002.8	2001.3	2005.1	2014.4	2018.2	2005.3	1992.4	2005.3	2018.2	2014.4
15°	1974.8	1972.1	1970.1	1973.7	1982.7	1986.2	1973.3	1960.4	1973.3	1986.2	1982.7
17.5°	1936.3	1933.5	1931.4	1934.5	1942.8	1946.1	1934.0	1921.8	1934.0	1946.1	1942.8
20°	1905.0	1903.4	1902.7	1906.6	1915.0	1918.4	1906.8	1895.1	1906.8	1918.4	1915.0
22.5°	1869.2	1868.9	1870.3	1875.0	1882.9	1885.9	1874.2	1862.6	1874.2	1885.9	1882.9
25°	1815.0	1815.3	1817.3	1821.8	1828.9	1831.3	1819.7	1808.1	1819.7	1831.3	1828.9
27.5°	1757.5	1757.7	1759.0	1762.6	1768.5	1770.5	1760.9	1751.2	1760.9	1770.5	1768.5
30°	1714.6	1714.7	1716.0	1719.9	1726.3	1728.7	1719.1	1709.4	1719.1	1728.7	1726.3
32.5°	1669.4	1668.7	1668.9	1672.8	1680.3	1683.6	1674.4	1665.3	1674.4	1683.6	1680.3
35°	1599.9	1598.6	1598.0	1601.2	1608.3	1611.7	1604.0	1596.2	1604.0	1611.7	1608.3
37.5°	1525.8	1525.2	1525.3	1528.7	1535.3	1538.7	1532.8	1526.9	1532.8	1538.7	1535.3
40°	1473.7	1473.4	1474.0	1477.9	1485.0	1488.7	1482.2	1475.8	1482.2	1488.7	1485.0
42.5°	1422.2	1421.5	1421.1	1424.0	1430.0	1433.3	1428.4	1423.5	1428.4	1433.3	1430.0
45°	1339.7	1339.4	1339.4	1342.3	1348.1	1351.3	1346.8	1342.3	1346.8	1351.3	1348.1
47.5°	1253.7	1253.8	1254.5	1257.2	1261.7	1264.2	1260.7	1257.2	1260.7	1264.2	1261.7
50°	1193.5	1193.8	1195.1	1198.0	1202.5	1204.7	1200.2	1195.7	1200.2	1204.7	1202.5
52.5°	1133.0	1133.8	1135.6	1138.8	1143.3	1145.4	1140.4	1135.3	1140.4	1145.4	1143.3
55°	1040.8	1042.4	1045.0	1048.2	1052.1	1053.5	1047.7	1041.9	1047.7	1053.5	1052.1
57.5°	945.1	947.0	950.1	953.3	956.7	957.8	952.1	946.4	952.1	957.8	956.7
60°	881.1	882.8	885.3	888.6	892.4	894.0	888.9	883.7	888.9	894.0	892.4
62.5°	816.1	817.7	820.3	823.8	828.2	830.2	825.0	819.9	825.0	830.2	828.2
65°	718.5	720.2	722.8	726.0	729.9	731.7	727.2	722.6	727.2	731.7	729.9
67.5°	616.7	619.2	623.0	626.7	630.5	632.3	628.4	624.6	628.4	632.3	630.5
70°	551.4	553.8	557.1	560.3	563.5	565.0	561.1	557.2	561.1	565.0	563.5
72.5°	485.2	487.3	490.0	493.2	497.0	498.9	495.6	492.2	495.6	498.9	497.0
75°	385.8	388.4	391.6	394.2	396.2	397.1	395.2	393.2	395.2	397.1	396.2
77.5°	286.5	288.6	291.0	293.5	295.9	297.8	297.8	297.8	297.8	297.8	295.9
80°	226.0	227.8	229.8	231.7	233.6	235.1	235.1	235.1	235.1	235.1	233.6
82.5°	164.0	165.9	168.9	171.3	173.3	175.0	176.0	177.0	176.0	175.0	173.3
85°	81.1	83.2	85.8	88.0	90.0	91.7	93.0	94.3	93.0	91.7	90.0
87.5°	18.4	20.1	22.2	24.0	25.5	27.0	28.0	29.0	28.0	27.0	25.5
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°	2060.6	2060.6	2060.6	2060.6	2060.6	2060.6	2060.6	2060.6	2060.6	2060.6	2060.6
2.5°	2056.8	2053.5	2055.5	2057.3	2058.4	2059.4	2058.4	2057.3	2055.5	2053.5	2056.8
5°	2051.2	2046.7	2048.0	2050.6	2057.0	2063.5	2057.0	2050.6	2048.0	2046.7	2051.2
7.5°	2035.6	2031.4	2033.0	2035.8	2042.5	2049.2	2042.5	2035.8	2033.0	2031.4	2035.6
10°	2020.7	2016.9	2019.5	2022.7	2027.8	2033.0	2027.8	2022.7	2019.5	2016.9	2020.7
12.5°	2005.1	2001.3	2002.8	2005.4	2011.1	2016.7	2011.1	2005.4	2002.8	2001.3	2005.1
15°	1973.7	1970.1	1972.1	1974.8	1980.0	1985.1	1980.0	1974.8	1972.1	1970.1	1973.7
17.5°	1934.5	1931.4	1933.5	1936.3	1940.8	1945.4	1940.8	1936.3	1933.5	1931.4	1934.5
20°	1906.6	1902.7	1903.4	1905.0	1909.5	1914.0	1909.5	1905.0	1903.4	1902.7	1906.6
22.5°	1875.0	1870.3	1868.9	1869.2	1874.8	1880.3	1874.8	1869.2	1868.9	1870.3	1875.0
25°	1821.8	1817.3	1815.3	1815.0	1819.5	1824.0	1819.5	1815.0	1815.3	1817.3	1821.8
27.5°	1762.6	1759.0	1757.7	1757.5	1760.7	1764.0	1760.7	1757.5	1757.7	1759.0	1762.6
30°	1719.9	1716.0	1714.7	1714.6	1717.8	1721.0	1717.8	1714.6	1714.7	1716.0	1719.9
32.5°	1672.8	1668.9	1668.7	1669.4	1673.2	1676.9	1673.2	1669.4	1668.7	1668.9	1672.8
35°	1601.2	1598.0	1598.6	1599.9	1603.1	1606.4	1603.1	1599.9	1598.6	1598.0	1601.2
37.5°	1528.7	1525.3	1525.2	1525.8	1528.5	1531.2	1528.5	1525.8	1525.2	1525.3	1528.7
40°	1477.9	1474.0	1473.4	1473.7	1476.9	1480.1	1476.9	1473.7	1473.4	1474.0	1477.9
42.5°	1424.0	1421.1	1421.5	1422.2	1423.9	1425.6	1423.9	1422.2	1421.5	1421.1	1424.0
45°	1342.3	1339.4	1339.4	1339.7	1341.0	1342.3	1341.0	1339.7	1339.4	1339.4	1342.3
47.5°	1257.2	1254.5	1253.8	1253.7	1255.8	1257.8	1255.8	1253.7	1253.8	1254.5	1257.2
50°	1198.0	1195.1	1193.8	1193.5	1196.0	1198.6	1196.0	1193.5	1193.8	1195.1	1198.0
52.5°	1138.8	1135.6	1133.8	1133.0	1135.0	1137.1	1135.0	1133.0	1133.8	1135.6	1138.8
55°	1048.2	1045.0	1042.4	1040.8	1042.1	1043.3	1042.1	1040.8	1042.4	1045.0	1048.2
57.5°	953.3	950.1	947.0	945.1	946.9	948.7	946.9	945.1	947.0	950.1	953.3
60°	888.6	885.3	882.8	881.1	882.4	883.7	882.4	881.1	882.8	885.3	888.6
62.5°	823.8	820.3	817.7	816.1	817.4	818.7	817.4	816.1	817.7	820.3	823.8
65°	726.0	722.8	720.2	718.5	719.1	719.7	719.1	718.5	720.2	722.8	726.0
67.5°	626.7	623.0	619.2	616.7	617.7	618.8	617.7	616.7	619.2	623.0	626.7
70°	560.3	557.1	553.8	551.4	551.4	551.4	551.4	551.4	553.8	557.1	560.3
72.5°	493.2	490.0	487.3	485.2	485.2	485.2	485.2	485.2	487.3	490.0	493.2
75°	394.2	391.6	388.4	385.8	385.2	384.5	385.2	385.8	388.4	391.6	394.2
77.5°	293.5	291.0	288.6	286.5	285.8	285.0	285.8	286.5	288.6	291.0	293.5
80°	231.7	229.8	227.8	226.0	224.8	223.5	224.8	226.0	227.8	229.8	231.7
82.5°	171.3	168.9	165.9	164.0	165.3	166.6	165.3	164.0	165.9	168.9	171.3
85°	88.0	85.8	83.2	81.1	80.5	79.8	80.5	81.1	83.2	85.8	88.0
87.5°	24.0	22.2	20.1	18.4	17.9	17.4	17.9	18.4	20.1	22.2	24.0
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: P1427671

CATALOG NUMBER: SQ2W-F-OU-125D-L840-UNV-STD-W-WM-4

**CANDELA DISTRIBUTION (continued):**

	330°	340°	350°	360°
0°	2060.6	2060.6	2060.6	2060.6
2.5°	2065.6	2069.7	2059.9	2050.1
5°	2061.5	2066.1	2053.2	2040.3
7.5°	2045.4	2049.5	2036.6	2023.7
10°	2031.1	2035.6	2022.7	2009.8
12.5°	2014.4	2018.2	2005.3	1992.4
15°	1982.7	1986.2	1973.3	1960.4
17.5°	1942.8	1946.1	1934.0	1921.8
20°	1915.0	1918.4	1906.8	1895.1
22.5°	1882.9	1885.9	1874.2	1862.6
25°	1828.9	1831.3	1819.7	1808.1
27.5°	1768.5	1770.5	1760.9	1751.2
30°	1726.3	1728.7	1719.1	1709.4
32.5°	1680.3	1683.6	1674.4	1665.3
35°	1608.3	1611.7	1604.0	1596.2
37.5°	1535.3	1538.7	1532.8	1526.9
40°	1485.0	1488.7	1482.2	1475.8
42.5°	1430.0	1433.3	1428.4	1423.5
45°	1348.1	1351.3	1346.8	1342.3
47.5°	1261.7	1264.2	1260.7	1257.2
50°	1202.5	1204.7	1200.2	1195.7
52.5°	1143.3	1145.4	1140.4	1135.3
55°	1052.1	1053.5	1047.7	1041.9
57.5°	956.7	957.8	952.1	946.4
60°	892.4	894.0	888.9	883.7
62.5°	828.2	830.2	825.0	819.9
65°	729.9	731.7	727.2	722.6
67.5°	630.5	632.3	628.4	624.6
70°	563.5	565.0	561.1	557.2
72.5°	497.0	498.9	495.6	492.2
75°	396.2	397.1	395.2	393.2
77.5°	295.9	297.8	297.8	297.8
80°	233.6	235.1	235.1	235.1
82.5°	173.3	175.0	176.0	177.0
85°	90.0	91.7	93.0	94.3
87.5°	25.5	27.0	28.0	29.0
90°	0.0	0.0	0.0	0.0



TEST NUMBER: P1427671  
 CATALOG NUMBER: SQ2W-F-0U-125D-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	23.84	25.48	24.20	25.80	26.11	23.75	25.40	24.12	25.71	26.02
	3H	25.68	27.17	26.06	27.49	27.85	25.58	27.06	25.95	27.39	27.75
	4H	26.41	27.81	26.81	28.16	28.53	26.29	27.70	26.69	28.04	28.42
	6H	26.89	28.18	27.30	28.55	28.94	26.74	28.04	27.15	28.41	28.80
	8H	27.07	28.31	27.49	28.70	29.09	26.91	28.15	27.33	28.54	28.94
	12H	27.18	28.37	27.61	28.75	29.18	27.00	28.19	27.43	28.57	29.00
4H	2H	24.50	25.90	24.90	26.25	26.63	24.44	25.84	24.84	26.19	26.56
	3H	26.59	27.77	27.00	28.16	28.56	26.50	27.67	26.91	28.07	28.47
	4H	27.44	28.50	27.87	28.91	29.35	27.33	28.39	27.76	28.80	29.24
	6H	28.03	28.96	28.49	29.40	29.86	27.89	28.82	28.35	29.26	29.72
	8H	28.27	29.14	28.73	29.58	30.04	28.11	28.98	28.57	29.42	29.88
	12H	28.42	29.20	28.90	29.68	30.14	28.23	29.01	28.71	29.49	29.96
8H	4H	27.74	28.61	28.20	29.06	29.52	27.65	28.52	28.11	28.96	29.42
	6H	28.47	29.19	28.96	29.68	30.15	28.33	29.06	28.83	29.55	30.02
	8H	28.78	29.43	29.29	29.94	30.42	28.62	29.27	29.13	29.78	30.26
	12H	29.00	29.57	29.51	30.06	30.62	28.81	29.38	29.31	29.87	30.43
12H	4H	27.78	28.56	28.25	29.03	29.50	27.68	28.46	28.16	28.94	29.41
	6H	28.52	29.17	29.03	29.68	30.17	28.40	29.05	28.91	29.55	30.04
	8H	28.90	29.47	29.40	29.96	30.52	28.74	29.32	29.25	29.81	30.37