

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: CORELITE

Report Number: P1427674

Luminaire Tested: SQ2W-F-0U-125D-L940-UNV-STD-W-WM-4

Issue Date: 3/10/2026

Test Information

Test Method: LM-79-2024
Report Number: P1427674
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2303-941-3, G2-2308-131-20)
Test Lab: INNOVATION CENTER
Issue Date: 3/10/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ2W-F-0U-125D-L940-UNV-STD-W-WM-4
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE
DOWNLIGHT - FROSTED CONTINUOUS ROLL LENS
UPLIGHT - ASYMMETRIC ROLL LENS
DOWNLIGHT 1250 LUMENS PER FOOT
UPLIGHT N/A - DIRECT ONLY
Light Source: 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

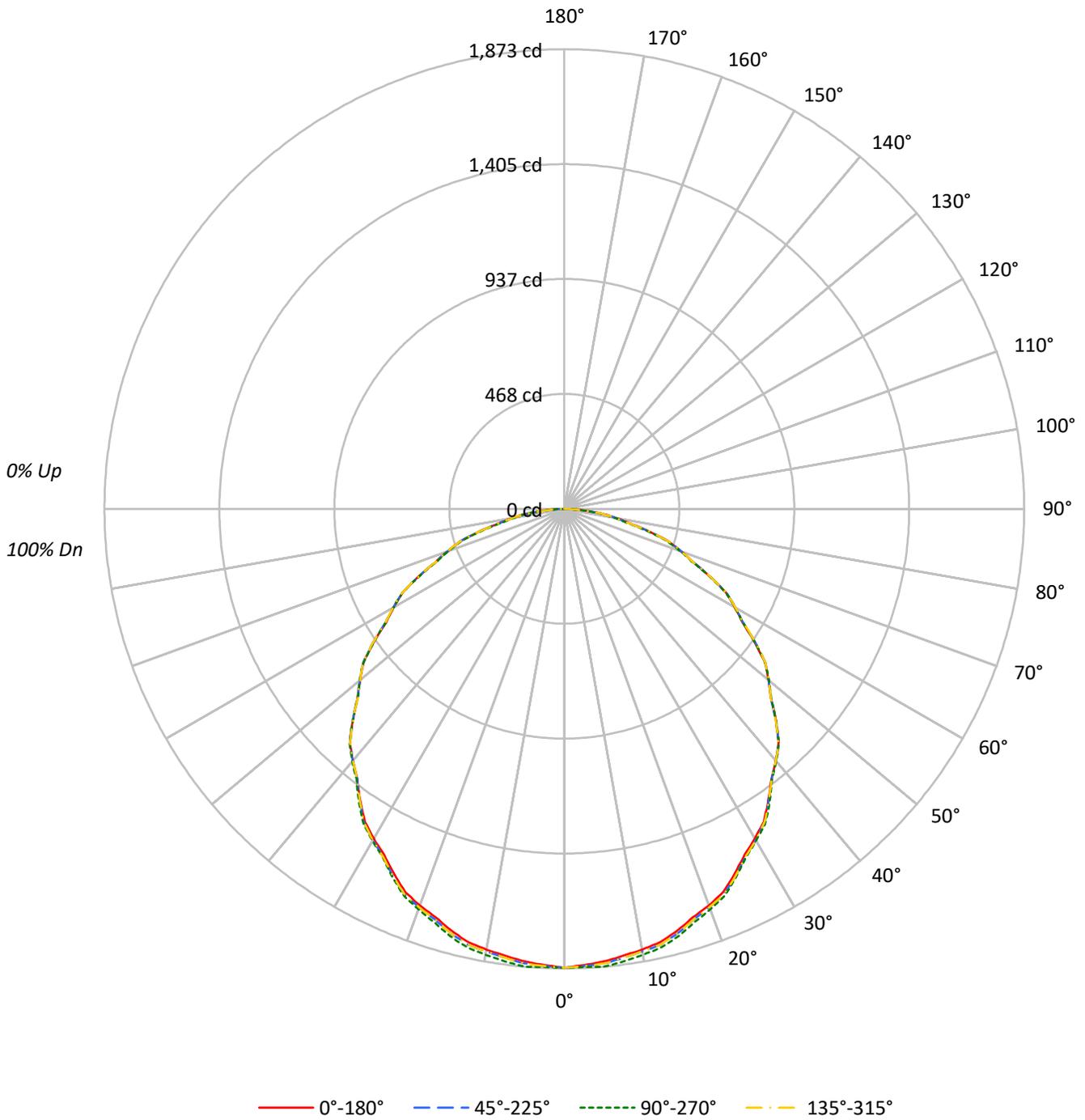
Lumens per Lamp: N/A
Luminaire Lumens: 5263.6 lumens
Efficiency: N/A
Efficacy: 107.0 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.25 / 1.36
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 49.2
Input Voltage (V): 120
Input Current (A_{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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	104	100	96	106	102	98	94	97	94	91	93	91	88	90	88	86	84
2	99	90	84	78	96	89	82	77	85	80	75	82	77	73	79	75	72	70
3	90	79	71	65	87	78	70	64	75	68	63	72	66	62	69	65	61	58
4	82	70	61	55	80	69	61	54	66	59	54	64	58	53	62	57	52	50
5	76	63	54	47	74	62	53	47	60	52	46	58	51	46	56	50	45	43
6	70	56	47	41	68	56	47	41	54	46	40	52	45	40	50	44	40	38
7	65	51	42	36	63	50	42	36	49	41	36	47	41	36	46	40	35	33
8	60	47	38	32	59	46	38	32	45	37	32	43	37	32	42	36	32	30
9	56	43	35	29	55	42	34	29	41	34	29	40	33	29	39	33	29	27
10	53	40	32	26	52	39	31	26	38	31	26	37	31	26	36	30	26	24

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	30197	30197	30197	30197
5°	30013	30355	30013	30355
10°	29907	30251	29907	30251
15°	29743	30117	29743	30117
20°	29554	29848	29554	29848
25°	29236	29494	29236	29494
30°	28925	29123	28925	29123
35°	28556	28737	28556	28737
40°	28232	28314	28232	28314
45°	27818	27818	27818	27818
50°	27261	27326	27261	27326
55°	26620	26657	26620	26657
60°	25901	25901	25901	25901
65°	25058	24958	25058	24958
70°	23877	23627	23877	23627
75°	22264	21771	22264	21771
80°	19842	18856	19842	18856
85°	15857	13412	15857	13412

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 28005 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	177.0	3.4
10°-20°	505.6	9.6
20°-30°	761.1	14.5
30°-40°	910.2	17.3
40°-50°	939.9	17.9
50°-60°	847.7	16.1
60°-70°	649.4	12.3
70°-80°	375.3	7.1
80°-90°	97.5	1.9
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1443.7	27.4
0°-40°	2353.9	44.7
0°-60°	4141.5	78.7
0°-90°	5263.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5263.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1870	1870	1870	1870	1870	
5°	1852	1873	1852	1873	1852	176
15°	1779	1802	1779	1802	1779	502
25°	1641	1656	1641	1656	1641	756
35°	1449	1458	1449	1458	1449	907
45°	1218	1218	1218	1218	1218	939
55°	946	947	946	947	946	845
65°	656	653	656	653	656	648
75°	357	349	357	349	357	378
85°	86	72	86	72	86	103
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°	1870.3	1870.3	1870.3	1870.3	1870.3	1870.3	1870.3	1870.3	1870.3	1870.3	1870.3
2.5°	1860.8	1869.7	1878.6	1874.8	1866.9	1863.8	1865.7	1867.3	1868.3	1869.2	1868.3
5°	1851.8	1863.5	1875.2	1871.1	1861.8	1857.7	1858.8	1861.2	1867.0	1872.9	1867.0
7.5°	1836.8	1848.5	1860.2	1856.5	1847.6	1843.8	1845.2	1847.8	1853.9	1860.0	1853.9
10°	1824.2	1835.9	1847.6	1843.5	1834.1	1830.6	1832.9	1835.9	1840.5	1845.2	1840.5
12.5°	1808.4	1820.1	1831.8	1828.4	1819.9	1816.4	1817.8	1820.2	1825.3	1830.5	1825.3
15°	1779.4	1791.1	1802.8	1799.6	1791.4	1788.2	1789.9	1792.4	1797.1	1801.8	1797.1
17.5°	1744.3	1755.3	1766.4	1763.4	1755.8	1753.0	1755.0	1757.5	1761.6	1765.7	1761.6
20°	1720.1	1730.6	1741.2	1738.1	1730.5	1727.0	1727.6	1729.0	1733.1	1737.2	1733.1
22.5°	1690.6	1701.1	1711.7	1709.0	1701.8	1697.6	1696.3	1696.6	1701.6	1706.7	1701.6
25°	1641.1	1651.6	1662.2	1660.0	1653.5	1649.4	1647.7	1647.4	1651.5	1655.6	1651.5
27.5°	1589.5	1598.2	1607.0	1605.2	1599.8	1596.5	1595.3	1595.2	1598.1	1601.0	1598.1
30°	1551.5	1560.3	1569.1	1566.9	1561.0	1557.5	1556.4	1556.2	1559.1	1562.1	1559.1
32.5°	1511.5	1519.8	1528.1	1525.1	1518.3	1514.8	1514.6	1515.2	1518.6	1522.0	1518.6
35°	1448.8	1455.8	1462.8	1459.8	1453.3	1450.4	1451.0	1452.2	1455.1	1458.0	1455.1
37.5°	1385.8	1391.2	1396.6	1393.5	1387.5	1384.5	1384.3	1384.9	1387.3	1389.8	1387.3
40°	1339.5	1345.3	1351.2	1347.8	1341.4	1337.9	1337.3	1337.6	1340.5	1343.4	1340.5
42.5°	1292.1	1296.5	1301.0	1297.9	1292.4	1289.9	1290.2	1290.9	1292.4	1293.9	1292.4
45°	1218.3	1222.4	1226.5	1223.6	1218.3	1215.7	1215.7	1216.0	1217.1	1218.3	1217.1
47.5°	1141.1	1144.3	1147.4	1145.2	1141.1	1138.7	1138.0	1137.9	1139.8	1141.6	1139.8
50°	1085.3	1089.4	1093.5	1091.4	1087.3	1084.7	1083.5	1083.2	1085.6	1087.9	1085.6
52.5°	1030.5	1035.1	1039.6	1037.7	1033.6	1030.7	1029.1	1028.3	1030.2	1032.1	1030.2
55°	945.7	950.9	956.2	954.9	951.4	948.4	946.1	944.6	945.8	947.0	945.8
57.5°	859.0	864.2	869.3	868.3	865.3	862.3	859.5	857.8	859.5	861.1	859.5
60°	802.1	806.8	811.5	810.0	806.5	803.6	801.2	799.8	800.9	802.1	800.9
62.5°	744.2	748.8	753.5	751.7	747.7	744.6	742.2	740.8	741.9	743.1	741.9
65°	655.9	660.0	664.1	662.5	659.0	656.1	653.7	652.1	652.7	653.3	652.7
67.5°	566.9	570.4	573.9	572.2	568.8	565.4	562.0	559.7	560.7	561.6	560.7
70°	505.8	509.3	512.8	511.5	508.5	505.6	502.7	500.5	500.5	500.5	500.5
72.5°	446.8	449.8	452.8	451.1	447.7	444.7	442.3	440.4	440.4	440.4	440.4
75°	356.9	358.7	360.4	359.6	357.8	355.5	352.5	350.2	349.6	349.0	349.6
77.5°	270.3	270.3	270.3	268.6	266.4	264.1	261.9	260.1	259.4	258.7	259.4
80°	213.4	213.4	213.4	212.1	210.3	208.5	206.8	205.2	204.0	202.8	204.0
82.5°	160.7	159.7	158.8	157.3	155.5	153.3	150.6	148.9	150.0	151.2	150.0
85°	85.6	84.4	83.3	81.7	79.9	77.9	75.5	73.6	73.0	72.4	73.0
87.5°	26.3	25.4	24.5	23.2	21.8	20.1	18.3	16.7	16.3	15.8	16.3
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°	1870.3	1870.3	1870.3	1870.3	1870.3	1870.3	1870.3	1870.3	1870.3	1870.3	1870.3
2.5°	1867.3	1865.7	1863.8	1866.9	1874.8	1878.6	1869.7	1860.8	1869.7	1878.6	1874.8
5°	1861.2	1858.8	1857.7	1861.8	1871.1	1875.2	1863.5	1851.8	1863.5	1875.2	1871.1
7.5°	1847.8	1845.2	1843.8	1847.6	1856.5	1860.2	1848.5	1836.8	1848.5	1860.2	1856.5
10°	1835.9	1832.9	1830.6	1834.1	1843.5	1847.6	1835.9	1824.2	1835.9	1847.6	1843.5
12.5°	1820.2	1817.8	1816.4	1819.9	1828.4	1831.8	1820.1	1808.4	1820.1	1831.8	1828.4
15°	1792.4	1789.9	1788.2	1791.4	1799.6	1802.8	1791.1	1779.4	1791.1	1802.8	1799.6
17.5°	1757.5	1755.0	1753.0	1755.8	1763.4	1766.4	1755.3	1744.3	1755.3	1766.4	1763.4
20°	1729.0	1727.6	1727.0	1730.5	1738.1	1741.2	1730.6	1720.1	1730.6	1741.2	1738.1
22.5°	1696.6	1696.3	1697.6	1701.8	1709.0	1711.7	1701.1	1690.6	1701.1	1711.7	1709.0
25°	1647.4	1647.7	1649.4	1653.5	1660.0	1662.2	1651.6	1641.1	1651.6	1662.2	1660.0
27.5°	1595.2	1595.3	1596.5	1599.8	1605.2	1607.0	1598.2	1589.5	1598.2	1607.0	1605.2
30°	1556.2	1556.4	1557.5	1561.0	1566.9	1569.1	1560.3	1551.5	1560.3	1569.1	1566.9
32.5°	1515.2	1514.6	1514.8	1518.3	1525.1	1528.1	1519.8	1511.5	1519.8	1528.1	1525.1
35°	1452.2	1451.0	1450.4	1453.3	1459.8	1462.8	1455.8	1448.8	1455.8	1462.8	1459.8
37.5°	1384.9	1384.3	1384.5	1387.5	1393.5	1396.6	1391.2	1385.8	1391.2	1396.6	1393.5
40°	1337.6	1337.3	1337.9	1341.4	1347.8	1351.2	1345.3	1339.5	1345.3	1351.2	1347.8
42.5°	1290.9	1290.2	1289.9	1292.4	1297.9	1301.0	1296.5	1292.1	1296.5	1301.0	1297.9
45°	1216.0	1215.7	1215.7	1218.3	1223.6	1226.5	1222.4	1218.3	1222.4	1226.5	1223.6
47.5°	1137.9	1138.0	1138.7	1141.1	1145.2	1147.4	1144.3	1141.1	1144.3	1147.4	1145.2
50°	1083.2	1083.5	1084.7	1087.3	1091.4	1093.5	1089.4	1085.3	1089.4	1093.5	1091.4
52.5°	1028.3	1029.1	1030.7	1033.6	1037.7	1039.6	1035.1	1030.5	1035.1	1039.6	1037.7
55°	944.6	946.1	948.4	951.4	954.9	956.2	950.9	945.7	950.9	956.2	954.9
57.5°	857.8	859.5	862.3	865.3	868.3	869.3	864.2	859.0	864.2	869.3	868.3
60°	799.8	801.2	803.6	806.5	810.0	811.5	806.8	802.1	806.8	811.5	810.0
62.5°	740.8	742.2	744.6	747.7	751.7	753.5	748.8	744.2	748.8	753.5	751.7
65°	652.1	653.7	656.1	659.0	662.5	664.1	660.0	655.9	660.0	664.1	662.5
67.5°	559.7	562.0	565.4	568.8	572.2	573.9	570.4	566.9	570.4	573.9	572.2
70°	500.5	502.7	505.6	508.5	511.5	512.8	509.3	505.8	509.3	512.8	511.5
72.5°	440.4	442.3	444.7	447.7	451.1	452.8	449.8	446.8	449.8	452.8	451.1
75°	350.2	352.5	355.5	357.8	359.6	360.4	358.7	356.9	358.7	360.4	359.6
77.5°	260.1	261.9	264.1	266.4	268.6	270.3	270.3	270.3	270.3	270.3	268.6
80°	205.2	206.8	208.5	210.3	212.1	213.4	213.4	213.4	213.4	213.4	212.1
82.5°	148.9	150.6	153.3	155.5	157.3	158.8	159.7	160.7	159.7	158.8	157.3
85°	73.6	75.5	77.9	79.9	81.7	83.3	84.4	85.6	84.4	83.3	81.7
87.5°	16.7	18.3	20.1	21.8	23.2	24.5	25.4	26.3	25.4	24.5	23.2
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°	1870.3	1870.3	1870.3	1870.3	1870.3	1870.3	1870.3	1870.3	1870.3	1870.3	1870.3
2.5°	1866.9	1863.8	1865.7	1867.3	1868.3	1869.2	1868.3	1867.3	1865.7	1863.8	1866.9
5°	1861.8	1857.7	1858.8	1861.2	1867.0	1872.9	1867.0	1861.2	1858.8	1857.7	1861.8
7.5°	1847.6	1843.8	1845.2	1847.8	1853.9	1860.0	1853.9	1847.8	1845.2	1843.8	1847.6
10°	1834.1	1830.6	1832.9	1835.9	1840.5	1845.2	1840.5	1835.9	1832.9	1830.6	1834.1
12.5°	1819.9	1816.4	1817.8	1820.2	1825.3	1830.5	1825.3	1820.2	1817.8	1816.4	1819.9
15°	1791.4	1788.2	1789.9	1792.4	1797.1	1801.8	1797.1	1792.4	1789.9	1788.2	1791.4
17.5°	1755.8	1753.0	1755.0	1757.5	1761.6	1765.7	1761.6	1757.5	1755.0	1753.0	1755.8
20°	1730.5	1727.0	1727.6	1729.0	1733.1	1737.2	1733.1	1729.0	1727.6	1727.0	1730.5
22.5°	1701.8	1697.6	1696.3	1696.6	1701.6	1706.7	1701.6	1696.6	1696.3	1697.6	1701.8
25°	1653.5	1649.4	1647.7	1647.4	1651.5	1655.6	1651.5	1647.4	1647.7	1649.4	1653.5
27.5°	1599.8	1596.5	1595.3	1595.2	1598.1	1601.0	1598.1	1595.2	1595.3	1596.5	1599.8
30°	1561.0	1557.5	1556.4	1556.2	1559.1	1562.1	1559.1	1556.2	1556.4	1557.5	1561.0
32.5°	1518.3	1514.8	1514.6	1515.2	1518.6	1522.0	1518.6	1515.2	1514.6	1514.8	1518.3
35°	1453.3	1450.4	1451.0	1452.2	1455.1	1458.0	1455.1	1452.2	1451.0	1450.4	1453.3
37.5°	1387.5	1384.5	1384.3	1384.9	1387.3	1389.8	1387.3	1384.9	1384.3	1384.5	1387.5
40°	1341.4	1337.9	1337.3	1337.6	1340.5	1343.4	1340.5	1337.6	1337.3	1337.9	1341.4
42.5°	1292.4	1289.9	1290.2	1290.9	1292.4	1293.9	1292.4	1290.9	1290.2	1289.9	1292.4
45°	1218.3	1215.7	1215.7	1216.0	1217.1	1218.3	1217.1	1216.0	1215.7	1215.7	1218.3
47.5°	1141.1	1138.7	1138.0	1137.9	1139.8	1141.6	1139.8	1137.9	1138.0	1138.7	1141.1
50°	1087.3	1084.7	1083.5	1083.2	1085.6	1087.9	1085.6	1083.2	1083.5	1084.7	1087.3
52.5°	1033.6	1030.7	1029.1	1028.3	1030.2	1032.1	1030.2	1028.3	1029.1	1030.7	1033.6
55°	951.4	948.4	946.1	944.6	945.8	947.0	945.8	944.6	946.1	948.4	951.4
57.5°	865.3	862.3	859.5	857.8	859.5	861.1	859.5	857.8	859.5	862.3	865.3
60°	806.5	803.6	801.2	799.8	800.9	802.1	800.9	799.8	801.2	803.6	806.5
62.5°	747.7	744.6	742.2	740.8	741.9	743.1	741.9	740.8	742.2	744.6	747.7
65°	659.0	656.1	653.7	652.1	652.7	653.3	652.7	652.1	653.7	656.1	659.0
67.5°	568.8	565.4	562.0	559.7	560.7	561.6	560.7	559.7	562.0	565.4	568.8
70°	508.5	505.6	502.7	500.5	500.5	500.5	500.5	500.5	502.7	505.6	508.5
72.5°	447.7	444.7	442.3	440.4	440.4	440.4	440.4	440.4	442.3	444.7	447.7
75°	357.8	355.5	352.5	350.2	349.6	349.0	349.6	350.2	352.5	355.5	357.8
77.5°	266.4	264.1	261.9	260.1	259.4	258.7	259.4	260.1	261.9	264.1	266.4
80°	210.3	208.5	206.8	205.2	204.0	202.8	204.0	205.2	206.8	208.5	210.3
82.5°	155.5	153.3	150.6	148.9	150.0	151.2	150.0	148.9	150.6	153.3	155.5
85°	79.9	77.9	75.5	73.6	73.0	72.4	73.0	73.6	75.5	77.9	79.9
87.5°	21.8	20.1	18.3	16.7	16.3	15.8	16.3	16.7	18.3	20.1	21.8
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: P1427674

CATALOG NUMBER: SQ2W-F-0U-125D-L940-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
0°	1870.3	1870.3	1870.3	1870.3
2.5°	1874.8	1878.6	1869.7	1860.8
5°	1871.1	1875.2	1863.5	1851.8
7.5°	1856.5	1860.2	1848.5	1836.8
10°	1843.5	1847.6	1835.9	1824.2
12.5°	1828.4	1831.8	1820.1	1808.4
15°	1799.6	1802.8	1791.1	1779.4
17.5°	1763.4	1766.4	1755.3	1744.3
20°	1738.1	1741.2	1730.6	1720.1
22.5°	1709.0	1711.7	1701.1	1690.6
25°	1660.0	1662.2	1651.6	1641.1
27.5°	1605.2	1607.0	1598.2	1589.5
30°	1566.9	1569.1	1560.3	1551.5
32.5°	1525.1	1528.1	1519.8	1511.5
35°	1459.8	1462.8	1455.8	1448.8
37.5°	1393.5	1396.6	1391.2	1385.8
40°	1347.8	1351.2	1345.3	1339.5
42.5°	1297.9	1301.0	1296.5	1292.1
45°	1223.6	1226.5	1222.4	1218.3
47.5°	1145.2	1147.4	1144.3	1141.1
50°	1091.4	1093.5	1089.4	1085.3
52.5°	1037.7	1039.6	1035.1	1030.5
55°	954.9	956.2	950.9	945.7
57.5°	868.3	869.3	864.2	859.0
60°	810.0	811.5	806.8	802.1
62.5°	751.7	753.5	748.8	744.2
65°	662.5	664.1	660.0	655.9
67.5°	572.2	573.9	570.4	566.9
70°	511.5	512.8	509.3	505.8
72.5°	451.1	452.8	449.8	446.8
75°	359.6	360.4	358.7	356.9
77.5°	268.6	270.3	270.3	270.3
80°	212.1	213.4	213.4	213.4
82.5°	157.3	158.8	159.7	160.7
85°	81.7	83.3	84.4	85.6
87.5°	23.2	24.5	25.4	26.3
90°	0.0	0.0	0.0	0.0



TEST NUMBER: P1427674
 CATALOG NUMBER: SQ2W-F-0U-125D-L940-UNV-STD-W-WM-4

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	23.50	25.14	23.87	25.46	25.77	23.42	25.06	23.78	25.37	25.69
	3H	25.34	26.83	25.72	27.16	27.52	25.24	26.73	25.62	27.05	27.41
	4H	26.07	27.47	26.47	27.82	28.20	25.96	27.36	26.36	27.71	28.08
	6H	26.55	27.85	26.96	28.21	28.60	26.41	27.71	26.82	28.07	28.46
	8H	26.73	27.97	27.15	28.36	28.76	26.57	27.81	27.00	28.20	28.60
	12H	26.84	28.03	27.27	28.41	28.84	26.66	27.85	27.09	28.23	28.66
4H	2H	24.17	25.57	24.57	25.92	26.29	24.10	25.50	24.50	25.85	26.22
	3H	26.26	27.43	26.66	27.83	28.23	26.16	27.34	26.57	27.73	28.13
	4H	27.10	28.16	27.53	28.58	29.01	26.99	28.05	27.42	28.47	28.90
	6H	27.70	28.63	28.15	29.07	29.52	27.56	28.49	28.01	28.93	29.38
	8H	27.93	28.80	28.39	29.24	29.71	27.77	28.64	28.23	29.08	29.55
	12H	28.08	28.86	28.56	29.34	29.81	27.89	28.68	28.37	29.15	29.62
8H	4H	27.41	28.28	27.87	28.72	29.18	27.31	28.18	27.77	28.62	29.09
	6H	28.13	28.85	28.62	29.34	29.82	28.00	28.72	28.49	29.21	29.68
	8H	28.44	29.09	28.95	29.60	30.08	28.29	28.94	28.80	29.44	29.93
	12H	28.66	29.24	29.17	29.73	30.29	28.47	29.05	28.98	29.54	30.10
12H	4H	27.44	28.22	27.92	28.70	29.17	27.35	28.13	27.82	28.60	29.07
	6H	28.19	28.84	28.70	29.34	29.83	28.06	28.71	28.57	29.22	29.70
	8H	28.56	29.13	29.07	29.62	30.18	28.41	28.98	28.91	29.47	30.03