

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: P1428032

Luminaire Tested: SQ2W-PP3-K-025U-125D-L930-UNV-STD-W-WM-4

Issue Date: 3/10/2026

Test Information

Test Method: LM-79-2019
Report Number: P1428032
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-025U-125D-L930-UNV-STD-W-WM-4
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE
DOWNLIGHT - PERCEIVE PRISM LENS
UPLIGHT - ASYMMETRIC ROLL LENS
DOWNLIGHT 1250 LUMENS PER FOOT
UPLIGHT 250 LUMENS PER FOOT
Light Source: 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

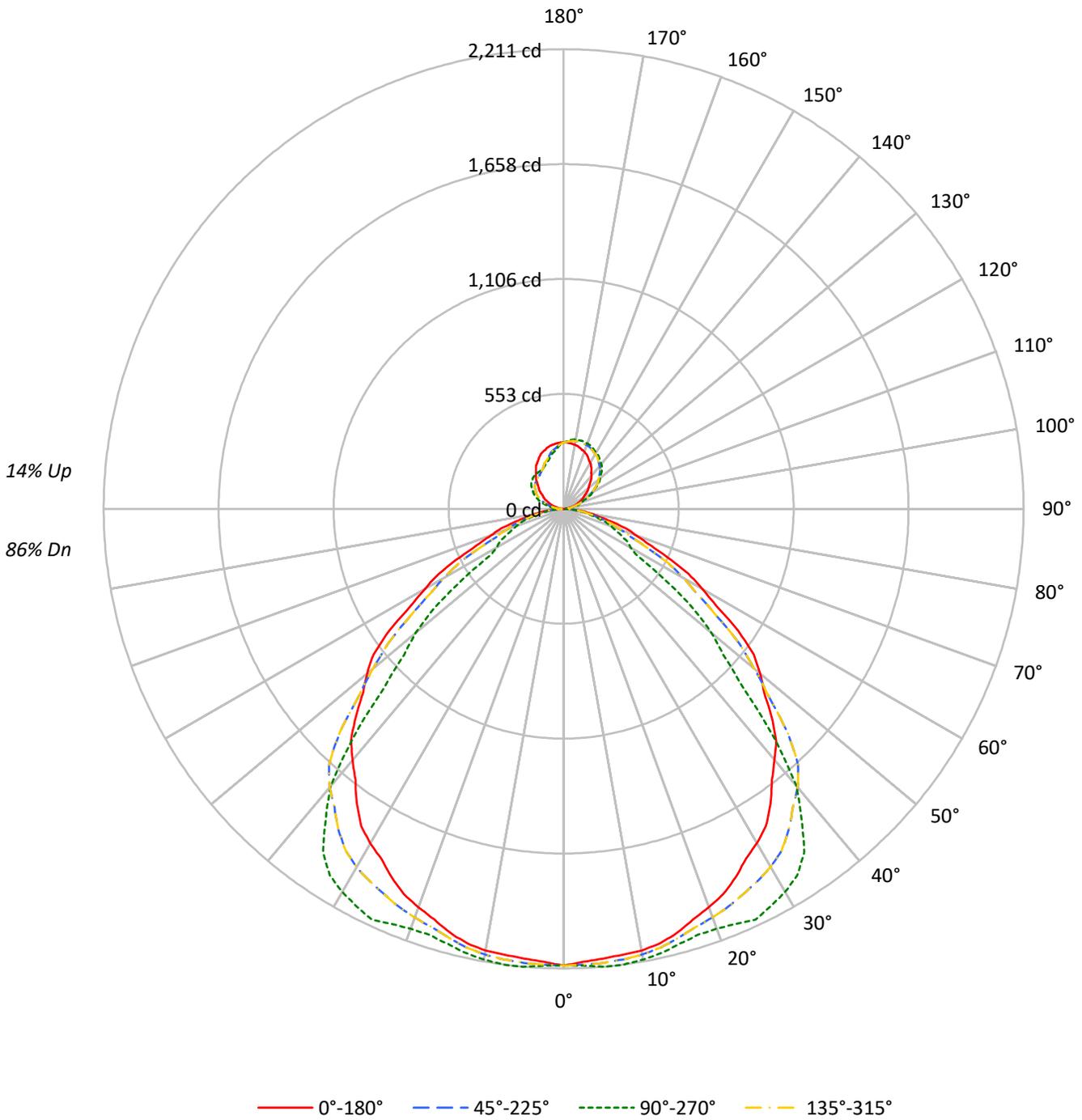
Lumens per Lamp: N/A
Luminaire Lumens: 6466.4 lumens
Efficiency: N/A
Efficacy: 114.0 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.41 / 1.4
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: Semi-Direct

Input Watts (W): 56.7
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	50	30	10	50	30	10	50	30	10	0				
RCR																																		
0	116	116	116	116	111	111	111	111	103	103	103	96	96	96	89	89	89	86																
1	107	103	99	95	103	99	96	93	92	89	87	86	84	82	80	78	77	74																
2	98	91	85	79	94	88	82	77	82	77	73	76	73	70	72	69	66	63																
3	90	80	73	67	86	78	71	66	73	67	63	68	64	60	64	60	57	55																
4	83	72	64	58	79	70	62	57	65	59	54	61	56	52	58	53	50	47																
5	76	64	56	50	73	62	55	49	59	52	47	55	50	46	52	48	44	41																
6	71	58	50	44	68	57	49	43	53	47	42	50	45	40	48	43	39	37																
7	65	53	45	39	63	51	44	38	49	42	37	46	40	36	44	39	35	33																
8	61	48	40	35	59	47	39	34	44	38	33	42	36	32	40	35	31	29																
9	57	44	37	31	55	43	36	31	41	34	30	39	33	29	37	32	28	26																
10	53	41	33	28	51	40	33	28	38	32	27	36	30	26	34	29	26	24																

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	35478	35478	35478	35478
5°	35199	35839	35199	35839
10°	35378	36101	35378	36101
15°	35292	36185	35292	36185
20°	35040	36917	35040	36917
25°	34842	38856	34842	38856
30°	34643	39667	34643	39667
35°	34154	39739	34154	39739
40°	33242	36717	33242	36717
45°	32247	27950	32247	27950
50°	30981	23279	30981	23279
55°	28836	16737	28836	16737
60°	24825	11999	24825	11999
65°	20943	11801	20943	11801
70°	17433	11292	17433	11292
75°	14778	10580	14778	10580
80°	12524	9502	12524	9502
85°	9892	5168	9892	5168

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 40°
 Vertical Angle: 45°
 Luminance: 35275 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	209.2	3.2
10°-20°	605.6	9.4
20°-30°	948.7	14.7
30°-40°	1170.3	18.1
40°-50°	1101.8	17.0
50°-60°	780.2	12.1
60°-70°	444.5	6.9
70°-80°	220.0	3.4
80°-90°	55.1	0.9
90°-100°	25.4	0.4
100°-110°	74.0	1.1
110°-120°	120.8	1.9
120°-130°	153.3	2.4
130°-140°	164.0	2.5
140°-150°	153.1	2.4
150°-160°	126.0	1.9
160°-170°	84.5	1.3
170°-180°	30.0	0.5
0°-30°	1763.5	27.3
0°-40°	2933.7	45.4
0°-60°	4815.7	74.5
0°-90°	5535.3	85.6
90°-120°	220.2	3.4
90°-150°	690.5	10.7
90°-180°	931.0	14.4
0°-180°	6466.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2197	2197	2197	2197	2197	
5°	2172	2211	2172	2211	2172	207
15°	2111	2165	2111	2165	2111	595
25°	1956	2181	1956	2181	1956	901
35°	1733	2016	1733	2016	1733	1081
45°	1412	1224	1412	1224	1412	1087
55°	1024	595	1024	595	1024	904
65°	548	309	548	309	548	550
75°	237	170	237	170	237	257
85°	53	28	53	28	53	63
90°	1	7	1	14	1	3
95°	10	7	10	44	10	12
105°	47	75	47	104	47	50
115°	90	125	90	154	90	89
125°	133	198	133	189	133	119
135°	181	259	181	209	181	140
145°	232	299	232	214	232	145
155°	275	325	275	222	275	126
165°	304	338	304	255	304	86
175°	318	331	318	299	318	30
180°	319	319	319	319	319	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
0°	2197.4	2197.4	2197.4	2197.4	2197.4	2197.4	2197.4	2197.4	2197.4	2197.4	2197.4
2.5°	2180.6	2194.7	2208.7	2205.4	2196.3	2192.6	2194.3	2195.9	2197.6	2199.2	2197.6
5°	2171.8	2189.4	2206.9	2204.3	2195.0	2191.4	2193.5	2196.8	2204.1	2211.3	2204.1
7.5°	2163.5	2181.4	2199.4	2197.1	2188.0	2185.2	2188.7	2193.5	2202.4	2211.3	2202.4
10°	2157.9	2173.4	2188.8	2186.5	2178.3	2176.7	2181.9	2187.6	2194.8	2202.0	2194.8
12.5°	2141.2	2155.8	2170.5	2168.6	2161.1	2160.8	2167.6	2174.3	2180.7	2187.1	2180.7
15°	2111.4	2124.8	2138.3	2138.5	2134.4	2137.0	2146.3	2154.5	2159.7	2164.8	2159.7
17.5°	2071.0	2087.3	2103.6	2107.4	2107.0	2113.4	2126.6	2137.8	2143.2	2148.6	2143.2
20°	2039.4	2059.0	2078.6	2085.1	2087.2	2096.5	2113.0	2127.9	2138.3	2148.6	2138.3
22.5°	2006.0	2028.9	2051.8	2060.3	2064.0	2078.3	2103.1	2126.1	2143.8	2161.6	2143.8
25°	1955.8	1978.5	2001.2	2017.7	2032.2	2057.5	2093.6	2127.4	2154.3	2181.1	2154.3
27.5°	1897.3	1919.8	1942.3	1970.7	2001.0	2036.5	2077.2	2113.0	2134.3	2155.6	2134.3
30°	1858.2	1879.9	1901.6	1934.1	1970.2	2009.5	2051.8	2088.5	2108.1	2127.7	2108.1
32.5°	1809.9	1832.4	1854.9	1889.5	1928.1	1970.2	2015.9	2054.6	2072.6	2090.5	2072.6
35°	1732.8	1754.5	1776.2	1816.4	1862.9	1909.9	1957.3	1995.5	2005.9	2016.2	2005.9
37.5°	1644.1	1668.6	1693.2	1738.4	1790.4	1829.7	1856.4	1876.5	1877.1	1877.7	1877.1
40°	1577.2	1609.2	1641.2	1686.3	1735.9	1763.3	1768.4	1768.9	1755.5	1742.1	1755.5
42.5°	1512.1	1553.2	1594.3	1630.6	1665.3	1672.4	1652.0	1621.7	1562.1	1502.4	1562.1
45°	1412.3	1460.8	1509.3	1531.5	1544.9	1499.5	1395.2	1306.7	1265.4	1224.1	1265.4
47.5°	1305.9	1353.8	1401.7	1395.5	1371.4	1302.6	1189.3	1097.1	1068.6	1040.1	1068.6
50°	1233.4	1278.8	1324.3	1291.5	1232.6	1155.2	1059.2	980.5	953.6	926.8	953.6
52.5°	1151.6	1192.1	1232.6	1183.1	1103.6	1022.0	938.4	865.5	824.6	783.7	824.6
55°	1024.4	1052.2	1080.1	1025.9	944.3	854.5	756.5	673.1	633.9	594.6	633.9
57.5°	871.0	890.7	910.3	867.6	804.3	715.0	599.7	502.3	458.4	414.4	458.4
60°	768.8	784.3	799.8	761.1	704.3	619.2	505.6	415.0	393.3	371.6	393.3
62.5°	675.9	689.8	703.6	663.2	604.8	528.7	435.0	362.8	355.1	347.5	355.1
65°	548.2	561.6	575.0	532.7	471.8	412.4	354.6	311.0	310.0	308.9	310.0
67.5°	436.2	450.9	465.5	425.7	367.7	323.8	294.1	271.5	270.2	269.0	270.2
70°	369.3	384.8	400.3	363.1	308.4	272.8	256.3	243.4	241.3	239.2	241.3
72.5°	313.6	328.2	342.9	310.5	262.4	233.0	222.2	213.9	212.6	211.4	212.6
75°	236.9	248.3	259.6	236.2	201.1	180.9	175.8	171.6	170.6	169.6	170.6
77.5°	171.9	179.1	186.3	171.0	148.0	135.2	132.6	130.3	129.3	128.2	129.3
80°	134.7	137.8	140.9	130.1	114.6	106.3	105.3	104.3	103.2	102.2	103.2
82.5°	101.3	100.2	99.2	92.9	84.9	80.3	79.3	78.0	76.2	74.3	76.2
85°	53.4	51.4	49.3	47.2	45.2	42.1	37.9	34.1	31.0	27.9	31.0
87.5°	16.9	17.2	17.5	14.7	10.7	8.3	7.5	6.9	7.0	7.0	7.0
90°	1.0	2.3	3.9	5.2	6.1	6.4	6.4	6.8	7.1	7.1	7.1
92.5°	3.5	5.6	5.7	5.7	6.9	7.5	8.0	8.1	8.4	8.4	8.4
95°	10.0	11.0	16.4	16.1	11.0	8.7	7.4	7.4	7.4	7.4	7.4
97.5°	19.1	20.5	21.4	28.7	30.3	29.2	23.8	20.0	17.9	16.9	17.9
100°	27.1	27.7	29.6	30.0	38.0	45.7	41.9	37.0	35.4	34.5	35.4
102.5°	35.0	35.4	38.4	39.7	41.6	46.0	59.4	57.9	56.8	56.6	56.8
105°	47.0	47.3	52.8	55.4	56.7	56.7	56.4	62.8	73.1	75.4	73.1
107.5°	59.8	61.3	67.8	74.7	76.1	76.5	74.9	73.9	73.5	73.8	73.5
110°	68.6	70.9	78.6	87.3	89.5	90.2	89.5	88.6	87.9	87.9	87.9



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
112.5°	77.1	80.4	89.2	99.1	102.9	104.9	103.5	102.7	102.1	102.6	102.1
115°	90.2	95.0	106.6	116.9	124.6	125.6	125.3	125.3	125.0	125.0	125.0
117.5°	102.3	110.0	123.0	135.0	144.0	146.5	147.8	147.5	147.1	147.7	147.1
120°	110.8	119.8	134.6	148.2	156.9	160.7	162.0	161.4	162.0	161.4	162.0
122.5°	119.8	130.9	145.5	159.5	169.7	174.1	175.7	175.8	175.9	175.5	175.9
125°	133.3	146.9	163.9	178.4	189.1	194.2	195.5	195.8	196.5	198.1	196.5
127.5°	147.0	162.3	181.1	195.1	205.9	212.2	214.2	214.9	216.2	217.0	216.2
130°	156.5	173.9	192.9	206.1	216.8	223.5	227.1	228.0	229.6	229.3	229.6
132.5°	166.6	184.7	204.0	217.7	227.6	234.9	237.9	240.7	241.2	241.7	241.2
135°	181.3	201.0	220.3	233.8	243.2	250.3	254.1	256.7	258.3	259.3	258.3
137.5°	196.9	217.6	236.2	248.2	257.6	263.7	268.1	270.8	272.5	273.3	272.5
140°	207.4	227.4	245.4	258.0	266.4	272.5	276.3	279.6	281.5	281.5	281.5
142.5°	217.5	237.2	254.7	267.3	274.6	280.2	284.3	286.8	289.0	289.0	289.0
145°	231.6	251.2	267.3	279.9	286.0	291.2	295.7	297.6	298.9	298.9	298.9
147.5°	246.3	263.7	278.4	290.5	295.6	301.7	305.2	306.8	308.4	307.7	308.4
150°	255.1	271.2	285.4	296.6	301.8	307.6	311.1	312.4	314.0	313.1	314.0
152.5°	263.6	278.9	291.8	302.3	306.7	312.5	316.5	317.8	318.9	318.2	318.9
155°	275.1	288.6	300.5	310.2	314.0	319.5	323.4	325.0	326.3	324.7	326.3
157.5°	285.3	297.0	307.3	316.2	320.3	325.0	328.7	330.7	331.9	331.2	331.9
160°	291.5	302.1	311.5	319.8	323.7	327.9	331.7	334.0	335.3	334.3	335.3
162.5°	296.6	306.2	315.1	322.7	326.0	329.7	334.3	336.3	337.6	336.4	337.6
165°	304.0	311.8	319.5	326.0	328.8	331.7	336.6	338.8	339.8	338.5	339.8
167.5°	309.7	315.6	321.8	327.4	329.5	332.3	337.2	339.0	340.3	338.6	340.3
170°	312.7	317.9	323.4	327.9	329.5	332.1	336.9	338.5	339.5	337.9	339.5
172.5°	315.3	319.2	323.6	327.6	328.5	330.5	335.1	336.7	337.4	336.1	337.4
175°	317.9	320.2	323.4	326.0	325.6	326.9	330.8	332.1	333.4	331.4	333.4
177.5°	319.1	320.2	321.2	322.7	321.7	321.7	324.5	325.3	325.6	324.5	325.6
180°	318.9	318.9	318.9	318.9	318.9	318.9	318.9	318.9	318.9	318.9	318.9

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CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
0°	2197.4	2197.4	2197.4	2197.4	2197.4	2197.4	2197.4	2197.4	2197.4	2197.4	2197.4
2.5°	2195.9	2194.3	2192.6	2196.3	2205.4	2208.7	2194.7	2180.6	2194.7	2208.7	2205.4
5°	2196.8	2193.5	2191.4	2195.0	2204.3	2206.9	2189.4	2171.8	2189.4	2206.9	2204.3
7.5°	2193.5	2188.7	2185.2	2188.0	2197.1	2199.4	2181.4	2163.5	2181.4	2199.4	2197.1
10°	2187.6	2181.9	2176.7	2178.3	2186.5	2188.8	2173.4	2157.9	2173.4	2188.8	2186.5
12.5°	2174.3	2167.6	2160.8	2161.1	2168.6	2170.5	2155.8	2141.2	2155.8	2170.5	2168.6
15°	2154.5	2146.3	2137.0	2134.4	2138.5	2138.3	2124.8	2111.4	2124.8	2138.3	2138.5
17.5°	2137.8	2126.6	2113.4	2107.0	2107.4	2103.6	2087.3	2071.0	2087.3	2103.6	2107.4
20°	2127.9	2113.0	2096.5	2087.2	2085.1	2078.6	2059.0	2039.4	2059.0	2078.6	2085.1
22.5°	2126.1	2103.1	2078.3	2064.0	2060.3	2051.8	2028.9	2006.0	2028.9	2051.8	2060.3
25°	2127.4	2093.6	2057.5	2032.2	2017.7	2001.2	1978.5	1955.8	1978.5	2001.2	2017.7
27.5°	2113.0	2077.2	2036.5	2001.0	1970.7	1942.3	1919.8	1897.3	1919.8	1942.3	1970.7
30°	2088.5	2051.8	2009.5	1970.2	1934.1	1901.6	1879.9	1858.2	1879.9	1901.6	1934.1
32.5°	2054.6	2015.9	1970.2	1928.1	1889.5	1854.9	1832.4	1809.9	1832.4	1854.9	1889.5
35°	1995.5	1957.3	1909.9	1862.9	1816.4	1776.2	1754.5	1732.8	1754.5	1776.2	1816.4
37.5°	1876.5	1856.4	1829.7	1790.4	1738.4	1693.2	1668.6	1644.1	1668.6	1693.2	1738.4
40°	1768.9	1768.4	1763.3	1735.9	1686.3	1641.2	1609.2	1577.2	1609.2	1641.2	1686.3
42.5°	1621.7	1652.0	1672.4	1665.3	1630.6	1594.3	1553.2	1512.1	1553.2	1594.3	1630.6
45°	1306.7	1395.2	1499.5	1544.9	1531.5	1509.3	1460.8	1412.3	1460.8	1509.3	1531.5
47.5°	1097.1	1189.3	1302.6	1371.4	1395.5	1401.7	1353.8	1305.9	1353.8	1401.7	1395.5
50°	980.5	1059.2	1155.2	1232.6	1291.5	1324.3	1278.8	1233.4	1278.8	1324.3	1291.5
52.5°	865.5	938.4	1022.0	1103.6	1183.1	1232.6	1192.1	1151.6	1192.1	1232.6	1183.1
55°	673.1	756.5	854.5	944.3	1025.9	1080.1	1052.2	1024.4	1052.2	1080.1	1025.9
57.5°	502.3	599.7	715.0	804.3	867.6	910.3	890.7	871.0	890.7	910.3	867.6
60°	415.0	505.6	619.2	704.3	761.1	799.8	784.3	768.8	784.3	799.8	761.1
62.5°	362.8	435.0	528.7	604.8	663.2	703.6	689.8	675.9	689.8	703.6	663.2
65°	311.0	354.6	412.4	471.8	532.7	575.0	561.6	548.2	561.6	575.0	532.7
67.5°	271.5	294.1	323.8	367.7	425.7	465.5	450.9	436.2	450.9	465.5	425.7
70°	243.4	256.3	272.8	308.4	363.1	400.3	384.8	369.3	384.8	400.3	363.1
72.5°	213.9	222.2	233.0	262.4	310.5	342.9	328.2	313.6	328.2	342.9	310.5
75°	171.6	175.8	180.9	201.1	236.2	259.6	248.3	236.9	248.3	259.6	236.2
77.5°	130.3	132.6	135.2	148.0	171.0	186.3	179.1	171.9	179.1	186.3	171.0
80°	104.3	105.3	106.3	114.6	130.1	140.9	137.8	134.7	137.8	140.9	130.1
82.5°	78.0	79.3	80.3	84.9	92.9	99.2	100.2	101.3	100.2	99.2	92.9
85°	34.1	37.9	42.1	45.2	47.2	49.3	51.4	53.4	51.4	49.3	47.2
87.5°	6.9	7.5	8.3	10.7	14.7	17.5	17.2	16.9	17.2	17.4	14.8
90°	6.8	6.4	6.4	6.1	5.2	3.9	2.3	1.0	2.3	3.5	5.8
92.5°	8.1	8.0	7.5	6.9	5.7	5.7	5.6	3.5	6.1	8.7	12.5
95°	7.4	7.4	8.7	11.0	16.1	16.4	11.0	10.0	14.2	20.0	25.1
97.5°	20.0	23.8	29.2	30.3	28.7	21.4	20.5	19.1	26.0	31.7	40.0
100°	37.0	41.9	45.7	38.0	30.0	29.6	27.7	27.1	34.5	39.9	48.0
102.5°	57.9	59.4	46.0	41.6	39.7	38.4	35.4	35.0	42.5	50.0	56.8
105°	62.8	56.4	56.7	56.7	55.4	52.8	47.3	47.0	55.4	64.1	72.5
107.5°	73.9	74.9	76.5	76.1	74.7	67.8	61.3	59.8	67.4	77.8	87.0
110°	88.6	89.5	90.2	89.5	87.3	78.6	70.9	68.6	75.4	86.3	96.3



TEST NUMBER: P1428032

CATALOG NUMBER: SQ2W-PP3-K-025U-125D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
112.5°	102.7	103.5	104.9	102.9	99.1	89.2	80.4	77.1	83.9	95.1	105.3
115°	125.3	125.3	125.6	124.6	116.9	106.6	95.0	90.2	96.0	106.3	117.6
117.5°	147.5	147.8	146.5	144.0	135.0	123.0	110.0	102.3	106.9	117.8	129.3
120°	161.4	162.0	160.7	156.9	148.2	134.6	119.8	110.8	114.3	125.0	136.6
122.5°	175.8	175.7	174.1	169.7	159.5	145.5	130.9	119.8	121.3	131.2	142.5
125°	195.8	195.5	194.2	189.1	178.4	163.9	146.9	133.3	131.4	139.8	151.4
127.5°	214.9	214.2	212.2	205.9	195.1	181.1	162.3	147.0	142.7	148.0	158.6
130°	228.0	227.1	223.5	216.8	206.1	192.9	173.9	156.5	150.4	153.6	163.0
132.5°	240.7	237.9	234.9	227.6	217.7	204.0	184.7	166.6	158.1	159.6	166.8
135°	256.7	254.1	250.3	243.2	233.8	220.3	201.0	181.3	169.7	168.5	172.6
137.5°	270.8	268.1	263.7	257.6	248.2	236.2	217.6	196.9	182.2	177.9	179.5
140°	279.6	276.3	272.5	266.4	258.0	245.4	227.4	207.4	191.0	184.9	183.9
142.5°	286.8	284.3	280.2	274.6	267.3	254.7	237.2	217.5	200.0	192.1	189.8
145°	297.6	295.7	291.2	286.0	279.9	267.3	251.2	231.6	214.2	203.9	199.0
147.5°	306.8	305.2	301.7	295.6	290.5	278.4	263.7	246.3	228.5	215.7	209.5
150°	312.4	311.1	307.6	301.8	296.6	285.4	271.2	255.1	238.0	224.5	216.4
152.5°	317.8	316.5	312.5	306.7	302.3	291.8	278.9	263.6	246.3	232.7	224.4
155°	325.0	323.4	319.5	314.0	310.2	300.5	288.6	275.1	260.2	246.1	236.7
157.5°	330.7	328.7	325.0	320.3	316.2	307.3	297.0	285.3	272.4	258.8	249.3
160°	334.0	331.7	327.9	323.7	319.8	311.5	302.1	291.5	279.6	267.3	257.0
162.5°	336.3	334.3	329.7	326.0	322.7	315.1	306.2	296.6	286.0	275.3	265.8
165°	338.8	336.6	331.7	328.8	326.0	319.5	311.8	304.0	295.0	286.3	278.6
167.5°	339.0	337.2	332.3	329.5	327.4	321.8	315.6	309.7	302.6	295.8	289.4
170°	338.5	336.9	332.1	329.5	327.9	323.4	317.9	312.7	307.3	301.5	296.3
172.5°	336.7	335.1	330.5	328.5	327.6	323.6	319.2	315.3	310.6	306.4	302.2
175°	332.1	330.8	326.9	325.6	326.0	323.4	320.2	317.9	315.0	312.4	310.2
177.5°	325.3	324.5	321.7	321.7	322.7	321.2	320.2	319.1	317.8	317.1	316.3
180°	318.9	318.9	318.9	318.9	318.9	318.9	318.9	318.9	318.9	318.9	318.9



TEST NUMBER: P1428032

CATALOG NUMBER: SQ2W-PP3-K-025U-125D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
0°	2197.4	2197.4	2197.4	2197.4	2197.4	2197.4	2197.4	2197.4	2197.4	2197.4	2197.4
2.5°	2196.3	2192.6	2194.3	2195.9	2197.6	2199.2	2197.6	2195.9	2194.3	2192.6	2196.3
5°	2195.0	2191.4	2193.5	2196.8	2204.1	2211.3	2204.1	2196.8	2193.5	2191.4	2195.0
7.5°	2188.0	2185.2	2188.7	2193.5	2202.4	2211.3	2202.4	2193.5	2188.7	2185.2	2188.0
10°	2178.3	2176.7	2181.9	2187.6	2194.8	2202.0	2194.8	2187.6	2181.9	2176.7	2178.3
12.5°	2161.1	2160.8	2167.6	2174.3	2180.7	2187.1	2180.7	2174.3	2167.6	2160.8	2161.1
15°	2134.4	2137.0	2146.3	2154.5	2159.7	2164.8	2159.7	2154.5	2146.3	2137.0	2134.4
17.5°	2107.0	2113.4	2126.6	2137.8	2143.2	2148.6	2143.2	2137.8	2126.6	2113.4	2107.0
20°	2087.2	2096.5	2113.0	2127.9	2138.3	2148.6	2138.3	2127.9	2113.0	2096.5	2087.2
22.5°	2064.0	2078.3	2103.1	2126.1	2143.8	2161.6	2143.8	2126.1	2103.1	2078.3	2064.0
25°	2032.2	2057.5	2093.6	2127.4	2154.3	2181.1	2154.3	2127.4	2093.6	2057.5	2032.2
27.5°	2001.0	2036.5	2077.2	2113.0	2134.3	2155.6	2134.3	2113.0	2077.2	2036.5	2001.0
30°	1970.2	2009.5	2051.8	2088.5	2108.1	2127.7	2108.1	2088.5	2051.8	2009.5	1970.2
32.5°	1928.1	1970.2	2015.9	2054.6	2072.6	2090.5	2072.6	2054.6	2015.9	1970.2	1928.1
35°	1862.9	1909.9	1957.3	1995.5	2005.9	2016.2	2005.9	1995.5	1957.3	1909.9	1862.9
37.5°	1790.4	1829.7	1856.4	1876.5	1877.1	1877.7	1877.1	1876.5	1856.4	1829.7	1790.4
40°	1735.9	1763.3	1768.4	1768.9	1755.5	1742.1	1755.5	1768.9	1768.4	1763.3	1735.9
42.5°	1665.3	1672.4	1652.0	1621.7	1562.1	1502.4	1562.1	1621.7	1652.0	1672.4	1665.3
45°	1544.9	1499.5	1395.2	1306.7	1265.4	1224.1	1265.4	1306.7	1395.2	1499.5	1544.9
47.5°	1371.4	1302.6	1189.3	1097.1	1068.6	1040.1	1068.6	1097.1	1189.3	1302.6	1371.4
50°	1232.6	1155.2	1059.2	980.5	953.6	926.8	953.6	980.5	1059.2	1155.2	1232.6
52.5°	1103.6	1022.0	938.4	865.5	824.6	783.7	824.6	865.5	938.4	1022.0	1103.6
55°	944.3	854.5	756.5	673.1	633.9	594.6	633.9	756.5	854.5	944.3	944.3
57.5°	804.3	715.0	599.7	502.3	458.4	414.4	458.4	502.3	599.7	715.0	804.3
60°	704.3	619.2	505.6	415.0	393.3	371.6	393.3	415.0	505.6	619.2	704.3
62.5°	604.8	528.7	435.0	362.8	355.1	347.5	355.1	435.0	528.7	604.8	604.8
65°	471.8	412.4	354.6	311.0	310.0	308.9	310.0	311.0	354.6	412.4	471.8
67.5°	367.7	323.8	294.1	271.5	270.2	269.0	270.2	271.5	294.1	323.8	367.7
70°	308.4	272.8	256.3	243.4	241.3	239.2	241.3	243.4	256.3	272.8	308.4
72.5°	262.4	233.0	222.2	213.9	212.6	211.4	212.6	213.9	222.2	233.0	262.4
75°	201.1	180.9	175.8	171.6	170.6	169.6	170.6	171.6	175.8	180.9	201.1
77.5°	148.0	135.2	132.6	130.3	129.3	128.2	129.3	130.3	132.6	135.2	148.0
80°	114.6	106.3	105.3	104.3	103.2	102.2	103.2	104.3	105.3	106.3	114.6
82.5°	84.9	80.3	79.3	78.0	76.2	74.3	76.2	78.0	79.3	80.3	84.9
85°	45.2	42.1	37.9	34.1	31.0	27.9	31.0	34.1	37.9	42.1	45.2
87.5°	11.0	9.0	8.6	8.2	8.5	8.3	8.5	8.2	8.6	9.0	11.0
90°	7.4	9.7	11.9	13.2	14.5	13.8	14.5	13.2	11.9	9.7	7.4
92.5°	14.9	18.7	21.5	23.8	24.8	24.7	24.8	23.8	21.5	18.7	14.9
95°	30.0	34.5	39.0	42.2	44.1	43.5	44.1	42.2	39.0	34.5	30.0
97.5°	46.2	52.2	57.3	60.3	62.2	63.5	62.2	60.3	57.3	52.2	46.2
100°	57.0	62.8	68.6	72.1	75.4	76.7	75.4	72.1	68.6	62.8	57.0
102.5°	65.8	73.4	79.7	83.5	86.2	87.5	86.2	83.5	79.7	73.4	65.8
105°	80.2	88.3	95.0	99.8	102.7	103.7	102.7	99.8	95.0	88.3	80.2
107.5°	94.6	102.9	109.2	114.5	118.1	120.1	118.1	114.5	109.2	102.9	94.6
110°	106.0	112.7	119.5	124.3	127.9	129.2	127.9	124.3	119.5	112.7	106.0



TEST NUMBER: P1428032

CATALOG NUMBER: SQ2W-PP3-K-025U-125D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
112.5°	115.5	123.0	129.8	134.6	138.7	140.5	138.7	134.6	129.8	123.0	115.5
115°	128.8	138.8	144.9	149.4	152.3	154.0	152.3	149.4	144.9	138.8	128.8
117.5°	139.9	150.3	157.0	160.5	161.9	163.0	161.9	160.5	157.0	150.3	139.9
120°	146.9	156.5	164.3	168.8	170.4	171.0	170.4	168.8	164.3	156.5	146.9
122.5°	153.3	162.5	169.9	175.5	178.1	178.8	178.1	175.5	169.9	162.5	153.3
125°	162.3	171.0	178.8	184.2	187.1	188.7	187.1	184.2	178.8	171.0	162.3
127.5°	170.2	179.6	186.7	191.6	194.5	195.8	194.5	191.6	186.7	179.6	170.2
130°	174.6	184.2	191.3	196.8	199.4	200.7	199.4	196.8	191.3	184.2	174.6
132.5°	177.9	188.1	195.4	200.4	203.2	204.5	203.2	200.4	195.4	188.1	177.9
135°	182.0	192.6	200.3	205.2	207.7	209.0	207.7	205.2	200.3	192.6	182.0
137.5°	185.5	195.2	203.2	208.3	210.6	211.5	210.6	208.3	203.2	195.2	185.5
140°	188.1	196.5	204.5	209.4	211.9	212.3	211.9	209.4	204.5	196.5	188.1
142.5°	191.4	198.0	205.0	209.9	212.4	213.0	212.4	209.9	205.0	198.0	191.4
145°	197.4	201.3	206.1	210.6	212.9	213.5	212.9	210.6	206.1	201.3	197.4
147.5°	205.0	206.2	208.7	211.7	213.9	214.3	213.9	211.7	208.7	206.2	205.0
150°	210.6	210.3	211.3	213.2	215.2	214.8	215.2	213.2	211.3	210.3	210.6
152.5°	217.1	215.2	215.2	216.1	217.0	216.9	217.0	216.1	215.2	215.2	217.1
155°	228.0	224.5	222.6	221.9	221.9	221.6	221.9	221.9	222.6	224.5	228.0
157.5°	240.1	235.1	232.2	230.7	230.2	229.5	230.2	230.7	232.2	235.1	240.1
160°	248.3	242.9	240.0	237.4	236.4	235.4	236.4	237.4	240.0	242.9	248.3
162.5°	256.1	250.8	247.7	245.4	244.4	242.9	244.4	245.4	247.7	250.8	256.1
165°	268.6	263.1	259.6	257.7	256.4	255.1	256.4	257.7	259.6	263.1	268.6
167.5°	281.2	275.2	272.9	270.7	269.5	267.1	269.5	270.7	272.9	275.2	281.2
170°	288.9	283.4	282.1	280.2	278.0	275.4	278.0	280.2	282.1	283.4	288.9
172.5°	295.6	291.9	290.6	288.7	288.0	285.9	288.0	288.7	290.6	291.9	295.6
175°	305.3	302.4	302.4	302.1	301.1	299.2	301.1	302.1	302.4	302.4	305.3
177.5°	313.5	311.9	312.9	312.9	312.7	310.9	312.7	312.9	312.9	311.9	313.5
180°	318.9	318.9	318.9	318.9	318.9	318.9	318.9	318.9	318.9	318.9	318.9



TEST NUMBER: P1428032

CATALOG NUMBER: SQ2W-PP3-K-025U-125D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
0°	2197.4	2197.4	2197.4	2197.4
2.5°	2205.4	2208.7	2194.7	2180.6
5°	2204.3	2206.9	2189.4	2171.8
7.5°	2197.1	2199.4	2181.4	2163.5
10°	2186.5	2188.8	2173.4	2157.9
12.5°	2168.6	2170.5	2155.8	2141.2
15°	2138.5	2138.3	2124.8	2111.4
17.5°	2107.4	2103.6	2087.3	2071.0
20°	2085.1	2078.6	2059.0	2039.4
22.5°	2060.3	2051.8	2028.9	2006.0
25°	2017.7	2001.2	1978.5	1955.8
27.5°	1970.7	1942.3	1919.8	1897.3
30°	1934.1	1901.6	1879.9	1858.2
32.5°	1889.5	1854.9	1832.4	1809.9
35°	1816.4	1776.2	1754.5	1732.8
37.5°	1738.4	1693.2	1668.6	1644.1
40°	1686.3	1641.2	1609.2	1577.2
42.5°	1630.6	1594.3	1553.2	1512.1
45°	1531.5	1509.3	1460.8	1412.3
47.5°	1395.5	1401.7	1353.8	1305.9
50°	1291.5	1324.3	1278.8	1233.4
52.5°	1183.1	1232.6	1192.1	1151.6
55°	1025.9	1080.1	1052.2	1024.4
57.5°	867.6	910.3	890.7	871.0
60°	761.1	799.8	784.3	768.8
62.5°	663.2	703.6	689.8	675.9
65°	532.7	575.0	561.6	548.2
67.5°	425.7	465.5	450.9	436.2
70°	363.1	400.3	384.8	369.3
72.5°	310.5	342.9	328.2	313.6
75°	236.2	259.6	248.3	236.9
77.5°	171.0	186.3	179.1	171.9
80°	130.1	140.9	137.8	134.7
82.5°	92.9	99.2	100.2	101.3
85°	47.2	49.3	51.4	53.4
87.5°	14.8	17.4	17.2	16.9
90°	5.8	3.5	2.3	1.0
92.5°	12.5	8.7	6.1	3.5
95°	25.1	20.0	14.2	10.0
97.5°	40.0	31.7	26.0	19.1
100°	48.0	39.9	34.5	27.1
102.5°	56.8	50.0	42.5	35.0
105°	72.5	64.1	55.4	47.0
107.5°	87.0	77.8	67.4	59.8
110°	96.3	86.3	75.4	68.6



TEST NUMBER: P1428032

CATALOG NUMBER: SQ2W-PP3-K-025U-125D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
112.5°	105.3	95.1	83.9	77.1
115°	117.6	106.3	96.0	90.2
117.5°	129.3	117.8	106.9	102.3
120°	136.6	125.0	114.3	110.8
122.5°	142.5	131.2	121.3	119.8
125°	151.4	139.8	131.4	133.3
127.5°	158.6	148.0	142.7	147.0
130°	163.0	153.6	150.4	156.5
132.5°	166.8	159.6	158.1	166.6
135°	172.6	168.5	169.7	181.3
137.5°	179.5	177.9	182.2	196.9
140°	183.9	184.9	191.0	207.4
142.5°	189.8	192.1	200.0	217.5
145°	199.0	203.9	214.2	231.6
147.5°	209.5	215.7	228.5	246.3
150°	216.4	224.5	238.0	255.1
152.5°	224.4	232.7	246.3	263.6
155°	236.7	246.1	260.2	275.1
157.5°	249.3	258.8	272.4	285.3
160°	257.0	267.3	279.6	291.5
162.5°	265.8	275.3	286.0	296.6
165°	278.6	286.3	295.0	304.0
167.5°	289.4	295.8	302.6	309.7
170°	296.3	301.5	307.3	312.7
172.5°	302.2	306.4	310.6	315.3
175°	310.2	312.4	315.0	317.9
177.5°	316.3	317.1	317.8	319.1
180°	318.9	318.9	318.9	318.9



TEST NUMBER: P1428032
 CATALOG NUMBER: SQ2W-PP3-K-025U-125D-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	22.72	23.96	23.30	24.54	25.19	18.49	19.73	19.07	20.31	20.96
	3H	23.81	24.92	24.40	25.51	26.20	19.83	20.94	20.42	21.53	22.22
	4H	24.19	25.23	24.81	25.84	26.55	20.40	21.44	21.02	22.05	22.76
	6H	24.41	25.37	25.04	25.99	26.71	20.78	21.74	21.42	22.36	23.08
	8H	24.48	25.39	25.12	26.03	26.76	20.92	21.84	21.57	22.48	23.20
	12H	24.51	25.38	25.16	26.02	26.77	20.97	21.84	21.62	22.48	23.23
4H	2H	22.88	23.92	23.50	24.53	25.24	19.44	20.49	20.06	21.09	21.80
	3H	24.21	25.07	24.84	25.72	26.45	20.90	21.76	21.54	22.41	23.14
	4H	24.74	25.51	25.39	26.17	26.92	21.54	22.31	22.19	22.97	23.73
	6H	25.07	25.74	25.74	26.42	27.19	22.01	22.68	22.68	23.36	24.13
	8H	25.19	25.81	25.86	26.49	27.27	22.18	22.81	22.86	23.49	24.27
	12H	25.25	25.81	25.94	26.51	27.30	22.25	22.81	22.94	23.51	24.30
8H	4H	24.78	25.41	25.46	26.09	26.87	21.87	22.50	22.55	23.18	23.96
	6H	25.21	25.73	25.91	26.45	27.23	22.45	22.97	23.15	23.69	24.47
	8H	25.39	25.85	26.11	26.58	27.38	22.70	23.16	23.42	23.89	24.68
	12H	25.50	25.91	26.22	26.62	27.49	22.81	23.22	23.53	23.94	24.80
12H	4H	24.76	25.32	25.45	26.02	26.81	21.90	22.47	22.60	23.17	23.95
	6H	25.20	25.66	25.92	26.39	27.19	22.51	22.98	23.23	23.70	24.50
	8H	25.41	25.82	26.13	26.54	27.40	22.80	23.21	23.52	23.93	24.79