

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: P1428075

Luminaire Tested: SQ2W-PP3-K-075U-100D-L935-UNV-STD-W-WM-4

Issue Date: 3/10/2026

Test Information

Test Method: LM-79-2019
Report Number: P1428075
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-K-075U-100D-L935-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 750 LUMENS PER FOOT
Light Source: 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

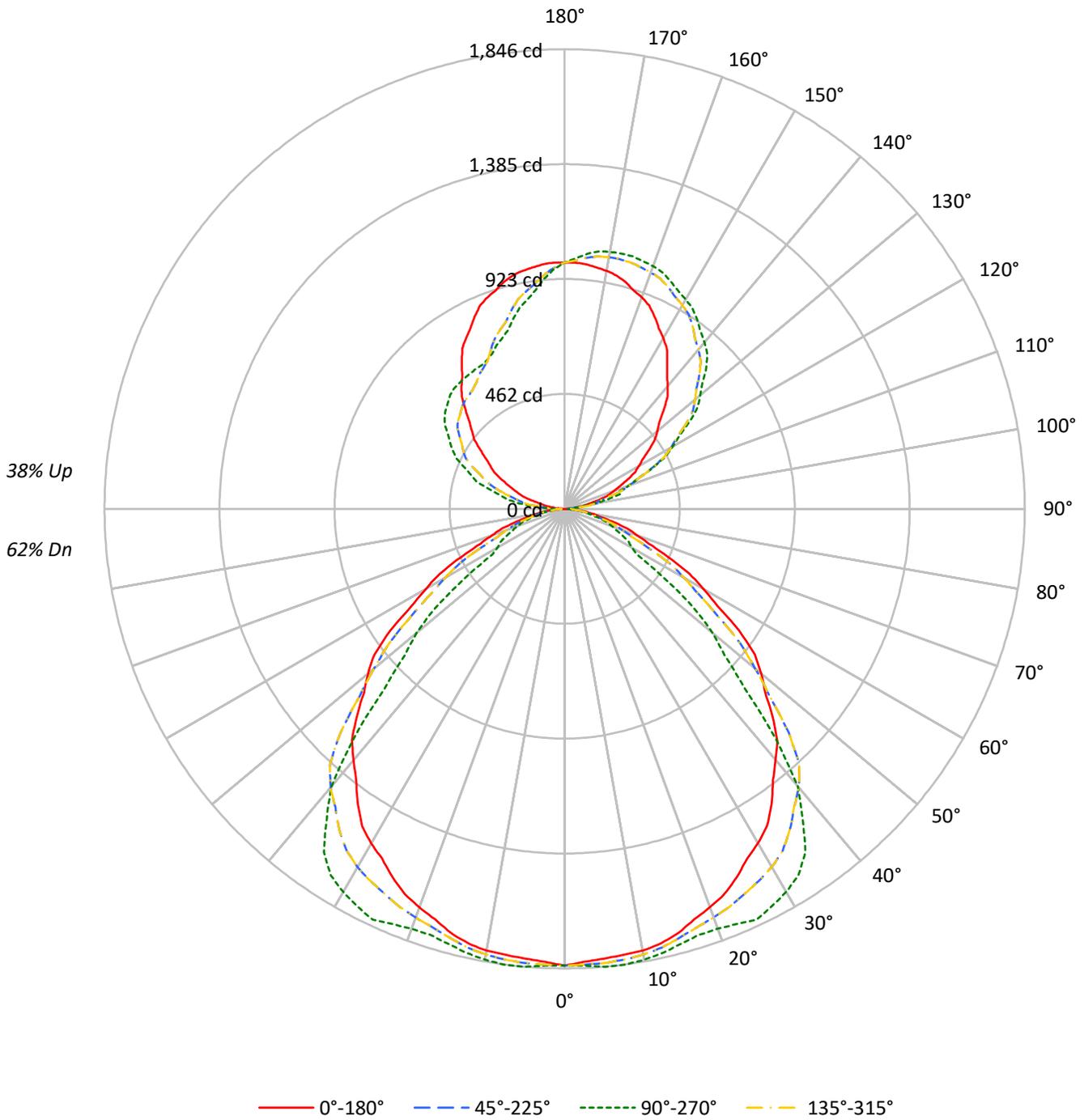
Lumens per Lamp: N/A
Luminaire Lumens: 7512.7 lumens
Efficiency: N/A
Efficacy: 122.8 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.41 / 1.4
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: Semi-Direct

Input Watts (W): 61.2
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	0
RCR																		
0	110	110	110	110	103	103	103	103	90	90	90	78	78	78	67	67	67	62
1	101	97	93	90	95	91	88	85	80	77	75	70	68	66	60	59	58	53
2	93	85	79	74	86	80	75	71	71	67	63	62	59	56	54	51	50	46
3	85	76	68	63	79	71	65	60	63	58	54	55	51	48	48	45	43	39
4	78	67	59	54	73	63	56	51	56	51	46	49	45	42	43	40	37	34
5	72	60	52	46	67	57	50	44	50	45	40	45	40	36	39	36	33	30
6	66	54	46	40	62	51	44	39	46	40	35	40	36	32	36	32	29	26
7	61	49	41	36	57	46	39	34	41	36	31	37	32	29	33	29	26	23
8	57	45	37	32	53	42	35	30	38	32	28	34	29	26	30	26	23	21
9	53	41	33	28	50	39	32	27	35	29	25	31	26	23	28	24	21	19
10	50	37	30	25	47	36	29	24	32	27	23	29	24	21	26	22	19	17

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	29624	29624	29624	29624
5°	29392	29927	29392	29927
10°	29541	30145	29541	30145
15°	29470	30216	29470	30216
20°	29259	30826	29259	30826
25°	29093	32446	29093	32446
30°	28929	33122	28929	33122
35°	28519	33182	28519	33182
40°	27758	30660	27758	30660
45°	26927	23340	26927	23340
50°	25869	19439	25869	19439
55°	24076	13976	24076	13976
60°	20731	10020	20731	10020
65°	17486	9857	17486	9857
70°	14558	9432	14558	9432
75°	12339	8833	12339	8833
80°	10460	7931	10460	7931
85°	8262	4316	8262	4316

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 40°
 Vertical Angle: 45°
 Luminance: 29455 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	174.7	2.3
10°-20°	505.6	6.7
20°-30°	792.2	10.5
30°-40°	977.2	13.0
40°-50°	920.0	12.2
50°-60°	651.4	8.7
60°-70°	371.2	4.9
70°-80°	183.7	2.4
80°-90°	49.0	0.7
90°-100°	78.7	1.0
100°-110°	229.5	3.1
110°-120°	374.6	5.0
120°-130°	475.3	6.3
130°-140°	508.6	6.8
140°-150°	474.9	6.3
150°-160°	390.8	5.2
160°-170°	262.1	3.5
170°-180°	93.1	1.2
0°-30°	1472.5	19.6
0°-40°	2449.7	32.6
0°-60°	4021.1	53.5
0°-90°	4625.1	61.6
90°-120°	682.8	9.1
90°-150°	2141.7	28.5
90°-180°	2888.0	38.4
0°-180°	7512.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1835	1835	1835	1835	1835	
5°	1814	1846	1814	1846	1814	173
15°	1763	1808	1763	1808	1763	497
25°	1633	1821	1633	1821	1633	752
35°	1447	1684	1447	1684	1447	902
45°	1179	1022	1179	1022	1179	908
55°	855	496	855	496	855	755
65°	458	258	458	258	458	460
75°	198	142	198	142	198	214
85°	45	23	45	23	45	52
90°	3	22	3	43	3	4
95°	31	23	31	135	31	37
105°	146	234	146	322	146	155
115°	280	388	280	478	280	276
125°	414	614	414	585	414	370
135°	562	804	562	648	562	435
145°	718	927	718	662	718	449
155°	853	1007	853	687	853	392
165°	943	1050	943	791	943	265
175°	986	1028	986	928	986	94
180°	989	989	989	989	989	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
0°	1834.8	1834.8	1834.8	1834.8	1834.8	1834.8	1834.8	1834.8	1834.8	1834.8	1834.8
2.5°	1820.9	1832.6	1844.3	1841.6	1834.0	1830.9	1832.2	1833.6	1835.0	1836.4	1835.0
5°	1813.5	1828.1	1842.8	1840.6	1832.9	1829.9	1831.6	1834.4	1840.4	1846.5	1840.4
7.5°	1806.5	1821.5	1836.5	1834.6	1827.0	1824.7	1827.6	1831.6	1839.1	1846.5	1839.1
10°	1801.9	1814.8	1827.7	1825.8	1818.9	1817.6	1821.9	1826.6	1832.7	1838.7	1832.7
12.5°	1787.9	1800.1	1812.4	1810.8	1804.6	1804.3	1810.0	1815.6	1820.9	1826.3	1820.9
15°	1763.1	1774.3	1785.5	1785.7	1782.2	1784.4	1792.2	1799.1	1803.4	1807.7	1803.4
17.5°	1729.3	1742.9	1756.6	1759.7	1759.4	1764.7	1775.7	1785.1	1789.6	1794.1	1789.6
20°	1702.9	1719.3	1735.7	1741.1	1742.8	1750.6	1764.4	1776.9	1785.5	1794.1	1785.5
22.5°	1675.0	1694.1	1713.3	1720.4	1723.5	1735.4	1756.1	1775.3	1790.1	1805.0	1790.1
25°	1633.1	1652.1	1671.0	1684.8	1696.9	1718.0	1748.2	1776.4	1798.8	1821.3	1798.8
27.5°	1584.2	1603.0	1621.8	1645.5	1670.9	1700.5	1734.5	1764.4	1782.2	1799.9	1782.2
30°	1551.7	1569.8	1587.9	1615.0	1645.2	1677.9	1713.3	1743.9	1760.3	1776.6	1760.3
32.5°	1511.3	1530.1	1548.9	1577.8	1610.0	1645.2	1683.3	1715.6	1730.6	1745.6	1730.6
35°	1446.9	1465.0	1483.1	1516.7	1555.5	1594.8	1634.4	1666.3	1674.9	1683.5	1674.9
37.5°	1372.8	1393.3	1413.9	1451.6	1495.0	1527.9	1550.1	1566.9	1567.4	1567.9	1567.4
40°	1317.0	1343.7	1370.4	1408.1	1449.5	1472.3	1476.7	1477.1	1465.9	1454.7	1465.9
42.5°	1262.7	1297.0	1331.3	1361.6	1390.5	1396.5	1379.4	1354.2	1304.3	1254.5	1304.3
45°	1179.3	1219.8	1260.3	1278.8	1290.0	1252.1	1165.0	1091.1	1056.6	1022.2	1056.6
47.5°	1090.4	1130.4	1170.4	1165.3	1145.1	1087.7	993.1	916.1	892.3	868.5	892.3
50°	1029.9	1067.8	1105.8	1078.4	1029.3	964.6	884.4	818.7	796.3	773.9	796.3
52.5°	961.6	995.4	1029.2	987.9	921.5	853.4	783.6	722.7	688.5	654.4	688.5
55°	855.3	878.6	901.9	856.6	788.5	713.5	631.7	562.0	529.3	496.5	529.3
57.5°	727.3	743.7	760.1	724.5	671.6	597.0	500.8	419.5	382.7	346.0	382.7
60°	642.0	654.9	667.9	635.5	588.1	517.0	422.2	346.5	328.4	310.3	328.4
62.5°	564.4	576.0	587.5	553.8	505.0	441.5	363.2	302.9	296.5	290.2	296.5
65°	457.7	468.9	480.1	444.8	393.9	344.4	296.1	259.7	258.8	258.0	258.8
67.5°	364.3	376.5	388.7	355.5	307.0	270.4	245.5	226.7	225.6	224.6	225.6
70°	308.4	321.3	334.3	303.2	257.5	227.8	214.0	203.2	201.5	199.8	201.5
72.5°	261.8	274.1	286.3	259.3	219.1	194.5	185.6	178.6	177.5	176.5	177.5
75°	197.8	207.3	216.8	197.2	167.9	151.1	146.8	143.3	142.5	141.6	142.5
77.5°	143.5	149.6	155.6	142.8	123.6	112.9	110.7	108.8	107.9	107.1	107.9
80°	112.5	115.1	117.7	108.6	95.7	88.8	87.9	87.1	86.2	85.3	86.2
82.5°	84.6	83.7	82.8	77.6	70.9	67.1	66.2	65.2	63.6	62.1	63.6
85°	44.6	42.9	41.2	39.4	37.7	35.1	31.7	28.4	25.9	23.3	25.9
87.5°	14.6	15.4	16.4	14.6	11.7	9.9	9.2	8.9	9.1	9.1	9.1
90°	3.0	7.0	12.0	16.0	19.0	20.0	20.0	21.0	22.0	22.0	22.0
92.5°	11.0	17.4	17.6	17.6	21.4	23.2	24.8	25.0	26.0	26.0	26.0
95°	31.0	34.0	50.9	49.9	34.0	27.0	23.0	23.0	23.0	23.0	23.0
97.5°	59.1	63.5	66.3	88.9	93.9	90.7	73.9	62.1	55.5	52.5	55.5
100°	83.9	85.9	91.9	92.9	117.9	141.9	129.9	114.9	109.9	106.9	109.9
102.5°	108.7	109.9	119.1	123.3	129.1	142.7	184.2	179.6	176.2	175.6	176.2
105°	145.8	146.8	163.8	171.8	175.8	175.8	174.8	194.8	226.8	233.8	226.8
107.5°	185.6	190.2	210.2	231.6	236.2	237.4	232.2	229.2	228.0	228.8	228.0
110°	212.8	219.8	243.7	270.7	277.7	279.7	277.7	274.7	272.7	272.7	272.7

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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
112.5°	239.2	249.3	276.5	307.5	319.3	325.3	320.9	318.7	316.7	318.3	316.7
115°	279.7	294.7	330.7	362.6	386.6	389.6	388.6	388.6	387.6	387.6	387.6
117.5°	317.3	341.2	381.6	418.8	446.5	454.5	458.5	457.3	456.1	458.1	456.1
120°	343.6	371.6	417.6	459.5	486.5	498.5	502.5	500.5	502.5	500.5	502.5
122.5°	371.6	406.0	451.1	494.7	526.5	540.0	544.8	545.2	545.6	544.4	545.6
125°	413.6	455.5	508.5	553.4	586.4	602.4	606.4	607.4	609.4	614.4	609.4
127.5°	455.9	503.5	561.6	605.0	638.7	658.1	664.3	666.5	670.7	672.9	670.7
130°	485.5	539.4	598.4	639.3	672.3	693.3	704.3	707.3	712.3	711.3	712.3
132.5°	516.7	573.0	632.7	675.3	705.9	728.4	737.8	746.4	748.2	749.6	748.2
135°	562.4	623.4	683.3	725.3	754.2	776.2	788.2	796.2	801.2	804.2	801.2
137.5°	610.6	674.9	732.4	769.8	799.0	818.0	831.5	839.9	845.1	847.5	845.1
140°	643.3	705.3	761.2	800.2	826.1	845.1	857.1	867.1	873.1	873.1	873.1
142.5°	674.5	735.6	790.0	828.9	851.7	869.1	881.9	889.5	896.3	896.3	896.3
145°	718.3	779.2	829.1	868.1	887.1	903.1	917.1	923.0	927.0	927.0	927.0
147.5°	764.0	818.0	863.5	900.9	916.9	935.6	946.6	951.4	956.4	954.2	956.4
150°	791.2	841.1	885.1	920.1	936.0	954.0	965.0	969.0	974.0	971.0	974.0
152.5°	817.6	865.1	905.1	937.6	951.2	969.2	981.8	985.8	989.2	987.0	989.2
155°	853.1	895.1	932.0	962.0	974.0	991.0	1003.0	1008.0	1012.0	1007.0	1012.0
157.5°	884.9	921.0	953.2	980.8	993.6	1008.2	1019.3	1025.5	1029.5	1027.3	1029.5
160°	904.1	937.0	966.0	992.0	1004.0	1017.0	1028.9	1035.9	1039.9	1036.9	1039.9
162.5°	920.1	949.8	977.2	1000.8	1011.2	1022.5	1036.9	1043.1	1047.1	1043.3	1047.1
165°	943.0	967.0	991.0	1011.0	1019.9	1028.9	1043.9	1050.9	1053.9	1049.9	1053.9
167.5°	960.4	978.8	998.2	1015.4	1021.9	1030.7	1045.7	1051.5	1055.3	1050.3	1055.3
170°	970.0	986.0	1003.0	1017.0	1021.9	1029.9	1044.9	1049.9	1052.9	1047.9	1052.9
172.5°	978.0	990.0	1003.8	1016.2	1018.7	1025.1	1039.3	1044.3	1046.5	1042.3	1046.5
175°	986.0	993.0	1003.0	1011.0	1010.0	1014.0	1025.9	1029.9	1033.9	1027.9	1033.9
177.5°	989.8	993.0	996.2	1001.0	997.8	997.8	1006.6	1009.0	1009.8	1006.6	1009.8
180°	989.0	989.0	989.0	989.0	989.0	989.0	989.0	989.0	989.0	989.0	989.0



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CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
0°	1834.8	1834.8	1834.8	1834.8	1834.8	1834.8	1834.8	1834.8	1834.8	1834.8	1834.8
2.5°	1833.6	1832.2	1830.9	1834.0	1841.6	1844.3	1832.6	1820.9	1832.6	1844.3	1841.6
5°	1834.4	1831.6	1829.9	1832.9	1840.6	1842.8	1828.1	1813.5	1828.1	1842.8	1840.6
7.5°	1831.6	1827.6	1824.7	1827.0	1834.6	1836.5	1821.5	1806.5	1821.5	1836.5	1834.6
10°	1826.6	1821.9	1817.6	1818.9	1825.8	1827.7	1814.8	1801.9	1814.8	1827.7	1825.8
12.5°	1815.6	1810.0	1804.3	1804.6	1810.8	1812.4	1800.1	1787.9	1800.1	1812.4	1810.8
15°	1799.1	1792.2	1784.4	1782.2	1785.7	1785.5	1774.3	1763.1	1774.3	1785.5	1785.7
17.5°	1785.1	1775.7	1764.7	1759.4	1759.7	1756.6	1742.9	1729.3	1742.9	1756.6	1759.7
20°	1776.9	1764.4	1750.6	1742.8	1741.1	1735.7	1719.3	1702.9	1719.3	1735.7	1741.1
22.5°	1775.3	1756.1	1735.4	1723.5	1720.4	1713.3	1694.1	1675.0	1694.1	1713.3	1720.4
25°	1776.4	1748.2	1718.0	1696.9	1684.8	1671.0	1652.1	1633.1	1652.1	1671.0	1684.8
27.5°	1764.4	1734.5	1700.5	1670.9	1645.5	1621.8	1603.0	1584.2	1603.0	1621.8	1645.5
30°	1743.9	1713.3	1677.9	1645.2	1615.0	1587.9	1569.8	1551.7	1569.8	1587.9	1615.0
32.5°	1715.6	1683.3	1645.2	1610.0	1577.8	1548.9	1530.1	1511.3	1530.1	1548.9	1577.8
35°	1666.3	1634.4	1594.8	1555.5	1516.7	1483.1	1465.0	1446.9	1465.0	1483.1	1516.7
37.5°	1566.9	1550.1	1527.9	1495.0	1451.6	1413.9	1393.3	1372.8	1393.3	1413.9	1451.6
40°	1477.1	1476.7	1472.3	1449.5	1408.1	1370.4	1343.7	1317.0	1343.7	1370.4	1408.1
42.5°	1354.2	1379.4	1396.5	1390.5	1361.6	1331.3	1297.0	1262.7	1297.0	1331.3	1361.6
45°	1091.1	1165.0	1252.1	1290.0	1278.8	1260.3	1219.8	1179.3	1219.8	1260.3	1278.8
47.5°	916.1	993.1	1087.7	1145.1	1165.3	1170.4	1130.4	1090.4	1130.4	1170.4	1165.3
50°	818.7	884.4	964.6	1029.3	1078.4	1105.8	1067.8	1029.9	1067.8	1105.8	1078.4
52.5°	722.7	783.6	853.4	921.5	987.9	1029.2	995.4	961.6	995.4	1029.2	987.9
55°	562.0	631.7	713.5	788.5	856.6	901.9	878.6	855.3	878.6	901.9	856.6
57.5°	419.5	500.8	597.0	671.6	724.5	760.1	743.7	727.3	743.7	760.1	724.5
60°	346.5	422.2	517.0	588.1	635.5	667.9	654.9	642.0	654.9	667.9	635.5
62.5°	302.9	363.2	441.5	505.0	553.8	587.5	576.0	564.4	576.0	587.5	553.8
65°	259.7	296.1	344.4	393.9	444.8	480.1	468.9	457.7	468.9	480.1	444.8
67.5°	226.7	245.5	270.4	307.0	355.5	388.7	376.5	364.3	376.5	388.7	355.5
70°	203.2	214.0	227.8	257.5	303.2	334.3	321.3	308.4	321.3	334.3	303.2
72.5°	178.6	185.6	194.5	219.1	259.3	286.3	274.1	261.8	274.1	286.3	259.3
75°	143.3	146.8	151.1	167.9	197.2	216.8	207.3	197.8	207.3	216.8	197.2
77.5°	108.8	110.7	112.9	123.6	142.8	155.6	149.6	143.5	149.6	155.6	142.8
80°	87.1	87.9	88.8	95.7	108.6	117.7	115.1	112.5	115.1	117.7	108.6
82.5°	65.2	66.2	67.1	70.9	77.6	82.8	83.7	84.6	83.7	82.8	77.6
85°	28.4	31.7	35.1	37.7	39.4	41.2	42.9	44.6	42.9	41.2	39.4
87.5°	8.9	9.2	9.9	11.7	14.6	16.4	15.4	14.6	15.4	16.2	15.0
90°	21.0	20.0	20.0	19.0	16.0	12.0	7.0	3.0	7.0	11.0	18.0
92.5°	25.0	24.8	23.2	21.4	17.6	17.6	17.4	11.0	19.0	27.0	38.8
95°	23.0	23.0	27.0	34.0	49.9	50.9	34.0	31.0	44.0	61.9	77.9
97.5°	62.1	73.9	90.7	93.9	88.9	66.3	63.5	59.1	80.5	98.3	124.1
100°	114.9	129.9	141.9	117.9	92.9	91.9	85.9	83.9	106.9	123.9	148.8
102.5°	179.6	184.2	142.7	129.1	123.3	119.1	109.9	108.7	131.7	155.0	176.0
105°	194.8	174.8	175.8	175.8	171.8	163.8	146.8	145.8	171.8	198.8	224.8
107.5°	229.2	232.2	237.4	236.2	231.6	210.2	190.2	185.6	209.0	241.4	269.9
110°	274.7	277.7	279.7	277.7	270.7	243.7	219.8	212.8	233.8	267.7	298.7



TEST NUMBER: P1428075

CATALOG NUMBER: SQ2W-PP3-K-075U-100D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
112.5°	318.7	320.9	325.3	319.3	307.5	276.5	249.3	239.2	260.1	294.9	326.7
115°	388.6	388.6	389.6	386.6	362.6	330.7	294.7	279.7	297.7	329.7	364.6
117.5°	457.3	458.5	454.5	446.5	418.8	381.6	341.2	317.3	331.5	365.2	401.2
120°	500.5	502.5	498.5	486.5	459.5	417.6	371.6	343.6	354.6	387.6	423.6
122.5°	545.2	544.8	540.0	526.5	494.7	451.1	406.0	371.6	376.2	406.8	441.9
125°	607.4	606.4	602.4	586.4	553.4	508.5	455.5	413.6	407.6	433.6	469.5
127.5°	666.5	664.3	658.1	638.7	605.0	561.6	503.5	455.9	442.5	458.9	491.9
130°	707.3	704.3	693.3	672.3	639.3	598.4	539.4	485.5	466.5	476.5	505.5
132.5°	746.4	737.8	728.4	705.9	675.3	632.7	573.0	516.7	490.5	494.9	517.5
135°	796.2	788.2	776.2	754.2	725.3	683.3	623.4	562.4	526.5	522.5	535.4
137.5°	839.9	831.5	818.0	799.0	769.8	732.4	674.9	610.6	565.2	551.8	556.8
140°	867.1	857.1	845.1	826.1	800.2	761.2	705.3	643.3	592.4	573.4	570.4
142.5°	889.5	881.9	869.1	851.7	828.9	790.0	735.6	674.5	620.4	595.8	588.8
145°	923.0	917.1	903.1	887.1	868.1	829.1	779.2	718.3	664.3	632.3	617.4
147.5°	951.4	946.6	935.6	916.9	900.9	863.5	818.0	764.0	708.7	669.1	649.7
150°	969.0	965.0	954.0	936.0	920.1	885.1	841.1	791.2	738.2	696.3	671.3
152.5°	985.8	981.8	969.2	951.2	937.6	905.1	865.1	817.6	763.8	721.9	696.1
155°	1008.0	1003.0	991.0	974.0	962.0	932.0	895.1	853.1	807.2	763.2	734.2
157.5°	1025.5	1019.3	1008.2	993.6	980.8	953.2	921.0	884.9	844.7	802.8	773.2
160°	1035.9	1028.9	1017.0	1004.0	992.0	966.0	937.0	904.1	867.1	829.1	797.2
162.5°	1043.1	1036.9	1022.5	1011.2	1000.8	977.2	949.8	920.1	887.1	853.9	824.3
165°	1050.9	1043.9	1028.9	1019.9	1011.0	991.0	967.0	943.0	915.1	888.1	864.1
167.5°	1051.5	1045.7	1030.7	1021.9	1015.4	998.2	978.8	960.4	938.6	917.5	897.5
170°	1049.9	1044.9	1029.9	1021.9	1017.0	1003.0	986.0	970.0	953.0	935.0	919.1
172.5°	1044.3	1039.3	1025.1	1018.7	1016.2	1003.8	990.0	978.0	963.4	950.2	937.4
175°	1029.9	1025.9	1014.0	1010.0	1011.0	1003.0	993.0	986.0	977.0	969.0	962.0
177.5°	1009.0	1006.6	997.8	997.8	1001.0	996.2	993.0	989.8	985.8	983.4	981.0
180°	989.0	989.0	989.0	989.0	989.0	989.0	989.0	989.0	989.0	989.0	989.0



TEST NUMBER: P1428075

CATALOG NUMBER: SQ2W-PP3-K-075U-100D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
0°	1834.8	1834.8	1834.8	1834.8	1834.8	1834.8	1834.8	1834.8	1834.8	1834.8	1834.8
2.5°	1834.0	1830.9	1832.2	1833.6	1835.0	1836.4	1835.0	1833.6	1832.2	1830.9	1834.0
5°	1832.9	1829.9	1831.6	1834.4	1840.4	1846.5	1840.4	1834.4	1831.6	1829.9	1832.9
7.5°	1827.0	1824.7	1827.6	1831.6	1839.1	1846.5	1839.1	1831.6	1827.6	1824.7	1827.0
10°	1818.9	1817.6	1821.9	1826.6	1832.7	1838.7	1832.7	1826.6	1821.9	1817.6	1818.9
12.5°	1804.6	1804.3	1810.0	1815.6	1820.9	1826.3	1820.9	1815.6	1810.0	1804.3	1804.6
15°	1782.2	1784.4	1792.2	1799.1	1803.4	1807.7	1803.4	1799.1	1792.2	1784.4	1782.2
17.5°	1759.4	1764.7	1775.7	1785.1	1789.6	1794.1	1789.6	1785.1	1775.7	1764.7	1759.4
20°	1742.8	1750.6	1764.4	1776.9	1785.5	1794.1	1785.5	1776.9	1764.4	1750.6	1742.8
22.5°	1723.5	1735.4	1756.1	1775.3	1790.1	1805.0	1790.1	1775.3	1756.1	1735.4	1723.5
25°	1696.9	1718.0	1748.2	1776.4	1798.8	1821.3	1798.8	1776.4	1748.2	1718.0	1696.9
27.5°	1670.9	1700.5	1734.5	1764.4	1782.2	1799.9	1782.2	1764.4	1734.5	1700.5	1670.9
30°	1645.2	1677.9	1713.3	1743.9	1760.3	1776.6	1760.3	1743.9	1713.3	1677.9	1645.2
32.5°	1610.0	1645.2	1683.3	1715.6	1730.6	1745.6	1730.6	1715.6	1683.3	1645.2	1610.0
35°	1555.5	1594.8	1634.4	1666.3	1674.9	1683.5	1674.9	1666.3	1634.4	1594.8	1555.5
37.5°	1495.0	1527.9	1550.1	1566.9	1567.4	1567.9	1567.4	1566.9	1550.1	1527.9	1495.0
40°	1449.5	1472.3	1476.7	1477.1	1465.9	1454.7	1465.9	1477.1	1476.7	1472.3	1449.5
42.5°	1390.5	1396.5	1379.4	1354.2	1304.3	1254.5	1304.3	1354.2	1379.4	1396.5	1390.5
45°	1290.0	1252.1	1165.0	1091.1	1056.6	1022.2	1056.6	1091.1	1165.0	1252.1	1290.0
47.5°	1145.1	1087.7	993.1	916.1	892.3	868.5	892.3	916.1	993.1	1087.7	1145.1
50°	1029.3	964.6	884.4	818.7	796.3	773.9	796.3	818.7	884.4	964.6	1029.3
52.5°	921.5	853.4	783.6	722.7	688.5	654.4	688.5	722.7	783.6	853.4	921.5
55°	788.5	713.5	631.7	562.0	529.3	496.5	529.3	562.0	631.7	713.5	788.5
57.5°	671.6	597.0	500.8	419.5	382.7	346.0	382.7	419.5	500.8	597.0	671.6
60°	588.1	517.0	422.2	346.5	328.4	310.3	328.4	346.5	422.2	517.0	588.1
62.5°	505.0	441.5	363.2	302.9	296.5	290.2	296.5	302.9	363.2	441.5	505.0
65°	393.9	344.4	296.1	259.7	258.8	258.0	258.8	259.7	296.1	344.4	393.9
67.5°	307.0	270.4	245.5	226.7	225.6	224.6	225.6	226.7	245.5	270.4	307.0
70°	257.5	227.8	214.0	203.2	201.5	199.8	201.5	203.2	214.0	227.8	257.5
72.5°	219.1	194.5	185.6	178.6	177.5	176.5	177.5	178.6	185.6	194.5	219.1
75°	167.9	151.1	146.8	143.3	142.5	141.6	142.5	143.3	146.8	151.1	167.9
77.5°	123.6	112.9	110.7	108.8	107.9	107.1	107.9	108.8	110.7	112.9	123.6
80°	95.7	88.8	87.9	87.1	86.2	85.3	86.2	87.1	87.9	88.8	95.7
82.5°	70.9	67.1	66.2	65.2	63.6	62.1	63.6	65.2	66.2	67.1	70.9
85°	37.7	35.1	31.7	28.4	25.9	23.3	25.9	28.4	31.7	35.1	37.7
87.5°	12.5	11.9	12.6	12.8	13.6	13.2	13.6	12.8	12.6	11.9	12.5
90°	23.0	30.0	37.0	41.0	45.0	43.0	45.0	41.0	37.0	30.0	23.0
92.5°	46.2	57.9	66.5	73.7	76.9	76.5	76.9	73.7	66.5	57.9	46.2
95°	92.9	106.9	120.9	130.9	136.9	134.9	136.9	130.9	120.9	106.9	92.9
97.5°	143.3	162.0	177.6	187.0	193.0	197.0	193.0	187.0	177.6	162.0	143.3
100°	176.8	194.8	212.8	223.8	233.8	237.8	233.8	223.8	212.8	194.8	176.8
102.5°	204.0	227.6	247.1	258.9	267.3	271.3	267.3	258.9	247.1	227.6	204.0
105°	248.7	273.7	294.7	309.7	318.7	321.7	318.7	309.7	294.7	273.7	248.7
107.5°	293.5	319.3	338.7	355.2	366.2	372.6	366.2	355.2	338.7	319.3	293.5
110°	328.7	349.6	370.6	385.6	396.6	400.6	396.6	385.6	370.6	349.6	328.7



TEST NUMBER: P1428075

CATALOG NUMBER: SQ2W-PP3-K-075U-100D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
112.5°	358.2	381.6	402.6	417.6	430.2	435.8	430.2	417.6	402.6	381.6	358.2
115°	399.6	430.6	449.5	463.5	472.5	477.5	472.5	463.5	449.5	430.6	399.6
117.5°	434.0	466.3	487.1	497.9	502.1	505.7	502.1	497.9	487.1	466.3	434.0
120°	455.5	485.5	509.5	523.5	528.5	530.5	528.5	523.5	509.5	485.5	455.5
122.5°	475.5	503.9	527.1	544.2	552.4	554.4	552.4	544.2	527.1	503.9	475.5
125°	503.5	530.5	554.4	571.4	580.4	585.4	580.4	571.4	554.4	530.5	503.5
127.5°	527.9	557.0	579.0	594.4	603.2	607.2	603.2	594.4	579.0	557.0	527.9
130°	541.4	571.4	593.4	610.4	618.4	622.4	618.4	610.4	593.4	571.4	541.4
132.5°	551.8	583.4	606.2	621.6	630.3	634.3	630.3	621.6	606.2	583.4	551.8
135°	564.4	597.4	621.4	636.3	644.3	648.3	644.3	636.3	621.4	597.4	564.4
137.5°	575.4	605.4	630.3	646.1	653.3	655.9	653.3	646.1	630.3	605.4	575.4
140°	583.4	609.4	634.3	649.3	657.3	658.3	657.3	649.3	634.3	609.4	583.4
142.5°	593.8	614.2	635.9	650.9	658.9	660.7	658.9	650.9	635.9	614.2	593.8
145°	612.4	624.4	639.3	653.3	660.3	662.3	660.3	653.3	639.3	624.4	612.4
147.5°	635.7	639.5	647.3	656.5	663.3	664.7	663.3	656.5	647.3	639.5	635.7
150°	653.3	652.3	655.3	661.3	667.3	666.3	667.3	661.3	655.3	652.3	653.3
152.5°	673.3	667.5	667.3	670.1	672.9	672.7	672.9	670.1	667.3	667.5	673.3
155°	707.3	696.3	690.3	688.3	688.3	687.3	688.3	688.3	690.3	696.3	707.3
157.5°	744.6	729.2	720.3	715.5	714.1	711.9	714.1	715.5	720.3	729.2	744.6
160°	770.2	753.2	744.2	736.2	733.2	730.2	733.2	736.2	744.2	753.2	770.2
162.5°	794.2	778.0	768.2	761.0	758.0	753.4	758.0	761.0	768.2	778.0	794.2
165°	833.1	816.2	805.2	799.2	795.2	791.2	795.2	799.2	805.2	816.2	833.1
167.5°	872.1	853.5	846.3	839.5	835.7	828.5	835.7	839.5	846.3	853.5	872.1
170°	896.1	879.1	875.1	869.1	862.1	854.1	862.1	869.1	875.1	879.1	896.1
172.5°	916.9	905.5	901.5	895.5	893.3	886.9	893.3	895.5	901.5	905.5	916.9
175°	947.0	938.0	938.0	937.0	934.0	928.0	934.0	937.0	938.0	938.0	947.0
177.5°	972.2	967.4	970.6	970.6	969.8	964.2	969.8	970.6	970.6	967.4	972.2
180°	989.0	989.0	989.0	989.0	989.0	989.0	989.0	989.0	989.0	989.0	989.0



TEST NUMBER: P1428075

CATALOG NUMBER: SQ2W-PP3-K-075U-100D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
0°	1834.8	1834.8	1834.8	1834.8
2.5°	1841.6	1844.3	1832.6	1820.9
5°	1840.6	1842.8	1828.1	1813.5
7.5°	1834.6	1836.5	1821.5	1806.5
10°	1825.8	1827.7	1814.8	1801.9
12.5°	1810.8	1812.4	1800.1	1787.9
15°	1785.7	1785.5	1774.3	1763.1
17.5°	1759.7	1756.6	1742.9	1729.3
20°	1741.1	1735.7	1719.3	1702.9
22.5°	1720.4	1713.3	1694.1	1675.0
25°	1684.8	1671.0	1652.1	1633.1
27.5°	1645.5	1621.8	1603.0	1584.2
30°	1615.0	1587.9	1569.8	1551.7
32.5°	1577.8	1548.9	1530.1	1511.3
35°	1516.7	1483.1	1465.0	1446.9
37.5°	1451.6	1413.9	1393.3	1372.8
40°	1408.1	1370.4	1343.7	1317.0
42.5°	1361.6	1331.3	1297.0	1262.7
45°	1278.8	1260.3	1219.8	1179.3
47.5°	1165.3	1170.4	1130.4	1090.4
50°	1078.4	1105.8	1067.8	1029.9
52.5°	987.9	1029.2	995.4	961.6
55°	856.6	901.9	878.6	855.3
57.5°	724.5	760.1	743.7	727.3
60°	635.5	667.9	654.9	642.0
62.5°	553.8	587.5	576.0	564.4
65°	444.8	480.1	468.9	457.7
67.5°	355.5	388.7	376.5	364.3
70°	303.2	334.3	321.3	308.4
72.5°	259.3	286.3	274.1	261.8
75°	197.2	216.8	207.3	197.8
77.5°	142.8	155.6	149.6	143.5
80°	108.6	117.7	115.1	112.5
82.5°	77.6	82.8	83.7	84.6
85°	39.4	41.2	42.9	44.6
87.5°	15.0	16.2	15.4	14.6
90°	18.0	11.0	7.0	3.0
92.5°	38.8	27.0	19.0	11.0
95°	77.9	61.9	44.0	31.0
97.5°	124.1	98.3	80.5	59.1
100°	148.8	123.9	106.9	83.9
102.5°	176.0	155.0	131.7	108.7
105°	224.8	198.8	171.8	145.8
107.5°	269.9	241.4	209.0	185.6
110°	298.7	267.7	233.8	212.8



TEST NUMBER: P1428075

CATALOG NUMBER: SQ2W-PP3-K-075U-100D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
112.5°	326.7	294.9	260.1	239.2
115°	364.6	329.7	297.7	279.7
117.5°	401.2	365.2	331.5	317.3
120°	423.6	387.6	354.6	343.6
122.5°	441.9	406.8	376.2	371.6
125°	469.5	433.6	407.6	413.6
127.5°	491.9	458.9	442.5	455.9
130°	505.5	476.5	466.5	485.5
132.5°	517.5	494.9	490.5	516.7
135°	535.4	522.5	526.5	562.4
137.5°	556.8	551.8	565.2	610.6
140°	570.4	573.4	592.4	643.3
142.5°	588.8	595.8	620.4	674.5
145°	617.4	632.3	664.3	718.3
147.5°	649.7	669.1	708.7	764.0
150°	671.3	696.3	738.2	791.2
152.5°	696.1	721.9	763.8	817.6
155°	734.2	763.2	807.2	853.1
157.5°	773.2	802.8	844.7	884.9
160°	797.2	829.1	867.1	904.1
162.5°	824.3	853.9	887.1	920.1
165°	864.1	888.1	915.1	943.0
167.5°	897.5	917.5	938.6	960.4
170°	919.1	935.0	953.0	970.0
172.5°	937.4	950.2	963.4	978.0
175°	962.0	969.0	977.0	986.0
177.5°	981.0	983.4	985.8	989.8
180°	989.0	989.0	989.0	989.0



TEST NUMBER: P1428075
 CATALOG NUMBER: SQ2W-PP3-K-075U-100D-L935-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	20.24	21.18	21.10	22.05	23.15	16.01	16.95	16.87	17.82	18.92
	3H	21.31	22.14	22.18	23.03	24.15	17.33	18.16	18.20	19.05	20.17
	4H	21.68	22.47	22.57	23.36	24.50	17.89	18.68	18.78	19.57	20.70
	6H	21.88	22.60	22.78	23.50	24.65	18.26	18.98	19.16	19.88	21.03
	8H	21.94	22.63	22.85	23.55	24.70	18.39	19.08	19.30	19.99	21.14
	12H	21.97	22.62	22.88	23.53	24.70	18.43	19.08	19.34	19.99	21.16
4H	2H	20.37	21.16	21.26	22.05	23.19	16.93	17.72	17.83	18.61	19.75
	3H	21.67	22.32	22.58	23.25	24.40	18.36	19.01	19.27	19.94	21.09
	4H	22.18	22.78	23.10	23.69	24.87	18.99	19.58	19.90	20.50	21.68
	6H	22.50	23.01	23.43	23.95	25.13	19.44	19.95	20.37	20.89	22.07
	8H	22.61	23.09	23.54	24.03	25.22	19.61	20.08	20.54	21.02	22.21
	12H	22.66	23.09	23.61	24.04	25.24	19.66	20.09	20.61	21.04	22.24
8H	4H	22.21	22.68	23.14	23.62	24.81	19.30	19.78	20.23	20.71	21.91
	6H	22.62	23.02	23.58	24.00	25.19	19.86	20.26	20.82	21.24	22.43
	8H	22.80	23.15	23.77	24.12	25.33	20.11	20.46	21.08	21.43	22.64
	12H	22.90	23.21	23.87	24.17	25.43	20.22	20.52	21.18	21.48	22.74
12H	4H	22.17	22.60	23.12	23.55	24.75	19.32	19.75	20.27	20.70	21.90
	6H	22.62	22.96	23.58	23.93	25.14	19.93	20.28	20.90	21.25	22.45
	8H	22.82	23.12	23.78	24.08	25.34	20.21	20.52	21.18	21.48	22.73