

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: P1428123

Luminaire Tested: SQ2W-PP3-K-125U-100D-L935-UNV-STD-W-WM-4

Issue Date: 3/10/2026

Test Information

Test Method: LM-79-2019
Report Number: P1428123
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-125U-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 1250 LUMENS PER FOOT
Light Source: 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

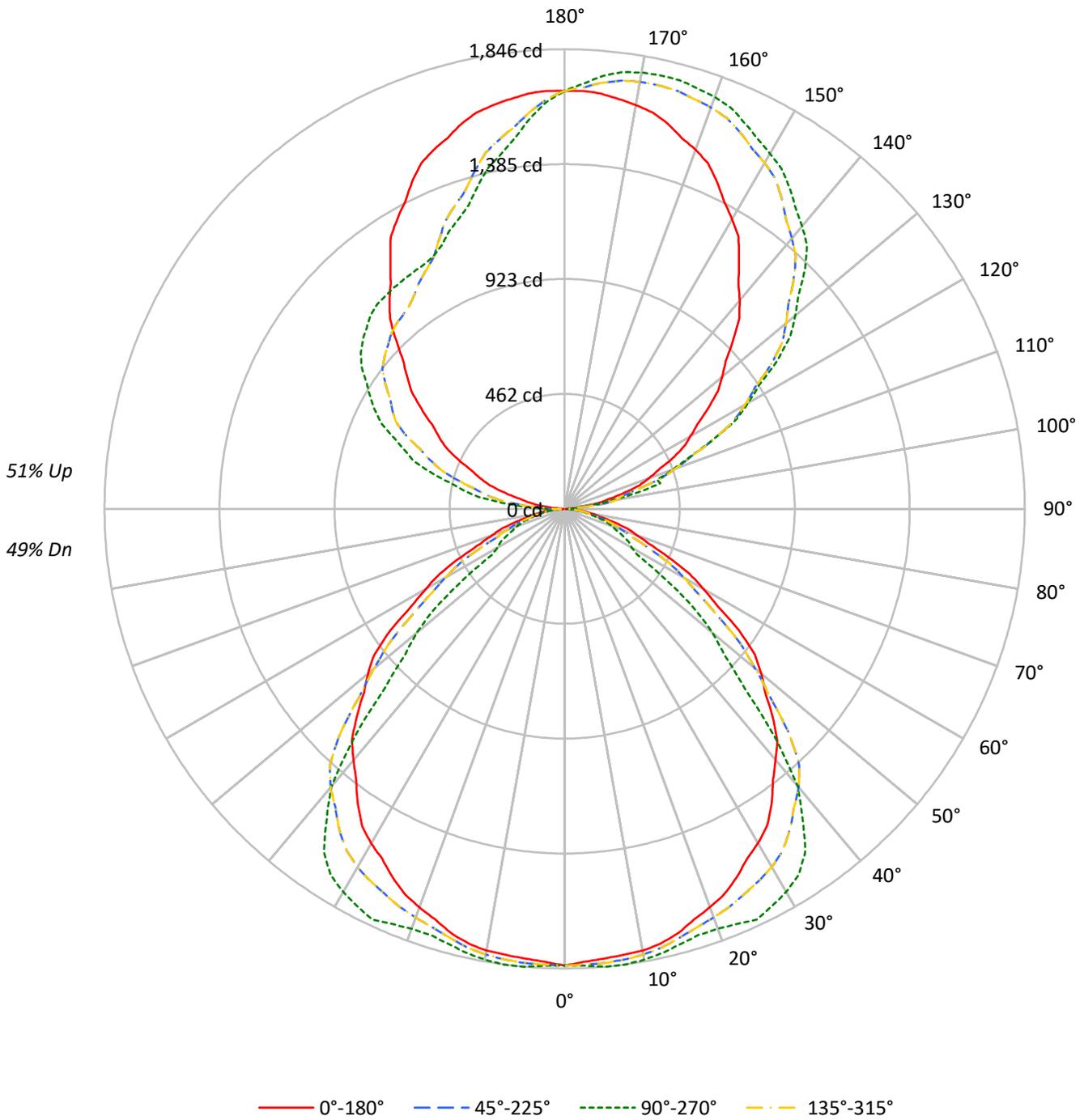
Lumens per Lamp: N/A
Luminaire Lumens: 9529.9 lumens
Efficiency: N/A
Efficacy: 116.8 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.41 / 1.4
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 81.6
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	107	107	107	107	98	98	98	98	83	83	83	68	68	68	55	55	55	49				
1	98	94	90	87	90	87	84	81	73	71	69	61	59	58	49	48	47	42				
2	90	83	77	72	82	76	71	67	65	61	58	54	51	49	44	42	41	36				
3	82	73	66	60	75	68	61	56	57	53	49	48	45	42	39	37	35	31				
4	75	65	57	51	69	60	53	48	51	46	42	43	39	36	35	33	30	27				
5	69	58	50	44	64	54	47	42	46	41	36	39	35	32	32	29	27	24				
6	64	52	44	38	59	48	41	36	41	36	32	35	31	28	29	26	24	21				
7	59	47	39	34	54	44	37	32	38	32	28	32	28	25	27	23	21	18				
8	55	43	35	30	50	40	33	28	34	29	25	29	25	22	24	21	19	17				
9	51	39	32	27	47	36	30	25	31	26	22	27	23	20	23	19	17	15				
10	48	36	29	24	44	33	27	23	29	24	20	25	21	18	21	18	16	14				

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	1.8
10°-20°	505.6	5.3
20°-30°	792.2	8.3
30°-40°	977.2	10.3
40°-50°	920.0	9.7
50°-60°	651.4	6.8
60°-70°	371.2	3.9
70°-80°	183.7	1.9
80°-90°	51.9	0.5
90°-100°	133.6	1.4
100°-110°	389.6	4.1
110°-120°	635.9	6.7
120°-130°	806.9	8.5
130°-140°	863.4	9.1
140°-150°	806.2	8.5
150°-160°	663.4	7.0
160°-170°	444.9	4.7
170°-180°	158.0	1.7
0°-30°	1472.5	15.5
0°-40°	2449.7	25.7
0°-60°	4021.1	42.2
0°-90°	4627.9	48.6
90°-120°	1159.2	12.2
90°-150°	3635.7	38.2
90°-180°	4902.0	51.4
0°-180°	9529.9	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°	5	37	5	73	5	6
95°	53	39	53	229	53	63
105°	248	397	248	546	248	263
115°	475	658	475	811	475	468
125°	702	1043	702	994	702	628
135°	955	1365	955	1101	955	738
145°	1219	1574	1219	1124	1219	763
155°	1448	1709	1448	1167	1448	666
165°	1601	1782	1601	1343	1601	451
175°	1674	1745	1674	1575	1674	159
180°	1679	1679	1679	1679	1679	



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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°	15.0	16.3	18.0	16.8	14.4	12.6	12.0	11.8	12.1	12.1	12.1
90°	5.1	11.9	20.3	27.1	32.2	33.9	33.9	35.6	37.3	37.3	37.3
92.5°	18.7	29.5	29.8	29.8	36.3	39.3	42.1	42.4	44.1	44.1	44.1
95°	52.6	57.7	86.5	84.8	57.7	45.8	39.0	39.0	39.0	39.0	39.0
97.5°	100.4	107.9	112.6	150.9	159.4	154.0	125.5	105.5	94.3	89.2	94.3
100°	142.4	145.8	156.0	157.7	200.1	240.8	220.5	195.0	186.5	181.5	186.5
102.5°	184.5	186.5	202.1	209.3	219.1	242.2	312.7	304.9	299.1	298.1	299.1
105°	247.6	249.3	278.1	291.7	298.5	298.5	296.8	330.7	385.0	396.8	385.0
107.5°	315.1	322.9	356.8	393.1	400.9	402.9	394.1	389.0	387.0	388.3	387.0
110°	361.2	373.1	413.8	459.6	471.4	474.8	471.4	466.3	463.0	463.0	463.0



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
112.5°	406.0	423.3	469.4	522.0	542.0	552.2	544.7	541.0	537.6	540.3	537.6
115°	474.8	500.3	561.3	615.6	656.3	661.4	659.7	659.7	658.0	658.0	658.0
117.5°	538.6	579.3	647.8	710.9	758.0	771.6	778.4	776.3	774.3	777.7	774.3
120°	583.4	630.8	708.9	780.1	825.9	846.2	853.0	849.6	853.0	849.6	853.0
122.5°	630.8	689.2	765.8	839.8	893.7	916.8	924.9	925.6	926.3	924.2	926.3
125°	702.1	773.3	863.2	939.5	995.4	1022.6	1029.4	1031.1	1034.4	1042.9	1034.4
127.5°	774.0	854.7	953.4	1027.0	1084.3	1117.2	1127.7	1131.4	1138.6	1142.3	1138.6
130°	824.2	915.7	1015.8	1085.3	1141.3	1176.9	1195.6	1200.6	1209.1	1207.4	1209.1
132.5°	877.1	972.7	1074.1	1146.4	1198.3	1236.6	1252.5	1267.1	1270.2	1272.5	1270.2
135°	954.7	1058.2	1159.9	1231.2	1280.3	1317.7	1338.0	1351.6	1360.0	1365.1	1360.0
137.5°	1036.5	1145.7	1243.4	1306.8	1356.3	1388.5	1411.6	1425.8	1434.7	1438.7	1434.7
140°	1092.1	1197.2	1292.2	1358.3	1402.4	1434.7	1455.0	1472.0	1482.1	1482.1	1482.1
142.5°	1145.0	1248.8	1341.1	1407.2	1445.9	1475.4	1497.1	1510.0	1521.5	1521.5	1521.5
145°	1219.3	1322.7	1407.5	1473.7	1505.9	1533.0	1556.8	1566.9	1573.7	1573.7	1573.7
147.5°	1297.0	1388.5	1465.9	1529.3	1556.4	1588.3	1607.0	1615.1	1623.6	1619.8	1623.6
150°	1343.1	1427.9	1502.5	1561.8	1589.0	1619.5	1638.2	1644.9	1653.4	1648.3	1653.4
152.5°	1387.9	1468.6	1536.4	1591.7	1614.8	1645.3	1666.6	1673.4	1679.2	1675.5	1679.2
155°	1448.2	1519.5	1582.2	1633.1	1653.4	1682.3	1702.6	1711.1	1717.9	1709.4	1717.9
157.5°	1502.2	1563.5	1618.1	1665.0	1686.7	1711.4	1730.4	1740.9	1747.7	1744.0	1747.7
160°	1534.7	1590.7	1639.9	1683.9	1704.3	1726.3	1746.7	1758.6	1765.3	1760.3	1765.3
162.5°	1561.8	1612.4	1658.8	1698.9	1716.5	1735.8	1760.3	1770.8	1777.6	1771.1	1777.6
165°	1600.9	1641.6	1682.3	1716.2	1731.4	1746.7	1772.1	1784.0	1789.1	1782.3	1789.1
167.5°	1630.4	1661.6	1694.5	1723.6	1734.8	1749.7	1775.2	1785.0	1791.5	1783.0	1791.5
170°	1646.6	1673.8	1702.6	1726.3	1734.8	1748.4	1773.8	1782.3	1787.4	1778.9	1787.4
172.5°	1660.2	1680.6	1704.0	1725.0	1729.4	1740.2	1764.3	1772.8	1776.5	1769.4	1776.5
175°	1673.8	1685.6	1702.6	1716.2	1714.5	1721.3	1741.6	1748.4	1755.2	1745.0	1755.2
177.5°	1680.2	1685.6	1691.1	1699.2	1693.8	1693.8	1708.7	1712.8	1714.1	1708.7	1714.1
180°	1678.9	1678.9	1678.9	1678.9	1678.9	1678.9	1678.9	1678.9	1678.9	1678.9	1678.9

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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°	11.8	12.0	12.6	14.4	16.8	18.0	16.3	15.0	16.3	17.7	17.5
90°	35.6	33.9	33.9	32.2	27.1	20.3	11.9	5.1	11.9	18.7	30.5
92.5°	42.4	42.1	39.3	36.3	29.8	29.8	29.5	18.7	32.2	45.8	65.8
95°	39.0	39.0	45.8	57.7	84.8	86.5	57.7	52.6	74.6	105.1	132.3
97.5°	105.5	125.5	154.0	159.4	150.9	112.6	107.9	100.4	136.7	166.9	210.6
100°	195.0	220.5	240.8	200.1	157.7	156.0	145.8	142.4	181.5	210.3	252.7
102.5°	304.9	312.7	242.2	219.1	209.3	202.1	186.5	184.5	223.5	263.2	298.8
105°	330.7	296.8	298.5	298.5	291.7	278.1	249.3	247.6	291.7	337.5	381.6
107.5°	389.0	394.1	402.9	400.9	393.1	356.8	322.9	315.1	354.8	409.7	458.2
110°	466.3	471.4	474.8	471.4	459.6	413.8	373.1	361.2	396.8	454.5	507.0



TEST NUMBER: P1428123

CATALOG NUMBER: SQ2W-PP3-K-125U-100D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
112.5°	541.0	544.7	552.2	542.0	522.0	469.4	423.3	406.0	441.6	500.6	554.5
115°	659.7	659.7	661.4	656.3	615.6	561.3	500.3	474.8	505.4	559.6	619.0
117.5°	776.3	778.4	771.6	758.0	710.9	647.8	579.3	538.6	562.7	620.0	681.0
120°	849.6	853.0	846.2	825.9	780.1	708.9	630.8	583.4	602.0	658.0	719.0
122.5°	925.6	924.9	916.8	893.7	839.8	765.8	689.2	630.8	638.6	690.5	750.2
125°	1031.1	1029.4	1022.6	995.4	939.5	863.2	773.3	702.1	691.9	736.0	797.0
127.5°	1131.4	1127.7	1117.2	1084.3	1027.0	953.4	854.7	774.0	751.2	779.1	835.0
130°	1200.6	1195.6	1176.9	1141.3	1085.3	1015.8	915.7	824.2	791.9	808.9	858.1
132.5°	1267.1	1252.5	1236.6	1198.3	1146.4	1074.1	972.7	877.1	832.6	840.1	878.4
135°	1351.6	1338.0	1317.7	1280.3	1231.2	1159.9	1058.2	954.7	893.7	886.9	909.0
137.5°	1425.8	1411.6	1388.5	1356.3	1306.8	1243.4	1145.7	1036.5	959.5	936.8	945.2
140°	1472.0	1455.0	1434.7	1402.4	1358.3	1292.2	1197.2	1092.1	1005.6	973.4	968.3
142.5°	1510.0	1497.1	1475.4	1445.9	1407.2	1341.1	1248.8	1145.0	1053.1	1011.4	999.5
145°	1566.9	1556.8	1533.0	1505.9	1473.7	1407.5	1322.7	1219.3	1127.7	1073.5	1048.0
147.5°	1615.1	1607.0	1588.3	1556.4	1529.3	1465.9	1388.5	1297.0	1203.0	1135.9	1103.0
150°	1644.9	1638.2	1619.5	1589.0	1561.8	1502.5	1427.9	1343.1	1253.2	1182.0	1139.6
152.5°	1673.4	1666.6	1645.3	1614.8	1591.7	1536.4	1468.6	1387.9	1296.6	1225.4	1181.6
155°	1711.1	1702.6	1682.3	1653.4	1633.1	1582.2	1519.5	1448.2	1370.2	1295.6	1246.4
157.5°	1740.9	1730.4	1711.4	1686.7	1665.0	1618.1	1563.5	1502.2	1434.0	1362.8	1312.6
160°	1758.6	1746.7	1726.3	1704.3	1683.9	1639.9	1590.7	1534.7	1472.0	1407.5	1353.3
162.5°	1770.8	1760.3	1735.8	1716.5	1698.9	1658.8	1612.4	1561.8	1505.9	1449.6	1399.4
165°	1784.0	1772.1	1746.7	1731.4	1716.2	1682.3	1641.6	1600.9	1553.4	1507.6	1466.9
167.5°	1785.0	1775.2	1749.7	1734.8	1723.6	1694.5	1661.6	1630.4	1593.4	1557.4	1523.5
170°	1782.3	1773.8	1748.4	1734.8	1726.3	1702.6	1673.8	1646.6	1617.8	1587.3	1560.2
172.5°	1772.8	1764.3	1740.2	1729.4	1725.0	1704.0	1680.6	1660.2	1635.4	1613.1	1591.4
175°	1748.4	1741.6	1721.3	1714.5	1716.2	1702.6	1685.6	1673.8	1658.5	1644.9	1633.1
177.5°	1712.8	1708.7	1693.8	1693.8	1699.2	1691.1	1685.6	1680.2	1673.4	1669.4	1665.3
180°	1678.9	1678.9	1678.9	1678.9	1678.9	1678.9	1678.9	1678.9	1678.9	1678.9	1678.9



TEST NUMBER: P1428123

CATALOG NUMBER: SQ2W-PP3-K-125U-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°	15.7	16.0	17.7	18.6	19.9	19.2	19.9	18.6	17.7	16.0	15.7
90°	39.0	50.9	62.7	69.5	76.3	72.9	76.3	69.5	62.7	50.9	39.0
92.5°	78.3	98.4	112.9	125.2	130.6	129.9	130.6	125.2	112.9	98.4	78.3
95°	157.7	181.5	205.2	222.2	232.3	228.9	232.3	222.2	205.2	181.5	157.7
97.5°	243.2	275.1	301.5	317.5	327.6	334.4	327.6	317.5	301.5	275.1	243.2
100°	300.2	330.7	361.2	379.9	396.8	403.6	396.8	379.9	361.2	330.7	300.2
102.5°	346.3	386.3	419.5	439.6	453.8	460.6	453.8	439.6	419.5	386.3	346.3
105°	422.3	464.7	500.3	525.7	541.0	546.1	541.0	525.7	500.3	464.7	422.3
107.5°	498.2	542.0	574.9	603.0	621.7	632.5	621.7	603.0	574.9	542.0	498.2
110°	557.9	593.5	629.1	654.6	673.2	680.0	673.2	654.6	629.1	593.5	557.9



TEST NUMBER: P1428123

CATALOG NUMBER: SQ2W-PP3-K-125U-100D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
112.5°	608.1	647.8	683.4	708.9	730.2	739.7	730.2	708.9	683.4	647.8	608.1
115°	678.3	730.9	763.1	786.9	802.1	810.6	802.1	786.9	763.1	730.9	678.3
117.5°	736.7	791.6	826.9	845.2	852.3	858.4	852.3	845.2	826.9	791.6	736.7
120°	773.3	824.2	864.9	888.6	897.1	900.5	897.1	888.6	864.9	824.2	773.3
122.5°	807.2	855.4	894.7	923.9	937.8	941.2	937.8	923.9	894.7	855.4	807.2
125°	854.7	900.5	941.2	970.0	985.3	993.7	985.3	970.0	941.2	900.5	854.7
127.5°	896.1	945.6	982.9	1009.0	1023.9	1030.7	1023.9	1009.0	982.9	945.6	896.1
130°	919.1	970.0	1007.3	1036.1	1049.7	1056.5	1049.7	1036.1	1007.3	970.0	919.1
132.5°	936.8	990.4	1029.0	1055.1	1070.1	1076.8	1070.1	1055.1	1029.0	990.4	936.8
135°	958.1	1014.1	1054.8	1080.2	1093.8	1100.6	1093.8	1080.2	1054.8	1014.1	958.1
137.5°	976.8	1027.7	1070.1	1096.9	1109.1	1113.5	1109.1	1096.9	1070.1	1027.7	976.8
140°	990.4	1034.4	1076.8	1102.3	1115.8	1117.5	1115.8	1102.3	1076.8	1034.4	990.4
142.5°	1008.0	1042.6	1079.6	1105.0	1118.6	1121.6	1118.6	1105.0	1079.6	1042.6	1008.0
145°	1039.5	1059.9	1085.3	1109.1	1120.9	1124.3	1120.9	1109.1	1085.3	1059.9	1039.5
147.5°	1079.2	1085.7	1098.9	1114.5	1126.0	1128.4	1126.0	1114.5	1098.9	1085.7	1079.2
150°	1109.1	1107.4	1112.5	1122.6	1132.8	1131.1	1132.8	1122.6	1112.5	1107.4	1109.1
152.5°	1143.0	1133.1	1132.8	1137.6	1142.3	1142.0	1142.3	1137.6	1132.8	1133.1	1143.0
155°	1200.6	1182.0	1171.8	1168.4	1168.4	1166.7	1168.4	1168.4	1171.8	1182.0	1200.6
157.5°	1264.1	1237.9	1222.7	1214.5	1212.2	1208.4	1212.2	1214.5	1222.7	1237.9	1264.1
160°	1307.5	1278.6	1263.4	1249.8	1244.7	1239.6	1244.7	1249.8	1263.4	1278.6	1307.5
162.5°	1348.2	1320.7	1304.1	1291.9	1286.8	1279.0	1286.8	1291.9	1304.1	1320.7	1348.2
165°	1414.3	1385.5	1366.8	1356.7	1349.9	1343.1	1349.9	1356.7	1366.8	1385.5	1414.3
167.5°	1480.4	1448.9	1436.7	1425.2	1418.7	1406.5	1418.7	1425.2	1436.7	1448.9	1480.4
170°	1521.1	1492.3	1485.5	1475.4	1463.5	1449.9	1463.5	1475.4	1485.5	1492.3	1521.1
172.5°	1556.4	1537.1	1530.3	1520.1	1516.4	1505.5	1516.4	1520.1	1530.3	1537.1	1556.4
175°	1607.6	1592.4	1592.4	1590.7	1585.6	1575.4	1585.6	1590.7	1592.4	1592.4	1607.6
177.5°	1650.4	1642.2	1647.7	1647.7	1646.3	1636.8	1646.3	1647.7	1647.7	1642.2	1650.4
180°	1678.9	1678.9	1678.9	1678.9	1678.9	1678.9	1678.9	1678.9	1678.9	1678.9	1678.9



TEST NUMBER: P1428123

CATALOG NUMBER: SQ2W-PP3-K-125U-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°	17.5	17.7	16.3	15.0
90°	30.5	18.7	11.9	5.1
92.5°	65.8	45.8	32.2	18.7
95°	132.3	105.1	74.6	52.6
97.5°	210.6	166.9	136.7	100.4
100°	252.7	210.3	181.5	142.4
102.5°	298.8	263.2	223.5	184.5
105°	381.6	337.5	291.7	247.6
107.5°	458.2	409.7	354.8	315.1
110°	507.0	454.5	396.8	361.2



TEST NUMBER: P1428123

CATALOG NUMBER: SQ2W-PP3-K-125U-100D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
112.5°	554.5	500.6	441.6	406.0
115°	619.0	559.6	505.4	474.8
117.5°	681.0	620.0	562.7	538.6
120°	719.0	658.0	602.0	583.4
122.5°	750.2	690.5	638.6	630.8
125°	797.0	736.0	691.9	702.1
127.5°	835.0	779.1	751.2	774.0
130°	858.1	808.9	791.9	824.2
132.5°	878.4	840.1	832.6	877.1
135°	909.0	886.9	893.7	954.7
137.5°	945.2	936.8	959.5	1036.5
140°	968.3	973.4	1005.6	1092.1
142.5°	999.5	1011.4	1053.1	1145.0
145°	1048.0	1073.5	1127.7	1219.3
147.5°	1103.0	1135.9	1203.0	1297.0
150°	1139.6	1182.0	1253.2	1343.1
152.5°	1181.6	1225.4	1296.6	1387.9
155°	1246.4	1295.6	1370.2	1448.2
157.5°	1312.6	1362.8	1434.0	1502.2
160°	1353.3	1407.5	1472.0	1534.7
162.5°	1399.4	1449.6	1505.9	1561.8
165°	1466.9	1507.6	1553.4	1600.9
167.5°	1523.5	1557.4	1593.4	1630.4
170°	1560.2	1587.3	1617.8	1646.6
172.5°	1591.4	1613.1	1635.4	1660.2
175°	1633.1	1644.9	1658.5	1673.8
177.5°	1665.3	1669.4	1673.4	1680.2
180°	1678.9	1678.9	1678.9	1678.9



TEST NUMBER: P1428123
 CATALOG NUMBER: SQ2W-PP3-K-125U-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	19.09	19.91	20.06	20.89	22.19	14.86	15.68	15.84	16.66	17.96
	3H	20.15	20.88	21.13	21.87	23.19	16.17	16.90	17.15	17.89	19.21
	4H	20.51	21.20	21.51	22.20	23.53	16.72	17.41	17.72	18.41	19.74
	6H	20.71	21.34	21.72	22.34	23.68	17.08	17.72	18.09	18.72	20.06
	8H	20.77	21.37	21.78	22.39	23.72	17.21	17.82	18.23	18.83	20.17
	12H	20.79	21.36	21.81	22.37	23.73	17.25	17.82	18.27	18.83	20.19
4H	2H	19.20	19.89	20.21	20.89	22.22	15.76	16.46	16.77	17.45	18.78
	3H	20.49	21.07	21.51	22.09	23.43	17.18	17.76	18.20	18.78	20.12
	4H	21.00	21.52	22.02	22.54	23.90	17.80	18.33	18.83	19.35	20.71
	6H	21.31	21.76	22.35	22.80	24.16	18.25	18.70	19.28	19.74	21.10
	8H	21.42	21.84	22.46	22.88	24.25	18.42	18.84	19.45	19.87	21.24
	12H	21.46	21.84	22.52	22.89	24.27	18.46	18.84	19.52	19.89	21.27
8H	4H	21.02	21.44	22.05	22.47	23.84	18.11	18.53	19.14	19.56	20.94
	6H	21.43	21.77	22.49	22.85	24.22	18.67	19.01	19.73	20.09	21.46
	8H	21.61	21.91	22.67	22.97	24.36	18.92	19.22	19.98	20.28	21.67
	12H	21.70	21.97	22.77	23.03	24.46	19.01	19.28	20.08	20.34	21.77
12H	4H	20.97	21.35	22.03	22.40	23.78	18.12	18.50	19.17	19.55	20.93
	6H	21.42	21.72	22.48	22.79	24.18	18.73	19.04	19.80	20.10	21.49
	8H	21.61	21.88	22.68	22.94	24.37	19.01	19.28	20.08	20.33	21.76