

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: P1428242

Luminaire Tested: SQ2W-PR1-K-075U-100D-L930-UNV-STD-W-WM-4

Issue Date: 3/10/2026

Test Information

Test Method: LM-79-2019
Report Number: P1428242
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-K-075U-100D-L930-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 750 LUMENS PER FOOT
Light Source: 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

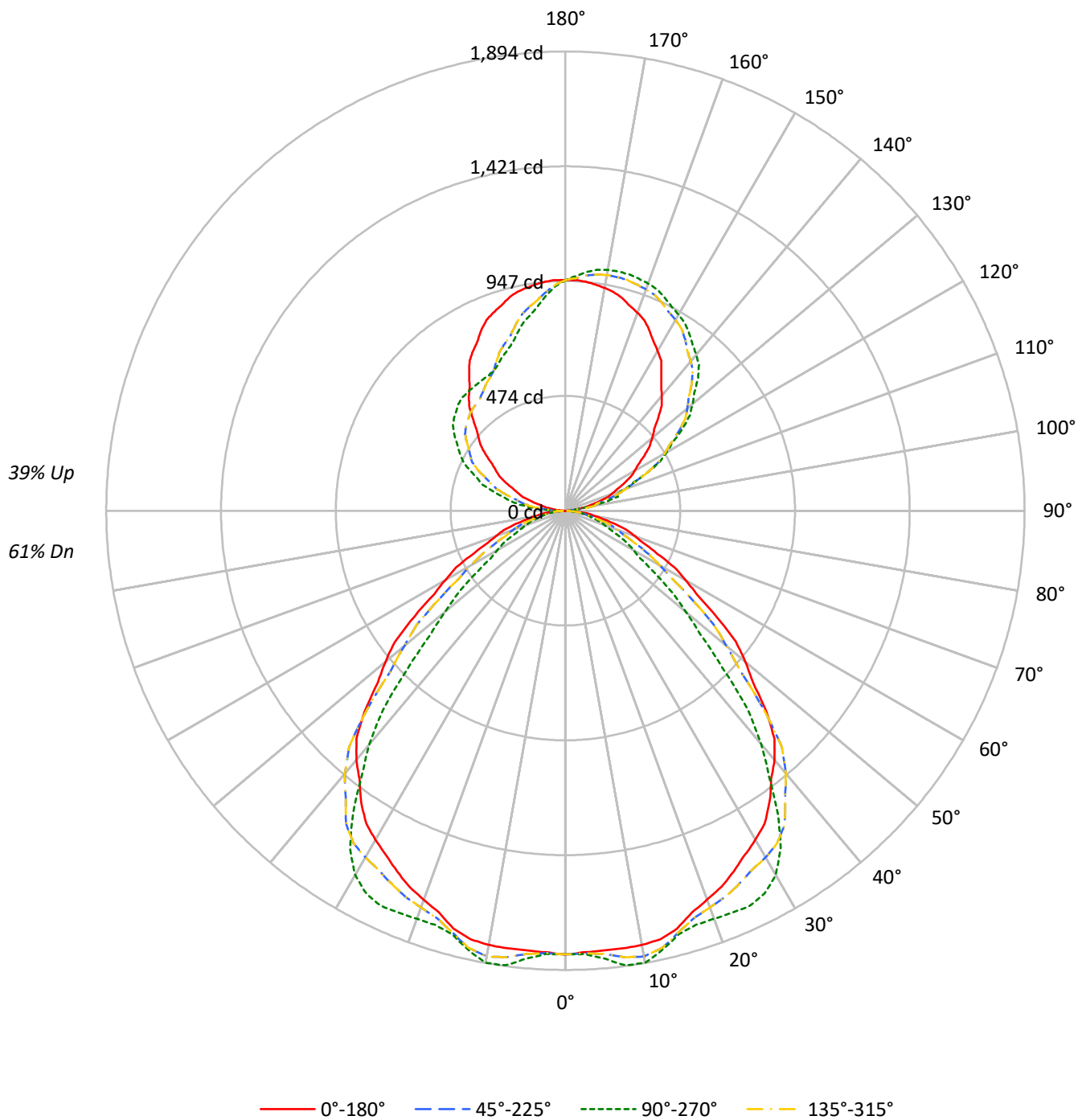
Lumens per Lamp: N/A
Luminaire Lumens: 7183.9 lumens
Efficiency: N/A
Efficacy: 117.4 lumens/watt
Spacing Criteria (0/90/45): 1.28 / 1.34 / 1.36
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: Semi-Direct

Input Watts (W): 61.2
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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Luminous Intensity Polar Plot



TEST NUMBER: P1428242

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	110	110	110	110	103	103	103	103	90	90	90	78	78	78	67	67	67
1	101	97	93	90	95	91	88	85	80	77	75	70	68	66	60	59	58
2	93	86	80	75	87	80	75	71	71	67	64	62	59	57	54	52	50
3	85	76	69	63	79	71	65	60	63	58	54	55	52	49	48	46	43
4	78	68	60	54	73	64	57	52	57	51	47	50	46	42	44	40	38
5	72	61	53	47	67	57	50	45	51	45	41	45	41	37	40	36	33
6	67	55	47	41	62	52	45	39	46	40	36	41	36	33	36	32	30
7	62	50	42	36	58	47	40	35	42	36	32	37	33	29	33	29	26
8	57	45	37	32	54	43	36	31	38	33	29	34	30	26	30	27	24
9	53	41	34	29	50	39	32	28	35	30	26	32	27	24	28	24	22
10	50	38	31	26	47	36	30	25	33	27	23	29	25	21	26	22	20

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	29546	29546	29546	29546
5°	29508	30053	29508	30053
10°	29819	31043	29819	31043
15°	29810	30214	29810	30214
20°	29328	30771	29328	30771
25°	29245	32036	29245	32036
30°	29214	32344	29214	32344
35°	28936	30113	28936	30113
40°	28270	26500	28270	26500
45°	26749	20956	26749	20956
50°	24319	16259	24319	16259
55°	21371	12656	21371	12656
60°	18493	10420	18493	10420
65°	15965	9123	15965	9123
70°	14355	8101	14355	8101
75°	13150	7448	13150	7448
80°	11446	7280	11446	7280
85°	8299	3464	8299	3464

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 28717 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	176.7	2.5
10°-20°	511.6	7.1
20°-30°	790.9	11.0
30°-40°	951.1	13.2
40°-50°	854.1	11.9
50°-60°	572.3	8.0
60°-70°	332.9	4.6
70°-80°	171.0	2.4
80°-90°	46.1	0.6
90°-100°	75.7	1.1
100°-110°	220.8	3.1
110°-120°	360.3	5.0
120°-130°	457.2	6.4
130°-140°	489.2	6.8
140°-150°	456.8	6.4
150°-160°	375.9	5.2
160°-170°	252.1	3.5
170°-180°	89.5	1.2
0°-30°	1479.2	20.6
0°-40°	2430.3	33.8
0°-60°	3856.6	53.7
0°-90°	4406.6	61.3
90°-120°	656.7	9.1
90°-150°	2059.9	28.7
90°-180°	2777.0	38.7
0°-180°	7183.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1830	1830	1830	1830	1830	
5°	1821	1854	1821	1854	1821	174
15°	1783	1808	1783	1808	1783	501
25°	1642	1798	1642	1798	1642	757
35°	1468	1528	1468	1528	1468	915
45°	1172	918	1172	918	1172	896
55°	759	450	759	450	759	682
65°	418	239	418	239	418	423
75°	211	119	211	119	211	224
85°	45	19	45	19	45	56
90°	3	21	3	41	3	4
95°	30	22	30	130	30	36
105°	140	225	140	309	140	149
115°	269	373	269	459	269	265
125°	398	591	398	563	398	356
135°	541	773	541	624	541	418
145°	691	892	691	637	691	432
155°	820	968	820	661	820	377
165°	907	1010	907	761	907	255
175°	948	989	948	893	948	90
180°	951	951	951	951	951	

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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
0°	1830.0	1830.0	1830.0	1830.0	1830.0	1830.0	1830.0	1830.0	1830.0	1830.0	1830.0
2.5°	1822.6	1832.5	1842.5	1838.0	1828.7	1824.4	1825.1	1826.0	1828.0	1830.0	1828.0
5°	1820.7	1834.8	1848.9	1845.6	1836.5	1832.7	1834.4	1837.7	1846.0	1854.3	1846.0
7.5°	1820.3	1840.4	1860.5	1862.0	1857.3	1857.4	1862.2	1868.6	1879.5	1890.5	1879.5
10°	1818.8	1842.9	1866.9	1870.4	1867.1	1865.9	1866.7	1870.2	1881.8	1893.5	1881.8
12.5°	1809.9	1837.9	1865.9	1863.0	1849.7	1842.5	1841.3	1842.0	1848.3	1854.7	1848.3
15°	1783.4	1816.6	1849.7	1836.2	1807.2	1794.0	1796.4	1799.3	1803.5	1807.6	1803.5
17.5°	1736.8	1771.4	1806.1	1794.0	1766.3	1756.9	1765.9	1774.6	1782.7	1790.9	1782.7
20°	1706.9	1740.9	1774.9	1766.6	1744.2	1738.8	1750.4	1762.7	1776.8	1790.9	1776.8
22.5°	1680.0	1714.0	1748.0	1742.7	1724.3	1723.2	1739.5	1756.5	1775.9	1795.3	1775.9
25°	1641.6	1671.5	1701.3	1701.9	1692.8	1701.9	1729.3	1755.2	1776.8	1798.3	1776.8
27.5°	1601.3	1618.9	1636.5	1648.1	1657.7	1681.0	1718.0	1749.5	1764.6	1779.7	1764.6
30°	1567.0	1578.6	1590.2	1611.8	1636.6	1665.2	1697.6	1723.3	1729.1	1734.9	1729.1
32.5°	1529.7	1536.6	1543.6	1574.0	1612.1	1639.7	1656.8	1667.7	1660.3	1652.8	1660.3
35°	1468.1	1473.9	1479.7	1518.5	1568.2	1586.5	1573.2	1559.3	1543.6	1527.8	1543.6
37.5°	1395.0	1406.9	1418.9	1450.5	1488.6	1488.3	1449.5	1415.9	1397.8	1379.7	1397.8
40°	1341.3	1361.2	1381.1	1402.2	1423.8	1405.5	1347.5	1298.8	1278.1	1257.3	1278.1
42.5°	1275.6	1307.4	1339.3	1344.0	1339.7	1300.6	1226.6	1164.8	1139.4	1114.1	1139.4
45°	1171.5	1214.6	1257.7	1233.1	1185.8	1122.0	1041.6	974.2	946.0	917.8	946.0
47.5°	1048.8	1093.0	1137.3	1090.8	1014.0	939.7	867.9	807.5	781.1	754.8	781.1
50°	968.2	1003.8	1039.5	986.8	904.8	830.1	763.0	705.4	676.3	647.3	676.3
52.5°	886.1	911.8	937.5	885.4	807.3	734.6	667.5	610.5	584.1	557.8	584.1
55°	759.2	772.5	785.8	737.5	668.7	602.3	538.5	486.1	467.8	449.6	467.8
57.5°	642.8	651.3	659.8	614.0	550.1	491.1	436.9	392.9	379.4	366.0	379.4
60°	572.7	578.5	584.3	537.9	474.0	421.0	378.7	344.3	333.5	322.7	333.5
62.5°	508.5	513.0	517.5	472.7	411.5	364.1	330.4	303.2	295.0	286.9	295.0
65°	417.9	422.0	426.2	388.0	335.8	296.8	271.1	250.4	244.6	238.8	244.6
67.5°	345.9	348.0	350.2	318.7	276.1	244.7	224.5	207.9	202.5	197.0	202.5
70°	304.1	304.9	305.7	278.0	240.6	212.9	194.6	179.9	175.8	171.6	175.8
72.5°	266.8	265.6	264.4	239.7	207.0	183.2	168.3	156.4	153.5	150.7	153.5
75°	210.8	208.3	205.8	185.3	158.8	140.5	130.6	122.7	121.0	119.4	121.0
77.5°	157.4	154.8	152.1	135.1	113.2	100.6	97.3	94.8	94.8	94.8	94.8
80°	123.1	119.8	116.5	103.2	86.6	78.3	78.3	78.3	78.3	78.3	78.3
82.5°	91.8	87.1	82.5	74.4	65.1	60.4	60.4	60.3	59.6	58.9	59.6
85°	44.8	40.6	36.5	35.4	35.4	33.0	28.0	23.6	21.1	18.7	21.1
87.5°	12.5	13.3	14.2	12.5	9.8	8.3	8.3	8.5	8.7	8.7	8.7
90°	2.9	6.7	11.5	15.4	18.3	19.2	19.2	20.2	21.1	21.1	21.1
92.5°	10.6	16.7	16.9	16.9	20.6	22.3	23.8	24.0	25.0	25.0	25.0
95°	29.8	32.7	49.0	48.0	32.7	25.9	22.1	22.1	22.1	22.1	22.1
97.5°	56.9	61.1	63.8	85.5	90.3	87.2	71.1	59.8	53.4	50.5	53.4
100°	80.7	82.6	88.4	89.4	113.4	136.4	124.9	110.5	105.7	102.8	105.7
102.5°	104.5	105.7	114.5	118.6	124.1	137.2	177.2	172.8	169.5	168.9	169.5
105°	140.3	141.2	157.6	165.3	169.1	169.1	168.1	187.4	218.1	224.8	218.1
107.5°	178.5	182.9	202.2	222.7	227.1	228.3	223.3	220.4	219.3	220.0	219.3
110°	204.7	211.4	234.4	260.4	267.1	269.0	267.1	264.2	262.3	262.3	262.3

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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
112.5°	230.0	239.8	266.0	295.7	307.1	312.8	308.6	306.5	304.6	306.1	304.6
115°	269.0	283.4	318.0	348.8	371.8	374.7	373.8	373.8	372.8	372.8	372.8
117.5°	305.2	328.2	367.0	402.8	429.5	437.2	441.0	439.9	438.7	440.6	438.7
120°	330.5	357.4	401.6	442.0	467.9	479.4	483.3	481.4	483.3	481.4	483.3
122.5°	357.4	390.5	433.9	475.8	506.3	519.4	524.0	524.4	524.8	523.6	524.8
125°	397.8	438.1	489.1	532.3	564.0	579.4	583.2	584.2	586.1	590.9	586.1
127.5°	438.5	484.2	540.2	581.9	614.3	633.0	638.9	641.0	645.1	647.2	645.1
130°	467.0	518.8	575.5	614.9	646.6	666.8	677.4	680.3	685.1	684.1	685.1
132.5°	496.9	551.1	608.6	649.5	678.9	700.6	709.7	717.9	719.6	721.0	719.6
135°	540.9	599.5	657.2	697.5	725.4	746.5	758.1	765.8	770.6	773.4	770.6
137.5°	587.2	649.1	704.5	740.4	768.5	786.7	799.8	807.8	812.8	815.1	812.8
140°	618.8	678.3	732.1	769.6	794.6	812.8	824.4	834.0	839.7	839.7	839.7
142.5°	648.7	707.5	759.8	797.3	819.2	835.9	848.2	855.5	862.0	862.0	862.0
145°	690.8	749.4	797.5	834.9	853.2	868.6	882.0	887.8	891.6	891.6	891.6
147.5°	734.8	786.7	830.5	866.5	881.8	899.9	910.5	915.1	919.9	917.8	919.9
150°	761.0	809.0	851.3	884.9	900.3	917.6	928.1	932.0	936.8	933.9	936.8
152.5°	786.3	832.1	870.5	901.8	914.9	932.2	944.3	948.1	951.4	949.3	951.4
155°	820.5	860.9	896.4	925.3	936.8	953.1	964.6	969.5	973.3	968.5	973.3
157.5°	851.1	885.9	916.8	943.3	955.6	969.6	980.4	986.4	990.2	988.1	990.2
160°	869.5	901.2	929.1	954.1	965.6	978.1	989.6	996.4	1000.2	997.3	1000.2
162.5°	884.9	913.5	939.9	962.5	972.5	983.5	997.3	1003.3	1007.1	1003.5	1007.1
165°	907.0	930.1	953.1	972.3	981.0	989.6	1004.0	1010.8	1013.7	1009.8	1013.7
167.5°	923.7	941.4	960.0	976.6	982.9	991.4	1005.8	1011.3	1015.0	1010.2	1015.0
170°	932.9	948.3	964.6	978.1	982.9	990.6	1005.0	1009.8	1012.7	1007.9	1012.7
172.5°	940.6	952.2	965.4	977.3	979.8	986.0	999.6	1004.4	1006.5	1002.5	1006.5
175°	948.3	955.0	964.6	972.3	971.4	975.2	986.7	990.6	994.4	988.7	994.4
177.5°	952.0	955.0	958.1	962.7	959.7	959.7	968.1	970.4	971.2	968.1	971.2
180°	951.2	951.2	951.2	951.2	951.2	951.2	951.2	951.2	951.2	951.2	951.2

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CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
0°	1830.0	1830.0	1830.0	1830.0	1830.0	1830.0	1830.0	1830.0	1830.0	1830.0	1830.0
2.5°	1826.0	1825.1	1824.4	1828.7	1838.0	1842.5	1832.5	1822.6	1832.5	1842.5	1838.0
5°	1837.7	1834.4	1832.7	1836.5	1845.6	1848.9	1834.8	1820.7	1834.8	1848.9	1845.6
7.5°	1868.6	1862.2	1857.4	1857.3	1862.0	1860.5	1840.4	1820.3	1840.4	1860.5	1862.0
10°	1870.2	1866.7	1865.9	1867.1	1870.4	1866.9	1842.9	1818.8	1842.9	1866.9	1870.4
12.5°	1842.0	1841.3	1842.5	1849.7	1863.0	1865.9	1837.9	1809.9	1837.9	1865.9	1863.0
15°	1799.3	1796.4	1794.0	1807.2	1836.2	1849.7	1816.6	1783.4	1816.6	1849.7	1836.2
17.5°	1774.6	1765.9	1756.9	1766.3	1794.0	1806.1	1771.4	1736.8	1771.4	1806.1	1794.0
20°	1762.7	1750.4	1738.8	1744.2	1766.6	1774.9	1740.9	1706.9	1740.9	1774.9	1766.6
22.5°	1756.5	1739.5	1723.2	1724.3	1742.7	1748.0	1714.0	1680.0	1714.0	1748.0	1742.7
25°	1755.2	1729.3	1701.9	1692.8	1701.9	1701.3	1671.5	1641.6	1671.5	1701.3	1701.9
27.5°	1749.5	1718.0	1681.0	1657.7	1648.1	1636.5	1618.9	1601.3	1618.9	1636.5	1648.1
30°	1723.3	1697.6	1665.2	1636.6	1611.8	1590.2	1578.6	1567.0	1578.6	1590.2	1611.8
32.5°	1667.7	1656.8	1639.7	1612.1	1574.0	1543.6	1536.6	1529.7	1536.6	1543.6	1574.0
35°	1559.3	1573.2	1586.5	1568.2	1518.5	1479.7	1473.9	1468.1	1473.9	1479.7	1518.5
37.5°	1415.9	1449.5	1488.3	1488.6	1450.5	1418.9	1406.9	1395.0	1406.9	1418.9	1450.5
40°	1298.8	1347.5	1405.5	1423.8	1402.2	1381.1	1361.2	1341.3	1361.2	1381.1	1402.2
42.5°	1164.8	1226.6	1300.6	1339.7	1344.0	1339.3	1307.4	1275.6	1307.4	1339.3	1344.0
45°	974.2	1041.6	1122.0	1185.8	1233.1	1257.7	1214.6	1171.5	1214.6	1257.7	1233.1
47.5°	807.5	867.9	939.7	1014.0	1090.8	1137.3	1093.0	1048.8	1093.0	1137.3	1090.8
50°	705.4	763.0	830.1	904.8	986.8	1039.5	1003.8	968.2	1003.8	1039.5	986.8
52.5°	610.5	667.5	734.6	807.3	885.4	937.5	911.8	886.1	911.8	937.5	885.4
55°	486.1	538.5	602.3	668.7	737.5	785.8	772.5	759.2	772.5	785.8	737.5
57.5°	392.9	436.9	491.1	550.1	614.0	659.8	651.3	642.8	651.3	659.8	614.0
60°	344.3	378.7	421.0	474.0	537.9	584.3	578.5	572.7	578.5	584.3	537.9
62.5°	303.2	330.4	364.1	411.5	472.7	517.5	513.0	508.5	513.0	517.5	472.7
65°	250.4	271.1	296.8	335.8	388.0	426.2	422.0	417.9	422.0	426.2	388.0
67.5°	207.9	224.5	244.7	276.1	318.7	350.2	348.0	345.9	348.0	350.2	318.7
70°	179.9	194.6	212.9	240.6	278.0	305.7	304.9	304.1	304.9	305.7	278.0
72.5°	156.4	168.3	183.2	207.0	239.7	264.4	265.6	266.8	265.6	264.4	239.7
75°	122.7	130.6	140.5	158.8	185.3	205.8	208.3	210.8	208.3	205.8	185.3
77.5°	94.8	97.3	100.6	113.2	135.1	152.1	154.8	157.4	154.8	152.1	135.1
80°	78.3	78.3	78.3	86.6	103.2	116.5	119.8	123.1	119.8	116.5	103.2
82.5°	60.3	60.4	60.4	65.1	74.4	82.5	87.1	91.8	87.1	82.5	74.4
85°	23.6	28.0	33.0	35.4	35.4	36.5	40.6	44.8	40.6	36.5	35.4
87.5°	8.5	8.3	8.3	9.8	12.5	14.2	13.3	12.5	13.3	14.1	12.9
90°	20.2	19.2	19.2	18.3	15.4	11.5	6.7	2.9	6.7	10.6	17.3
92.5°	24.0	23.8	22.3	20.6	16.9	16.9	16.7	10.6	18.3	25.9	37.3
95°	22.1	22.1	25.9	32.7	48.0	49.0	32.7	29.8	42.3	59.6	74.9
97.5°	59.8	71.1	87.2	90.3	85.5	63.8	61.1	56.9	77.4	94.5	119.3
100°	110.5	124.9	136.4	113.4	89.4	88.4	82.6	80.7	102.8	119.1	143.2
102.5°	172.8	177.2	137.2	124.1	118.6	114.5	105.7	104.5	126.6	149.1	169.3
105°	187.4	168.1	169.1	169.1	165.3	157.6	141.2	140.3	165.3	191.2	216.2
107.5°	220.4	223.3	228.3	227.1	222.7	202.2	182.9	178.5	201.0	232.1	259.6
110°	264.2	267.1	269.0	267.1	260.4	234.4	211.4	204.7	224.8	257.5	287.3

TEST NUMBER: P1428242

CATALOG NUMBER: SQ2W-PR1-K-075U-100D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
112.5°	306.5	308.6	312.8	307.1	295.7	266.0	239.8	230.0	250.2	283.6	314.2
115°	373.8	373.8	374.7	371.8	348.8	318.0	283.4	269.0	286.3	317.1	350.7
117.5°	439.9	441.0	437.2	429.5	402.8	367.0	328.2	305.2	318.8	351.3	385.9
120°	481.4	483.3	479.4	467.9	442.0	401.6	357.4	330.5	341.1	372.8	407.4
122.5°	524.4	524.0	519.4	506.3	475.8	433.9	390.5	357.4	361.8	391.2	425.1
125°	584.2	583.2	579.4	564.0	532.3	489.1	438.1	397.8	392.0	417.0	451.6
127.5°	641.0	638.9	633.0	614.3	581.9	540.2	484.2	438.5	425.6	441.4	473.1
130°	680.3	677.4	666.8	646.6	614.9	575.5	518.8	467.0	448.7	458.3	486.2
132.5°	717.9	709.7	700.6	678.9	649.5	608.6	551.1	496.9	471.8	476.0	497.7
135°	765.8	758.1	746.5	725.4	697.5	657.2	599.5	540.9	506.3	502.5	515.0
137.5°	807.8	799.8	786.7	768.5	740.4	704.5	649.1	587.2	543.6	530.7	535.6
140°	834.0	824.4	812.8	794.6	769.6	732.1	678.3	618.8	569.8	551.5	548.6
142.5°	855.5	848.2	835.9	819.2	797.3	759.8	707.5	648.7	596.7	573.0	566.3
145°	887.8	882.0	868.6	853.2	834.9	797.5	749.4	690.8	638.9	608.2	593.8
147.5°	915.1	910.5	899.9	881.8	866.5	830.5	786.7	734.8	681.6	643.5	624.9
150°	932.0	928.1	917.6	900.3	884.9	851.3	809.0	761.0	710.0	669.7	645.7
152.5°	948.1	944.3	932.2	914.9	901.8	870.5	832.1	786.3	734.6	694.3	669.5
155°	969.5	964.6	953.1	936.8	925.3	896.4	860.9	820.5	776.3	734.1	706.2
157.5°	986.4	980.4	969.6	955.6	943.3	916.8	885.9	851.1	812.5	772.1	743.7
160°	996.4	989.6	978.1	965.6	954.1	929.1	901.2	869.5	834.0	797.5	766.7
162.5°	1003.3	997.3	983.5	972.5	962.5	939.9	913.5	884.9	853.2	821.3	792.9
165°	1010.8	1004.0	989.6	981.0	972.3	953.1	930.1	907.0	880.1	854.2	831.1
167.5°	1011.3	1005.8	991.4	982.9	976.6	960.0	941.4	923.7	902.8	882.4	863.2
170°	1009.8	1005.0	990.6	982.9	978.1	964.6	948.3	932.9	916.6	899.3	883.9
172.5°	1004.4	999.6	986.0	979.8	977.3	965.4	952.2	940.6	926.6	913.9	901.6
175°	990.6	986.7	975.2	971.4	972.3	964.6	955.0	948.3	939.7	932.0	925.3
177.5°	970.4	968.1	959.7	959.7	962.7	958.1	955.0	952.0	948.1	945.8	943.5
180°	951.2	951.2	951.2	951.2	951.2	951.2	951.2	951.2	951.2	951.2	951.2

TEST NUMBER: P1428242

CATALOG NUMBER: SQ2W-PR1-K-075U-100D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
0°	1830.0	1830.0	1830.0	1830.0	1830.0	1830.0	1830.0	1830.0	1830.0	1830.0	1830.0
2.5°	1828.7	1824.4	1825.1	1826.0	1828.0	1830.0	1828.0	1826.0	1825.1	1824.4	1828.7
5°	1836.5	1832.7	1834.4	1837.7	1846.0	1854.3	1846.0	1837.7	1834.4	1832.7	1836.5
7.5°	1857.3	1857.4	1862.2	1868.6	1879.5	1890.5	1879.5	1868.6	1862.2	1857.4	1857.3
10°	1867.1	1865.9	1866.7	1870.2	1881.8	1893.5	1881.8	1870.2	1866.7	1865.9	1867.1
12.5°	1849.7	1842.5	1841.3	1842.0	1848.3	1854.7	1848.3	1842.0	1841.3	1842.5	1849.7
15°	1807.2	1794.0	1796.4	1799.3	1803.5	1807.6	1803.5	1799.3	1796.4	1794.0	1807.2
17.5°	1766.3	1756.9	1765.9	1774.6	1782.7	1790.9	1782.7	1774.6	1765.9	1756.9	1766.3
20°	1744.2	1738.8	1750.4	1762.7	1776.8	1790.9	1776.8	1762.7	1750.4	1738.8	1744.2
22.5°	1724.3	1723.2	1739.5	1756.5	1775.9	1795.3	1775.9	1756.5	1739.5	1723.2	1724.3
25°	1692.8	1701.9	1729.3	1755.2	1776.8	1798.3	1776.8	1755.2	1729.3	1701.9	1692.8
27.5°	1657.7	1681.0	1718.0	1749.5	1764.6	1779.7	1764.6	1749.5	1718.0	1681.0	1657.7
30°	1636.6	1665.2	1697.6	1723.3	1729.1	1734.9	1729.1	1723.3	1697.6	1665.2	1636.6
32.5°	1612.1	1639.7	1656.8	1667.7	1660.3	1652.8	1660.3	1667.7	1656.8	1639.7	1612.1
35°	1568.2	1586.5	1573.2	1559.3	1543.6	1527.8	1543.6	1559.3	1573.2	1586.5	1568.2
37.5°	1488.6	1488.3	1449.5	1415.9	1397.8	1379.7	1397.8	1415.9	1449.5	1488.3	1488.6
40°	1423.8	1405.5	1347.5	1298.8	1278.1	1257.3	1278.1	1298.8	1347.5	1405.5	1423.8
42.5°	1339.7	1300.6	1226.6	1164.8	1139.4	1114.1	1139.4	1164.8	1226.6	1300.6	1339.7
45°	1185.8	1122.0	1041.6	974.2	946.0	917.8	946.0	974.2	1041.6	1122.0	1185.8
47.5°	1014.0	939.7	867.9	807.5	781.1	754.8	781.1	807.5	867.9	939.7	1014.0
50°	904.8	830.1	763.0	705.4	676.3	647.3	676.3	705.4	763.0	830.1	904.8
52.5°	807.3	734.6	667.5	610.5	584.1	557.8	584.1	610.5	667.5	734.6	807.3
55°	668.7	602.3	538.5	486.1	467.8	449.6	467.8	486.1	538.5	602.3	668.7
57.5°	550.1	491.1	436.9	392.9	379.4	366.0	379.4	392.9	436.9	491.1	550.1
60°	474.0	421.0	378.7	344.3	333.5	322.7	333.5	344.3	378.7	421.0	474.0
62.5°	411.5	364.1	330.4	303.2	295.0	286.9	295.0	303.2	330.4	364.1	411.5
65°	335.8	296.8	271.1	250.4	244.6	238.8	244.6	250.4	271.1	296.8	335.8
67.5°	276.1	244.7	224.5	207.9	202.5	197.0	202.5	207.9	224.5	244.7	276.1
70°	240.6	212.9	194.6	179.9	175.8	171.6	175.8	179.9	194.6	212.9	240.6
72.5°	207.0	183.2	168.3	156.4	153.5	150.7	153.5	156.4	168.3	183.2	207.0
75°	158.8	140.5	130.6	122.7	121.0	119.4	121.0	122.7	130.6	140.5	158.8
77.5°	113.2	100.6	97.3	94.8	94.8	94.8	94.8	94.8	97.3	100.6	113.2
80°	86.6	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	86.6
82.5°	65.1	60.4	60.4	60.3	59.6	58.9	59.6	60.3	60.4	60.4	65.1
85°	35.4	33.0	28.0	23.6	21.1	18.7	21.1	23.6	28.0	33.0	35.4
87.5°	10.6	10.2	11.6	12.4	13.1	12.7	13.1	12.4	11.6	10.2	10.6
90°	22.1	28.8	35.5	39.4	43.2	41.3	43.2	39.4	35.5	28.8	22.1
92.5°	44.4	55.7	64.0	70.9	74.0	73.6	74.0	70.9	64.0	55.7	44.4
95°	89.4	102.8	116.3	125.9	131.6	129.7	131.6	125.9	116.3	102.8	89.4
97.5°	137.8	155.8	170.8	179.9	185.6	189.5	185.6	179.9	170.8	155.8	137.8
100°	170.1	187.4	204.7	215.2	224.8	228.7	224.8	215.2	204.7	187.4	170.1
102.5°	196.2	218.9	237.7	249.0	257.1	261.0	257.1	249.0	237.7	218.9	196.2
105°	239.2	263.3	283.4	297.8	306.5	309.4	306.5	297.8	283.4	263.3	239.2
107.5°	282.3	307.1	325.7	341.7	352.2	358.4	352.2	341.7	325.7	307.1	282.3
110°	316.1	336.3	356.5	370.9	381.4	385.3	381.4	370.9	356.5	336.3	316.1

TEST NUMBER: P1428242

CATALOG NUMBER: SQ2W-PR1-K-075U-100D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
112.5°	344.5	367.0	387.2	401.6	413.7	419.1	413.7	401.6	387.2	367.0	344.5
115°	384.3	414.1	432.4	445.8	454.5	459.3	454.5	445.8	432.4	414.1	384.3
117.5°	417.4	448.5	468.5	478.9	482.9	486.4	482.9	478.9	468.5	448.5	417.4
120°	438.1	467.0	490.0	503.5	508.3	510.2	508.3	503.5	490.0	467.0	438.1
122.5°	457.3	484.6	506.9	523.4	531.3	533.2	531.3	523.4	506.9	484.6	457.3
125°	484.2	510.2	533.2	549.6	558.2	563.0	558.2	549.6	533.2	510.2	484.2
127.5°	507.7	535.7	556.9	571.7	580.1	584.0	580.1	571.7	556.9	535.7	507.7
130°	520.8	549.6	570.7	587.1	594.7	598.6	594.7	587.1	570.7	549.6	520.8
132.5°	530.7	561.1	583.0	597.8	606.3	610.1	606.3	597.8	583.0	561.1	530.7
135°	542.9	574.6	597.6	612.0	619.7	623.6	619.7	612.0	597.6	574.6	542.9
137.5°	553.4	582.2	606.3	621.4	628.4	630.9	628.4	621.4	606.3	582.2	553.4
140°	561.1	586.1	610.1	624.5	632.2	633.2	632.2	624.5	610.1	586.1	561.1
142.5°	571.1	590.7	611.6	626.1	633.7	635.5	633.7	626.1	611.6	590.7	571.1
145°	589.0	600.5	614.9	628.4	635.1	637.0	635.1	628.4	614.9	600.5	589.0
147.5°	611.5	615.1	622.6	631.4	638.0	639.3	638.0	631.4	622.6	615.1	611.5
150°	628.4	627.4	630.3	636.1	641.8	640.9	641.8	636.1	630.3	627.4	628.4
152.5°	647.6	642.0	641.8	644.5	647.2	647.0	647.2	644.5	641.8	642.0	647.6
155°	680.3	669.7	663.9	662.0	662.0	661.0	662.0	662.0	663.9	669.7	680.3
157.5°	716.2	701.4	692.7	688.1	686.8	684.7	686.8	688.1	692.7	701.4	716.2
160°	740.8	724.4	715.8	708.1	705.2	702.3	705.2	708.1	715.8	724.4	740.8
162.5°	763.8	748.3	738.9	731.9	729.1	724.6	729.1	731.9	738.9	748.3	763.8
165°	801.3	785.0	774.4	768.6	764.8	761.0	764.8	768.6	774.4	785.0	801.3
167.5°	838.8	820.9	814.0	807.5	803.8	796.9	803.8	807.5	814.0	820.9	838.8
170°	861.8	845.5	841.7	835.9	829.2	821.5	829.2	835.9	841.7	845.5	861.8
172.5°	881.8	870.9	867.0	861.3	859.2	853.0	859.2	861.3	867.0	870.9	881.8
175°	910.8	902.2	902.2	901.2	898.4	892.6	898.4	901.2	902.2	902.2	910.8
177.5°	935.1	930.4	933.5	933.5	932.8	927.4	932.8	933.5	933.5	930.4	935.1
180°	951.2	951.2	951.2	951.2	951.2	951.2	951.2	951.2	951.2	951.2	951.2

TEST NUMBER: P1428242

CATALOG NUMBER: SQ2W-PR1-K-075U-100D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
0°	1830.0	1830.0	1830.0	1830.0
2.5°	1838.0	1842.5	1832.5	1822.6
5°	1845.6	1848.9	1834.8	1820.7
7.5°	1862.0	1860.5	1840.4	1820.3
10°	1870.4	1866.9	1842.9	1818.8
12.5°	1863.0	1865.9	1837.9	1809.9
15°	1836.2	1849.7	1816.6	1783.4
17.5°	1794.0	1806.1	1771.4	1736.8
20°	1766.6	1774.9	1740.9	1706.9
22.5°	1742.7	1748.0	1714.0	1680.0
25°	1701.9	1701.3	1671.5	1641.6
27.5°	1648.1	1636.5	1618.9	1601.3
30°	1611.8	1590.2	1578.6	1567.0
32.5°	1574.0	1543.6	1536.6	1529.7
35°	1518.5	1479.7	1473.9	1468.1
37.5°	1450.5	1418.9	1406.9	1395.0
40°	1402.2	1381.1	1361.2	1341.3
42.5°	1344.0	1339.3	1307.4	1275.6
45°	1233.1	1257.7	1214.6	1171.5
47.5°	1090.8	1137.3	1093.0	1048.8
50°	986.8	1039.5	1003.8	968.2
52.5°	885.4	937.5	911.8	886.1
55°	737.5	785.8	772.5	759.2
57.5°	614.0	659.8	651.3	642.8
60°	537.9	584.3	578.5	572.7
62.5°	472.7	517.5	513.0	508.5
65°	388.0	426.2	422.0	417.9
67.5°	318.7	350.2	348.0	345.9
70°	278.0	305.7	304.9	304.1
72.5°	239.7	264.4	265.6	266.8
75°	185.3	205.8	208.3	210.8
77.5°	135.1	152.1	154.8	157.4
80°	103.2	116.5	119.8	123.1
82.5°	74.4	82.5	87.1	91.8
85°	35.4	36.5	40.6	44.8
87.5°	12.9	14.1	13.3	12.5
90°	17.3	10.6	6.7	2.9
92.5°	37.3	25.9	18.3	10.6
95°	74.9	59.6	42.3	29.8
97.5°	119.3	94.5	77.4	56.9
100°	143.2	119.1	102.8	80.7
102.5°	169.3	149.1	126.6	104.5
105°	216.2	191.2	165.3	140.3
107.5°	259.6	232.1	201.0	178.5
110°	287.3	257.5	224.8	204.7

TEST NUMBER: P1428242

CATALOG NUMBER: SQ2W-PR1-K-075U-100D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
112.5°	314.2	283.6	250.2	230.0
115°	350.7	317.1	286.3	269.0
117.5°	385.9	351.3	318.8	305.2
120°	407.4	372.8	341.1	330.5
122.5°	425.1	391.2	361.8	357.4
125°	451.6	417.0	392.0	397.8
127.5°	473.1	441.4	425.6	438.5
130°	486.2	458.3	448.7	467.0
132.5°	497.7	476.0	471.8	496.9
135°	515.0	502.5	506.3	540.9
137.5°	535.6	530.7	543.6	587.2
140°	548.6	551.5	569.8	618.8
142.5°	566.3	573.0	596.7	648.7
145°	593.8	608.2	638.9	690.8
147.5°	624.9	643.5	681.6	734.8
150°	645.7	669.7	710.0	761.0
152.5°	669.5	694.3	734.6	786.3
155°	706.2	734.1	776.3	820.5
157.5°	743.7	772.1	812.5	851.1
160°	766.7	797.5	834.0	869.5
162.5°	792.9	821.3	853.2	884.9
165°	831.1	854.2	880.1	907.0
167.5°	863.2	882.4	902.8	923.7
170°	883.9	899.3	916.6	932.9
172.5°	901.6	913.9	926.6	940.6
175°	925.3	932.0	939.7	948.3
177.5°	943.5	945.8	948.1	952.0
180°	951.2	951.2	951.2	951.2

TEST NUMBER: P1428242

CATALOG NUMBER: SQ2W-PR1-K-075U-100D-L930-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	19.44	20.36	20.30	21.24	22.34	15.81	16.73	16.67	17.60	18.71
	3H	20.65	21.47	21.52	22.36	23.49	16.97	17.80	17.85	18.68	19.81
	4H	21.14	21.91	22.03	22.80	23.95	17.44	18.21	18.33	19.11	20.25
	6H	21.44	22.15	22.34	23.05	24.20	17.78	18.50	18.69	19.40	20.55
	8H	21.54	22.22	22.45	23.14	24.29	17.92	18.60	18.83	19.52	20.67
	12H	21.58	22.23	22.50	23.14	24.32	17.96	18.60	18.87	19.51	20.69
4H	2H	19.55	20.32	20.45	21.22	22.36	16.53	17.30	17.42	18.19	19.33
	3H	21.01	21.66	21.92	22.58	23.74	17.89	18.53	18.79	19.45	20.61
	4H	21.65	22.23	22.56	23.15	24.33	18.43	19.02	19.35	19.94	21.12
	6H	22.08	22.58	23.01	23.53	24.71	18.87	19.37	19.80	20.32	21.50
	8H	22.24	22.71	23.17	23.65	24.84	19.05	19.52	19.99	20.46	21.66
	12H	22.31	22.73	23.26	23.69	24.89	19.10	19.53	20.06	20.48	21.68
8H	4H	21.67	22.14	22.61	23.08	24.28	18.77	19.23	19.70	20.17	21.37
	6H	22.21	22.60	23.17	23.58	24.77	19.31	19.69	20.27	20.68	21.87
	8H	22.44	22.79	23.41	23.76	24.97	19.57	19.91	20.54	20.88	22.09
	12H	22.56	22.87	23.54	23.83	25.09	19.67	19.97	20.64	20.93	22.19
12H	4H	21.64	22.06	22.59	23.01	24.21	18.79	19.21	19.74	20.17	21.37
	6H	22.20	22.54	23.17	23.51	24.72	19.38	19.72	20.35	20.69	21.90
	8H	22.45	22.75	23.42	23.72	24.98	19.67	19.97	20.64	20.94	22.20

END OF REPORT