

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: P1428167

Luminaire Tested: SQ2W-PR1-0U-100D-L830-UNV-STD-W-WM-4

Issue Date: 3/10/2026

Test Information

Test Method: LM-79-2019
Report Number: P1428167
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2303-941-3, G2-2308-131-9)
Test Lab: INNOVATION CENTER
Issue Date: 3/10/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ2W-PR1-0U-100D-L830-UNV-STD-W-WM-4
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE
DOWNLIGHT - PERCEIVE RIPPLE LENS
UPLIGHT - ASYMMETRIC ROLL LENS
DOWNLIGHT 1000 LUMENS PER FOOT
UPLIGHT N/A - DIRECT ONLY
Light Source: 3000K CCT, 80 CRI LEDS
Ballast/Driver: -

Summary

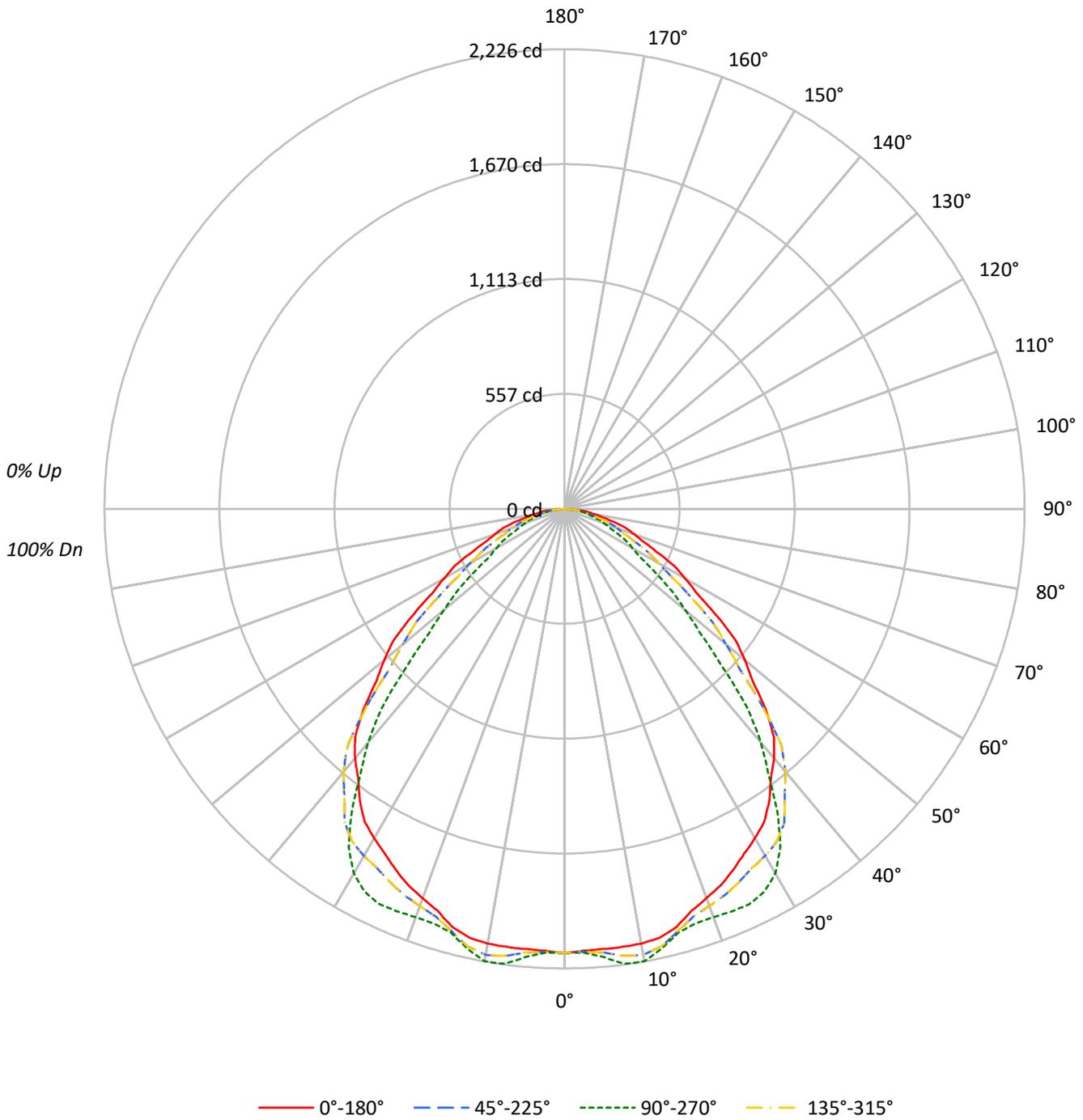
Lumens per Lamp: N/A
Luminaire Lumens: 5175.6 lumens
Efficiency: N/A
Efficacy: 137.6 lumens/watt
Spacing Criteria (0/90/45): 1.28 / 1.34 / 1.36
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 37.6
Input Voltage (V): 120
Input Current (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





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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	34734	34734	34734	34734
5°	34688	35329	34688	35329
10°	35053	36493	35053	36493
15°	35043	35520	35043	35520
20°	34477	36171	34477	36171
25°	34379	37660	34379	37660
30°	34343	38021	34343	38021
35°	34018	35399	34018	35399
40°	33231	31153	33231	31153
45°	31446	24635	31446	24635
50°	28587	19115	28587	19115
55°	25123	14877	25123	14877
60°	21738	12251	21738	12251
65°	18766	10724	18766	10724
70°	16876	9526	16876	9526
75°	15458	8752	15458	8752
80°	13454	8563	13454	8563
85°	9744	4057	9744	4057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 33759 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	207.8	4.0
10°-20°	601.4	11.6
20°-30°	929.7	18.0
30°-40°	1118.0	21.6
40°-50°	1004.0	19.4
50°-60°	672.7	13.0
60°-70°	391.3	7.6
70°-80°	201.0	3.9
80°-90°	49.6	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°	1738.9	33.6
0°-40°	2856.9	55.2
0°-60°	4533.7	87.6
0°-90°	5175.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5175.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2151	2151	2151	2151	2151	
5°	2140	2180	2140	2180	2140	204
15°	2096	2125	2096	2125	2096	589
25°	1930	2114	1930	2114	1930	890
35°	1726	1796	1726	1796	1726	1076
45°	1377	1079	1377	1079	1377	1053
55°	892	528	892	528	892	802
65°	491	281	491	281	491	497
75°	248	140	248	140	248	263
85°	53	22	53	22	53	67
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°	2151.3	2151.3	2151.3	2151.3	2151.3	2151.3	2151.3	2151.3	2151.3	2151.3	2151.3
2.5°	2142.5	2154.2	2165.9	2160.6	2149.7	2144.7	2145.4	2146.6	2149.0	2151.3	2149.0
5°	2140.3	2156.9	2173.5	2169.6	2158.8	2154.5	2156.4	2160.3	2170.1	2179.8	2170.1
7.5°	2139.9	2163.5	2187.1	2188.9	2183.4	2183.5	2189.2	2196.6	2209.5	2222.3	2209.5
10°	2138.1	2166.4	2194.7	2198.8	2194.9	2193.4	2194.4	2198.6	2212.2	2225.9	2212.2
12.5°	2127.6	2160.5	2193.5	2190.0	2174.4	2166.0	2164.6	2165.4	2172.8	2180.2	2172.8
15°	2096.5	2135.5	2174.4	2158.6	2124.5	2108.9	2111.8	2115.2	2120.1	2125.0	2120.1
17.5°	2041.6	2082.4	2123.1	2108.9	2076.3	2065.3	2075.9	2086.1	2095.7	2105.2	2095.7
20°	2006.6	2046.5	2086.5	2076.7	2050.4	2044.1	2057.7	2072.1	2088.7	2105.2	2088.7
22.5°	1975.0	2014.9	2054.9	2048.7	2027.0	2025.8	2044.9	2064.9	2087.7	2110.5	2087.7
25°	1929.8	1964.9	2000.0	2000.7	1990.0	2000.7	2032.9	2063.3	2088.7	2114.0	2088.7
27.5°	1882.4	1903.1	1923.8	1937.4	1948.7	1976.1	2019.6	2056.6	2074.3	2092.1	2074.3
30°	1842.1	1855.7	1869.4	1894.7	1924.0	1957.6	1995.6	2025.8	2032.6	2039.4	2032.6
32.5°	1798.2	1806.4	1814.6	1850.3	1895.1	1927.6	1947.6	1960.5	1951.7	1943.0	1951.7
35°	1725.9	1732.7	1739.5	1785.1	1843.5	1865.0	1849.4	1833.1	1814.5	1796.0	1814.5
37.5°	1639.9	1653.9	1668.0	1705.1	1749.9	1749.5	1703.9	1664.4	1643.2	1621.9	1643.2
40°	1576.7	1600.1	1623.5	1648.4	1673.7	1652.3	1584.0	1526.8	1502.4	1478.1	1502.4
42.5°	1499.5	1537.0	1574.4	1580.0	1574.9	1528.9	1441.9	1369.3	1339.5	1309.6	1339.5
45°	1377.2	1427.9	1478.5	1449.5	1394.0	1318.9	1224.4	1145.2	1112.1	1078.9	1112.1
47.5°	1232.9	1284.9	1337.0	1282.3	1192.0	1104.7	1020.3	949.3	918.3	887.3	918.3
50°	1138.1	1180.1	1222.0	1160.1	1063.6	975.9	896.9	829.2	795.1	761.0	795.1
52.5°	1041.7	1071.9	1102.1	1040.8	949.0	863.6	784.6	717.7	686.7	655.7	686.7
55°	892.5	908.1	923.7	866.9	786.1	708.1	633.0	571.4	549.9	528.5	549.9
57.5°	755.7	765.6	775.6	721.8	646.7	577.3	513.6	461.8	446.0	430.3	446.0
60°	673.2	680.1	686.9	632.3	557.3	494.9	445.2	404.7	392.1	379.4	392.1
62.5°	597.8	603.1	608.3	555.7	483.8	428.0	388.4	356.4	346.8	337.3	346.8
65°	491.2	496.1	501.0	456.1	394.7	348.9	318.7	294.3	287.5	280.7	287.5
67.5°	406.6	409.1	411.6	374.7	324.6	287.7	263.9	244.4	238.0	231.6	238.0
70°	357.5	358.4	359.4	326.8	282.9	250.2	228.8	211.5	206.6	201.8	206.6
72.5°	313.6	312.2	310.9	281.7	243.3	215.3	197.8	183.8	180.5	177.2	180.5
75°	247.8	244.9	242.0	217.8	186.6	165.2	153.5	144.2	142.3	140.3	142.3
77.5°	185.1	182.0	178.8	158.8	133.0	118.2	114.3	111.4	111.4	111.4	111.4
80°	144.7	140.8	136.9	121.3	101.9	92.1	92.1	92.1	92.1	92.1	92.1
82.5°	107.9	102.4	97.0	87.4	76.5	71.1	71.1	70.9	70.1	69.3	70.1
85°	52.6	47.8	42.9	41.7	41.7	38.7	32.9	27.8	24.9	21.9	24.9
87.5°	14.0	14.0	14.0	11.1	7.2	5.3	5.3	5.3	5.3	5.3	5.3
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):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
0°	2151.3	2151.3	2151.3	2151.3	2151.3	2151.3	2151.3	2151.3	2151.3	2151.3	2151.3
2.5°	2146.6	2145.4	2144.7	2149.7	2160.6	2165.9	2154.2	2142.5	2154.2	2165.9	2160.6
5°	2160.3	2156.4	2154.5	2158.8	2169.6	2173.5	2156.9	2140.3	2156.9	2173.5	2169.6
7.5°	2196.6	2189.2	2183.5	2183.4	2188.9	2187.1	2163.5	2139.9	2163.5	2187.1	2188.9
10°	2198.6	2194.4	2193.4	2194.9	2198.8	2194.7	2166.4	2138.1	2166.4	2194.7	2198.8
12.5°	2165.4	2164.6	2166.0	2174.4	2190.0	2193.5	2160.5	2127.6	2160.5	2193.5	2190.0
15°	2115.2	2111.8	2108.9	2124.5	2158.6	2174.4	2135.5	2096.5	2135.5	2174.4	2158.6
17.5°	2086.1	2075.9	2065.3	2076.3	2108.9	2123.1	2082.4	2041.6	2082.4	2123.1	2108.9
20°	2072.1	2057.7	2044.1	2050.4	2076.7	2086.5	2046.5	2006.6	2046.5	2086.5	2076.7
22.5°	2064.9	2044.9	2025.8	2027.0	2048.7	2054.9	2014.9	1975.0	2014.9	2054.9	2048.7
25°	2063.3	2032.9	2000.7	1990.0	2000.7	2000.0	1964.9	1929.8	1964.9	2000.0	2000.7
27.5°	2056.6	2019.6	1976.1	1948.7	1937.4	1923.8	1903.1	1882.4	1903.1	1923.8	1937.4
30°	2025.8	1995.6	1957.6	1924.0	1894.7	1869.4	1855.7	1842.1	1855.7	1869.4	1894.7
32.5°	1960.5	1947.6	1927.6	1895.1	1850.3	1814.6	1806.4	1798.2	1806.4	1814.6	1850.3
35°	1833.1	1849.4	1865.0	1843.5	1785.1	1739.5	1732.7	1725.9	1732.7	1739.5	1785.1
37.5°	1664.4	1703.9	1749.5	1749.9	1705.1	1668.0	1653.9	1639.9	1653.9	1668.0	1705.1
40°	1526.8	1584.0	1652.3	1673.7	1648.4	1623.5	1600.1	1576.7	1600.1	1623.5	1648.4
42.5°	1369.3	1441.9	1528.9	1574.9	1580.0	1574.4	1537.0	1499.5	1537.0	1574.4	1580.0
45°	1145.2	1224.4	1318.9	1394.0	1449.5	1478.5	1427.9	1377.2	1427.9	1478.5	1449.5
47.5°	949.3	1020.3	1104.7	1192.0	1282.3	1337.0	1284.9	1232.9	1284.9	1337.0	1282.3
50°	829.2	896.9	975.9	1063.6	1160.1	1222.0	1180.1	1138.1	1180.1	1222.0	1160.1
52.5°	717.7	784.6	863.6	949.0	1040.8	1102.1	1071.9	1041.7	1071.9	1102.1	1040.8
55°	571.4	633.0	708.1	786.1	866.9	923.7	908.1	892.5	908.1	923.7	866.9
57.5°	461.8	513.6	577.3	646.7	721.8	775.6	765.6	755.7	765.6	775.6	721.8
60°	404.7	445.2	494.9	557.3	632.3	686.9	680.1	673.2	680.1	686.9	632.3
62.5°	356.4	388.4	428.0	483.8	555.7	608.3	603.1	597.8	603.1	608.3	555.7
65°	294.3	318.7	348.9	394.7	456.1	501.0	496.1	491.2	496.1	501.0	456.1
67.5°	244.4	263.9	287.7	324.6	374.7	411.6	409.1	406.6	409.1	411.6	374.7
70°	211.5	228.8	250.2	282.9	326.8	359.4	358.4	357.5	358.4	359.4	326.8
72.5°	183.8	197.8	215.3	243.3	281.7	310.9	312.2	313.6	312.2	310.9	281.7
75°	144.2	153.5	165.2	186.6	217.8	242.0	244.9	247.8	244.9	242.0	217.8
77.5°	111.4	114.3	118.2	133.0	158.8	178.8	182.0	185.1	182.0	178.8	158.8
80°	92.1	92.1	92.1	101.9	121.3	136.9	140.8	144.7	140.8	136.9	121.3
82.5°	70.9	71.1	71.1	76.5	87.4	97.0	102.4	107.9	102.4	97.0	87.4
85°	27.8	32.9	38.7	41.7	41.7	42.9	47.8	52.6	47.8	42.9	41.7
87.5°	5.3	5.3	5.3	7.2	11.1	14.0	14.0	14.0	14.0	14.0	11.1
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°	2151.3	2151.3	2151.3	2151.3	2151.3	2151.3	2151.3	2151.3	2151.3	2151.3	2151.3
2.5°	2149.7	2144.7	2145.4	2146.6	2149.0	2151.3	2149.0	2146.6	2145.4	2144.7	2149.7
5°	2158.8	2154.5	2156.4	2160.3	2170.1	2179.8	2170.1	2160.3	2156.4	2154.5	2158.8
7.5°	2183.4	2183.5	2189.2	2196.6	2209.5	2222.3	2209.5	2196.6	2189.2	2183.5	2183.4
10°	2194.9	2193.4	2194.4	2198.6	2212.2	2225.9	2212.2	2198.6	2194.4	2193.4	2194.9
12.5°	2174.4	2166.0	2164.6	2165.4	2172.8	2180.2	2172.8	2165.4	2164.6	2166.0	2174.4
15°	2124.5	2108.9	2111.8	2115.2	2120.1	2125.0	2120.1	2115.2	2111.8	2108.9	2124.5
17.5°	2076.3	2065.3	2075.9	2086.1	2095.7	2105.2	2095.7	2086.1	2075.9	2065.3	2076.3
20°	2050.4	2044.1	2057.7	2072.1	2088.7	2105.2	2088.7	2072.1	2057.7	2044.1	2050.4
22.5°	2027.0	2025.8	2044.9	2064.9	2087.7	2110.5	2087.7	2064.9	2044.9	2025.8	2027.0
25°	1990.0	2000.7	2032.9	2063.3	2088.7	2114.0	2088.7	2063.3	2032.9	2000.7	1990.0
27.5°	1948.7	1976.1	2019.6	2056.6	2074.3	2092.1	2074.3	2056.6	2019.6	1976.1	1948.7
30°	1924.0	1957.6	1995.6	2025.8	2032.6	2039.4	2032.6	2025.8	1995.6	1957.6	1924.0
32.5°	1895.1	1927.6	1947.6	1960.5	1951.7	1943.0	1951.7	1960.5	1947.6	1927.6	1895.1
35°	1843.5	1865.0	1849.4	1833.1	1814.5	1796.0	1814.5	1833.1	1849.4	1865.0	1843.5
37.5°	1749.9	1749.5	1703.9	1664.4	1643.2	1621.9	1643.2	1664.4	1703.9	1749.5	1749.9
40°	1673.7	1652.3	1584.0	1526.8	1502.4	1478.1	1502.4	1526.8	1584.0	1652.3	1673.7
42.5°	1574.9	1528.9	1441.9	1369.3	1339.5	1309.6	1339.5	1369.3	1441.9	1528.9	1574.9
45°	1394.0	1318.9	1224.4	1145.2	1112.1	1078.9	1112.1	1145.2	1224.4	1318.9	1394.0
47.5°	1192.0	1104.7	1020.3	949.3	918.3	887.3	918.3	949.3	1020.3	1104.7	1192.0
50°	1063.6	975.9	896.9	829.2	795.1	761.0	795.1	829.2	896.9	975.9	1063.6
52.5°	949.0	863.6	784.6	717.7	686.7	655.7	686.7	717.7	784.6	863.6	949.0
55°	786.1	708.1	633.0	571.4	549.9	528.5	549.9	571.4	633.0	708.1	786.1
57.5°	646.7	577.3	513.6	461.8	446.0	430.3	446.0	461.8	513.6	577.3	646.7
60°	557.3	494.9	445.2	404.7	392.1	379.4	392.1	404.7	445.2	494.9	557.3
62.5°	483.8	428.0	388.4	356.4	346.8	337.3	346.8	356.4	388.4	428.0	483.8
65°	394.7	348.9	318.7	294.3	287.5	280.7	287.5	294.3	318.7	348.9	394.7
67.5°	324.6	287.7	263.9	244.4	238.0	231.6	238.0	244.4	263.9	287.7	324.6
70°	282.9	250.2	228.8	211.5	206.6	201.8	206.6	211.5	228.8	250.2	282.9
72.5°	243.3	215.3	197.8	183.8	180.5	177.2	180.5	183.8	197.8	215.3	243.3
75°	186.6	165.2	153.5	144.2	142.3	140.3	142.3	144.2	153.5	165.2	186.6
77.5°	133.0	118.2	114.3	111.4	111.4	111.4	111.4	111.4	114.3	118.2	133.0
80°	101.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	101.9
82.5°	76.5	71.1	71.1	70.9	70.1	69.3	70.1	70.9	71.1	71.1	76.5
85°	41.7	38.7	32.9	27.8	24.9	21.9	24.9	27.8	32.9	38.7	41.7
87.5°	7.2	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	7.2
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: P1428167

CATALOG NUMBER: SQ2W-PR1-0U-100D-L830-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
0°	2151.3	2151.3	2151.3	2151.3
2.5°	2160.6	2165.9	2154.2	2142.5
5°	2169.6	2173.5	2156.9	2140.3
7.5°	2188.9	2187.1	2163.5	2139.9
10°	2198.8	2194.7	2166.4	2138.1
12.5°	2190.0	2193.5	2160.5	2127.6
15°	2158.6	2174.4	2135.5	2096.5
17.5°	2108.9	2123.1	2082.4	2041.6
20°	2076.7	2086.5	2046.5	2006.6
22.5°	2048.7	2054.9	2014.9	1975.0
25°	2000.7	2000.0	1964.9	1929.8
27.5°	1937.4	1923.8	1903.1	1882.4
30°	1894.7	1869.4	1855.7	1842.1
32.5°	1850.3	1814.6	1806.4	1798.2
35°	1785.1	1739.5	1732.7	1725.9
37.5°	1705.1	1668.0	1653.9	1639.9
40°	1648.4	1623.5	1600.1	1576.7
42.5°	1580.0	1574.4	1537.0	1499.5
45°	1449.5	1478.5	1427.9	1377.2
47.5°	1282.3	1337.0	1284.9	1232.9
50°	1160.1	1222.0	1180.1	1138.1
52.5°	1040.8	1102.1	1071.9	1041.7
55°	866.9	923.7	908.1	892.5
57.5°	721.8	775.6	765.6	755.7
60°	632.3	686.9	680.1	673.2
62.5°	555.7	608.3	603.1	597.8
65°	456.1	501.0	496.1	491.2
67.5°	374.7	411.6	409.1	406.6
70°	326.8	359.4	358.4	357.5
72.5°	281.7	310.9	312.2	313.6
75°	217.8	242.0	244.9	247.8
77.5°	158.8	178.8	182.0	185.1
80°	121.3	136.9	140.8	144.7
82.5°	87.4	97.0	102.4	107.9
85°	41.7	42.9	47.8	52.6
87.5°	11.1	14.0	14.0	14.0
90°	0.0	0.0	0.0	0.0

TEST NUMBER: P1428167
 CATALOG NUMBER: SQ2W-PR1-0U-100D-L830-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	22.92	24.42	23.29	24.73	25.05	19.29	20.79	19.66	21.10	21.42
	3H	24.18	25.52	24.56	25.84	26.21	20.50	21.84	20.88	22.17	22.53
	4H	24.69	25.94	25.09	26.29	26.67	20.99	22.25	21.39	22.59	22.97
	6H	25.02	26.17	25.43	26.54	26.93	21.37	22.52	21.78	22.89	23.28
	8H	25.14	26.24	25.57	26.63	27.03	21.52	22.62	21.95	23.01	23.41
	12H	25.20	26.25	25.63	26.63	27.06	21.57	22.62	22.00	23.00	23.43
4H	2H	23.10	24.36	23.50	24.70	25.08	20.08	21.33	20.48	21.68	22.06
	3H	24.62	25.65	25.03	26.05	26.46	21.49	22.52	21.90	22.92	23.33
	4H	25.27	26.20	25.70	26.62	27.06	22.06	22.99	22.49	23.40	23.84
	6H	25.73	26.54	26.19	26.98	27.44	22.52	23.33	22.98	23.77	24.23
	8H	25.90	26.66	26.37	27.10	27.57	22.72	23.47	23.18	23.92	24.38
	12H	26.00	26.67	26.48	27.15	27.62	22.79	23.46	23.28	23.94	24.42
8H	4H	25.34	26.09	25.80	26.54	27.00	22.43	23.18	22.89	23.63	24.09
	6H	25.89	26.51	26.39	27.00	27.48	22.99	23.61	23.49	24.10	24.58
	8H	26.12	26.68	26.64	27.20	27.68	23.25	23.81	23.77	24.32	24.81
	12H	26.27	26.77	26.78	27.26	27.82	23.37	23.87	23.88	24.36	24.92
12H	4H	25.32	26.00	25.81	26.48	26.95	22.48	23.15	22.96	23.63	24.10
	6H	25.88	26.44	26.39	26.95	27.44	23.06	23.62	23.58	24.13	24.62
	8H	26.16	26.65	26.67	27.15	27.71	23.38	23.87	23.89	24.36	24.93