

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: P1435964

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

Issue Date: 3/24/2026

Test Information

Test Method: LM-79-2019
Report Number: P1435964
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2303-941-3, G2-2308-131-12)
Test Lab: INNOVATION CENTER
Issue Date: 3/24/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ2W-FB-K-075U-075D-L930-UNV-STD-W-WM-4
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE
DOWNLIGHT - FROSTED CONTINUOUS BATWING ROLL LENS
UPLIGHT - ASYMMETRIC ROLL LENS
DOWNLIGHT 750 LUMENS PER FOOT
UPLIGHT 750 LUMENS PER FOOT
Light Source: 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

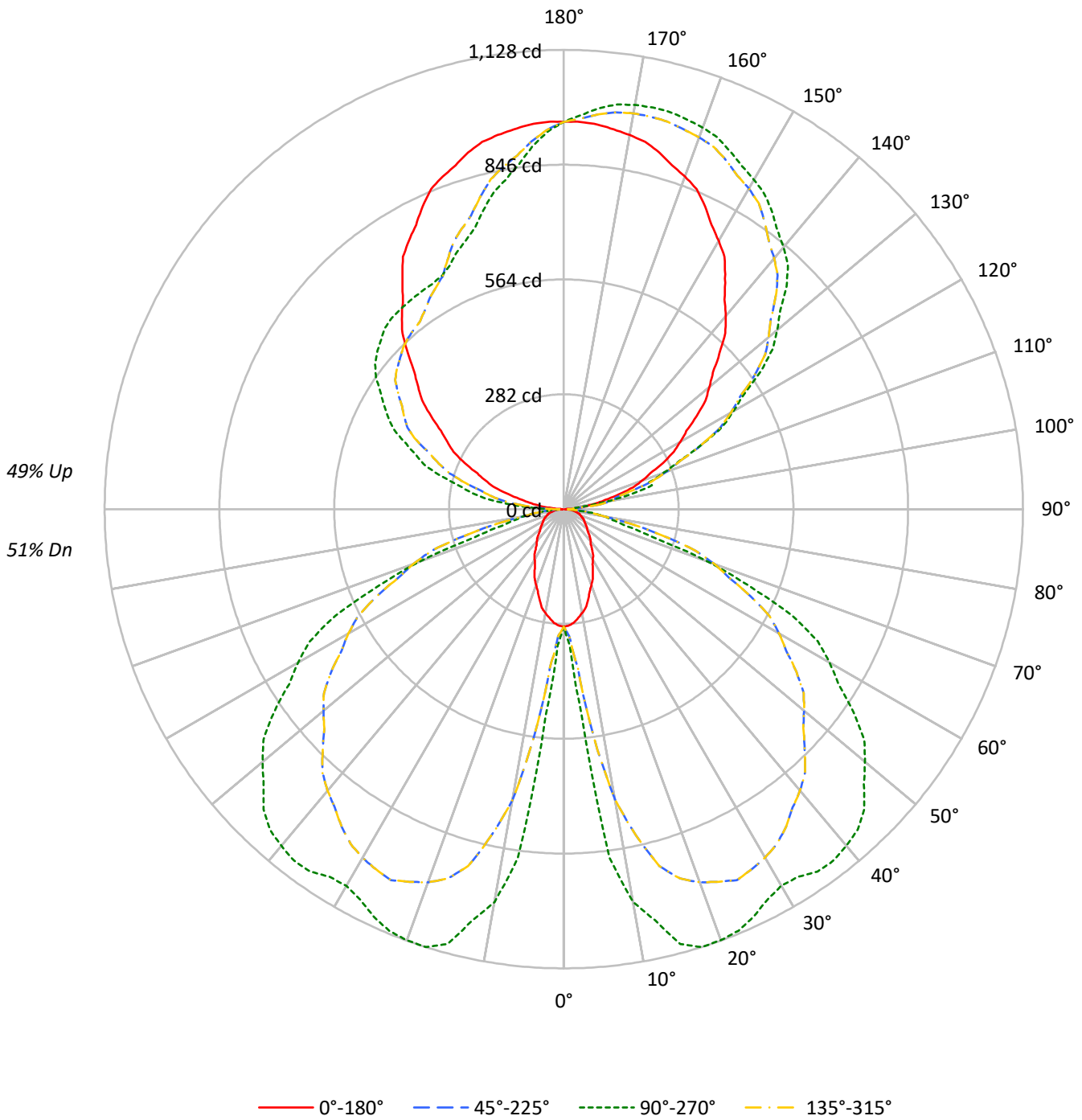
Lumens per Lamp: N/A
Luminaire Lumens: 5631.6 lumens
Efficiency: N/A
Efficacy: 112.0 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 2.98 / 2.52
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 50.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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

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	99	99	99	99	84	84	84	70	70	70	57	57	57	51				
1	98	93	89	86	90	86	83	80	73	71	68	61	59	58	50	49	48	42				
2	89	81	75	69	82	75	70	65	64	60	56	53	50	48	43	41	39	35				
3	81	71	63	57	74	66	59	54	56	51	46	46	43	40	38	35	33	29				
4	73	62	54	48	67	58	50	45	49	44	39	41	37	33	34	30	28	24				
5	67	55	47	41	62	51	44	38	44	38	33	36	32	29	30	27	24	21				
6	62	49	41	35	57	46	38	33	39	33	29	33	28	25	27	23	21	18				
7	57	44	36	30	52	41	34	28	35	29	25	30	25	22	24	21	18	15				
8	53	40	32	26	48	37	30	25	32	26	22	27	22	19	22	19	16	14				
9	49	36	29	23	45	34	27	22	29	23	19	24	20	17	20	17	14	12				
10	45	33	26	21	42	31	24	20	27	21	17	22	18	15	19	15	13	11				

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	4660	4660	4660	4660
5°	4543	8253	4543	8253
10°	4254	16060	4254	16060
15°	3849	18484	3849	18484
20°	3409	19357	3409	19357
25°	3016	19674	3016	19674
30°	2664	19918	2664	19918
35°	2379	21413	2379	21413
40°	2165	22752	2165	22752
45°	1996	23824	1996	23824
50°	1881	24256	1881	24256
55°	1835	24450	1835	24450
60°	1883	24328	1883	24328
65°	1960	23640	1960	23640
70°	2030	17882	2030	17882
75°	2252	9869	2252	9869
80°	2324	9158	2324	9158
85°	2316	3853	2316	3853

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 52.5°
 Luminance: 24671 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.4	0.9
10°-20°	220.6	3.9
20°-30°	388.2	6.9
30°-40°	502.5	8.9
40°-50°	554.2	9.8
50°-60°	517.3	9.2
60°-70°	399.6	7.1
70°-80°	184.2	3.3
80°-90°	39.2	0.7
90°-100°	75.7	1.3
100°-110°	220.8	3.9
110°-120°	360.3	6.4
120°-130°	457.2	8.1
130°-140°	489.2	8.7
140°-150°	456.8	8.1
150°-160°	375.9	6.7
160°-170°	252.1	4.5
170°-180°	89.5	1.6
0°-30°	657.2	11.7
0°-40°	1159.7	20.6
0°-60°	2231.2	39.6
0°-90°	2854.2	50.7
90°-120°	656.7	11.7
90°-150°	2059.9	36.6
90°-180°	2777.0	49.3
0°-180°	5631.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	289	289	289	289	289	
5°	280	509	280	509	280	26
15°	230	1106	230	1106	230	64
25°	169	1104	169	1104	169	78
35°	121	1086	121	1086	121	76
45°	87	1043	87	1043	87	68
55°	65	869	65	869	65	59
65°	51	619	51	619	51	50
75°	36	158	36	158	36	37
85°	12	21	12	21	12	13
90°	3	21	3	41	3	3
95°	30	22	30	130	30	36
105°	140	225	140	309	140	149
115°	269	373	269	459	269	265
125°	398	591	398	563	398	356
135°	541	773	541	624	541	418
145°	691	892	691	637	691	432
155°	820	968	820	661	820	377
165°	907	1010	907	761	907	255
175°	948	989	948	893	948	90
180°	951	951	951	951	951	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
0°	288.6	288.6	288.6	288.6	288.6	288.6	288.6	288.6	288.6	288.6	288.6
2.5°	286.4	291.8	297.2	303.0	308.9	315.4	322.3	328.2	331.1	334.1	331.1
5°	280.3	298.8	317.3	344.1	373.7	407.3	444.9	477.1	493.2	509.2	493.2
7.5°	269.4	307.1	344.7	424.4	518.1	615.4	716.3	800.0	832.0	864.1	832.0
10°	259.5	311.9	364.3	499.5	662.3	787.5	875.0	945.0	962.3	979.6	962.3
12.5°	248.4	319.5	390.7	557.6	756.4	886.5	947.9	998.4	1016.2	1033.9	1016.2
15°	230.3	332.1	433.8	622.5	840.2	974.0	1024.0	1066.3	1086.1	1105.8	1086.1
17.5°	211.7	347.1	482.6	675.1	886.6	1017.0	1066.5	1106.3	1117.0	1127.7	1117.0
20°	198.4	357.5	516.6	709.5	913.6	1036.9	1079.5	1113.1	1119.8	1126.6	1119.8
22.5°	186.2	364.0	541.9	735.0	933.2	1048.4	1080.6	1106.5	1113.8	1121.1	1113.8
25°	169.3	369.7	570.1	762.6	952.6	1057.7	1078.1	1094.6	1099.5	1104.4	1099.5
27.5°	152.9	364.7	576.4	766.5	949.4	1047.5	1060.9	1072.1	1076.9	1081.7	1076.9
30°	142.9	358.1	573.3	761.7	941.2	1035.8	1045.7	1054.8	1061.6	1068.4	1061.6
32.5°	134.0	350.2	566.4	752.5	928.5	1021.1	1030.5	1041.2	1055.9	1070.6	1055.9
35°	120.7	333.5	546.2	730.3	904.8	999.4	1014.2	1032.1	1059.3	1086.4	1059.3
37.5°	109.3	312.0	514.6	696.8	872.2	975.3	1006.3	1036.0	1062.2	1088.3	1062.2
40°	102.7	296.9	491.2	672.0	848.4	957.2	998.5	1035.1	1057.3	1079.5	1057.3
42.5°	96.0	279.9	463.8	643.1	821.0	934.0	982.2	1024.0	1046.2	1068.4	1046.2
45°	87.4	252.7	417.9	595.7	777.6	896.9	953.7	1001.4	1022.4	1043.4	1022.4
47.5°	79.4	222.9	366.5	545.0	735.2	860.4	920.5	969.5	984.8	1000.1	984.8
50°	74.9	203.2	331.5	510.6	706.7	834.3	893.5	941.0	953.3	965.7	953.3
52.5°	70.5	183.9	297.4	476.9	678.4	807.1	862.8	907.5	918.8	930.2	918.8
55°	65.2	157.7	250.2	427.8	633.8	761.1	809.8	848.8	858.7	868.6	858.7
57.5°	60.5	135.1	209.7	381.7	586.2	709.2	750.8	784.0	792.0	800.0	792.0
60°	58.3	123.0	187.8	352.9	551.4	669.5	707.1	737.4	745.4	753.4	745.4
62.5°	54.9	111.3	167.7	324.0	513.7	625.9	660.5	688.4	695.9	703.4	695.9
65°	51.3	97.0	142.6	283.5	456.2	557.0	586.0	608.9	613.9	618.8	613.9
67.5°	46.3	85.1	123.8	246.4	397.0	481.3	499.3	510.5	501.2	492.0	501.2
70°	43.0	78.8	114.5	223.8	357.7	427.6	433.8	431.8	405.3	378.8	405.3
72.5°	40.8	72.6	104.4	199.1	314.6	365.6	352.0	329.3	279.1	228.9	279.1
75°	36.1	62.0	87.9	159.1	245.4	259.0	199.8	155.7	156.9	158.2	156.9
77.5°	29.4	48.8	68.1	111.9	163.8	174.1	142.8	119.6	120.7	121.8	120.7
80°	25.0	40.4	55.8	73.1	91.0	99.3	98.0	97.3	97.9	98.5	97.9
82.5°	20.5	32.0	43.5	53.8	63.8	69.4	70.7	71.4	70.5	69.7	70.5
85°	12.5	19.3	26.1	30.1	33.1	32.2	27.3	23.3	22.0	20.8	22.0
87.5°	5.0	8.3	11.7	11.6	10.2	9.4	9.4	9.6	9.8	9.8	9.8
90°	2.9	6.7	11.5	15.4	18.3	19.2	19.2	20.2	21.1	21.1	21.1
92.5°	10.6	16.7	16.9	16.9	20.6	22.3	23.8	24.0	25.0	25.0	25.0
95°	29.8	32.7	49.0	48.0	32.7	25.9	22.1	22.1	22.1	22.1	22.1
97.5°	56.9	61.1	63.8	85.5	90.3	87.2	71.1	59.8	53.4	50.5	53.4
100°	80.7	82.6	88.4	89.4	113.4	136.4	124.9	110.5	105.7	102.8	105.7
102.5°	104.5	105.7	114.5	118.6	124.1	137.2	177.2	172.8	169.5	168.9	169.5
105°	140.3	141.2	157.6	165.3	169.1	169.1	168.1	187.4	218.1	224.8	218.1
107.5°	178.5	182.9	202.2	222.7	227.1	228.3	223.3	220.4	219.3	220.0	219.3
110°	204.7	211.4	234.4	260.4	267.1	269.0	267.1	264.2	262.3	262.3	262.3



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CANDELA DISTRIBUTION (continued):

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



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CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
0°	288.6	288.6	288.6	288.6	288.6	288.6	288.6	288.6	288.6	288.6	288.6
2.5°	328.2	322.3	315.4	308.9	303.0	297.2	291.8	286.4	291.8	297.2	303.0
5°	477.1	444.9	407.3	373.7	344.1	317.3	298.8	280.3	298.8	317.3	344.1
7.5°	800.0	716.3	615.4	518.1	424.4	344.7	307.1	269.4	307.1	344.7	424.4
10°	945.0	875.0	787.5	662.3	499.5	364.3	311.9	259.5	311.9	364.3	499.5
12.5°	998.4	947.9	886.5	756.4	557.6	390.7	319.5	248.4	319.5	390.7	557.6
15°	1066.3	1024.0	974.0	840.2	622.5	433.8	332.1	230.3	332.1	433.8	622.5
17.5°	1106.3	1066.5	1017.0	886.6	675.1	482.6	347.1	211.7	347.1	482.6	675.1
20°	1113.1	1079.5	1036.9	913.6	709.5	516.6	357.5	198.4	357.5	516.6	709.5
22.5°	1106.5	1080.6	1048.4	933.2	735.0	541.9	364.0	186.2	364.0	541.9	735.0
25°	1094.6	1078.1	1057.7	952.6	762.6	570.1	369.7	169.3	369.7	570.1	762.6
27.5°	1072.1	1060.9	1047.5	949.4	766.5	576.4	364.7	152.9	364.7	576.4	766.5
30°	1054.8	1045.7	1035.8	941.2	761.7	573.3	358.1	142.9	358.1	573.3	761.7
32.5°	1041.2	1030.5	1021.1	928.5	752.5	566.4	350.2	134.0	350.2	566.4	752.5
35°	1032.1	1014.2	999.4	904.8	730.3	546.2	333.5	120.7	333.5	546.2	730.3
37.5°	1036.0	1006.3	975.3	872.2	696.8	514.6	312.0	109.3	312.0	514.6	696.8
40°	1035.1	998.5	957.2	848.4	672.0	491.2	296.9	102.7	296.9	491.2	672.0
42.5°	1024.0	982.2	934.0	821.0	643.1	463.8	279.9	96.0	279.9	463.8	643.1
45°	1001.4	953.7	896.9	777.6	595.7	417.9	252.7	87.4	252.7	417.9	595.7
47.5°	969.5	920.5	860.4	735.2	545.0	366.5	222.9	79.4	222.9	366.5	545.0
50°	941.0	893.5	834.3	706.7	510.6	331.5	203.2	74.9	203.2	331.5	510.6
52.5°	907.5	862.8	807.1	678.4	476.9	297.4	183.9	70.5	183.9	297.4	476.9
55°	848.8	809.8	761.1	633.8	427.8	250.2	157.7	65.2	157.7	250.2	427.8
57.5°	784.0	750.8	709.2	586.2	381.7	209.7	135.1	60.5	135.1	209.7	381.7
60°	737.4	707.1	669.5	551.4	352.9	187.8	123.0	58.3	123.0	187.8	352.9
62.5°	688.4	660.5	625.9	513.7	324.0	167.7	111.3	54.9	111.3	167.7	324.0
65°	608.9	586.0	557.0	456.2	283.5	142.6	97.0	51.3	97.0	142.6	283.5
67.5°	510.5	499.3	481.3	397.0	246.4	123.8	85.1	46.3	85.1	123.8	246.4
70°	431.8	433.8	427.6	357.7	223.8	114.5	78.8	43.0	78.8	114.5	223.8
72.5°	329.3	352.0	365.6	314.6	199.1	104.4	72.6	40.8	72.6	104.4	199.1
75°	155.7	199.8	259.0	245.4	159.1	87.9	62.0	36.1	62.0	87.9	159.1
77.5°	119.6	142.8	174.1	163.8	111.9	68.1	48.8	29.4	48.8	68.1	111.9
80°	97.3	98.0	99.3	91.0	73.1	55.8	40.4	25.0	40.4	55.8	73.1
82.5°	71.4	70.7	69.4	63.8	53.8	43.5	32.0	20.5	32.0	43.5	53.8
85°	23.3	27.3	32.2	33.1	30.1	26.1	19.3	12.5	19.3	26.1	30.1
87.5°	9.6	9.4	9.4	10.2	11.6	11.7	8.3	5.0	8.3	11.5	12.0
90°	20.2	19.2	19.2	18.3	15.4	11.5	6.7	2.9	6.7	10.6	17.3
92.5°	24.0	23.8	22.3	20.6	16.9	16.9	16.7	10.6	18.3	25.9	37.3
95°	22.1	22.1	25.9	32.7	48.0	49.0	32.7	29.8	42.3	59.6	74.9
97.5°	59.8	71.1	87.2	90.3	85.5	63.8	61.1	56.9	77.4	94.5	119.3
100°	110.5	124.9	136.4	113.4	89.4	88.4	82.6	80.7	102.8	119.1	143.2
102.5°	172.8	177.2	137.2	124.1	118.6	114.5	105.7	104.5	126.6	149.1	169.3
105°	187.4	168.1	169.1	169.1	165.3	157.6	141.2	140.3	165.3	191.2	216.2
107.5°	220.4	223.3	228.3	227.1	222.7	202.2	182.9	178.5	201.0	232.1	259.6
110°	264.2	267.1	269.0	267.1	260.4	234.4	211.4	204.7	224.8	257.5	287.3



TEST NUMBER: P1435964

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

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P1435964

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

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
0°	288.6	288.6	288.6	288.6	288.6	288.6	288.6	288.6	288.6	288.6	288.6
2.5°	308.9	315.4	322.3	328.2	331.1	334.1	331.1	328.2	322.3	315.4	308.9
5°	373.7	407.3	444.9	477.1	493.2	509.2	493.2	477.1	444.9	407.3	373.7
7.5°	518.1	615.4	716.3	800.0	832.0	864.1	832.0	800.0	716.3	615.4	518.1
10°	662.3	787.5	875.0	945.0	962.3	979.6	962.3	945.0	875.0	787.5	662.3
12.5°	756.4	886.5	947.9	998.4	1016.2	1033.9	1016.2	998.4	947.9	886.5	756.4
15°	840.2	974.0	1024.0	1066.3	1086.1	1105.8	1086.1	1066.3	1024.0	974.0	840.2
17.5°	886.6	1017.0	1066.5	1106.3	1117.0	1127.7	1117.0	1106.3	1066.5	1017.0	886.6
20°	913.6	1036.9	1079.5	1113.1	1119.8	1126.6	1119.8	1113.1	1079.5	1036.9	913.6
22.5°	933.2	1048.4	1080.6	1106.5	1113.8	1121.1	1113.8	1106.5	1080.6	1048.4	933.2
25°	952.6	1057.7	1078.1	1094.6	1099.5	1104.4	1099.5	1094.6	1078.1	1057.7	952.6
27.5°	949.4	1047.5	1060.9	1072.1	1076.9	1081.7	1076.9	1072.1	1060.9	1047.5	949.4
30°	941.2	1035.8	1045.7	1054.8	1061.6	1068.4	1061.6	1054.8	1045.7	1035.8	941.2
32.5°	928.5	1021.1	1030.5	1041.2	1055.9	1070.6	1055.9	1041.2	1030.5	1021.1	928.5
35°	904.8	999.4	1014.2	1032.1	1059.3	1086.4	1059.3	1032.1	1014.2	999.4	904.8
37.5°	872.2	975.3	1006.3	1036.0	1062.2	1088.3	1062.2	1036.0	1006.3	975.3	872.2
40°	848.4	957.2	998.5	1035.1	1057.3	1079.5	1057.3	1035.1	998.5	957.2	848.4
42.5°	821.0	934.0	982.2	1024.0	1046.2	1068.4	1046.2	1024.0	982.2	934.0	821.0
45°	777.6	896.9	953.7	1001.4	1022.4	1043.4	1022.4	1001.4	953.7	896.9	777.6
47.5°	735.2	860.4	920.5	969.5	984.8	1000.1	984.8	969.5	920.5	860.4	735.2
50°	706.7	834.3	893.5	941.0	953.3	965.7	953.3	941.0	893.5	834.3	706.7
52.5°	678.4	807.1	862.8	907.5	918.8	930.2	918.8	907.5	862.8	807.1	678.4
55°	633.8	761.1	809.8	848.8	858.7	868.6	858.7	848.8	809.8	761.1	633.8
57.5°	586.2	709.2	750.8	784.0	792.0	800.0	792.0	784.0	750.8	709.2	586.2
60°	551.4	669.5	707.1	737.4	745.4	753.4	745.4	737.4	707.1	669.5	551.4
62.5°	513.7	625.9	660.5	688.4	695.9	703.4	695.9	688.4	660.5	625.9	513.7
65°	456.2	557.0	586.0	608.9	613.9	618.8	613.9	608.9	586.0	557.0	456.2
67.5°	397.0	481.3	499.3	510.5	501.2	492.0	501.2	510.5	499.3	481.3	397.0
70°	357.7	427.6	433.8	431.8	405.3	378.8	405.3	431.8	433.8	427.6	357.7
72.5°	314.6	365.6	352.0	329.3	279.1	228.9	279.1	329.3	352.0	365.6	314.6
75°	245.4	259.0	199.8	155.7	156.9	158.2	156.9	155.7	199.8	259.0	245.4
77.5°	163.8	174.1	142.8	119.6	120.7	121.8	120.7	119.6	142.8	174.1	163.8
80°	91.0	99.3	98.0	97.3	97.9	98.5	97.9	97.3	98.0	99.3	91.0
82.5°	63.8	69.4	70.7	71.4	70.5	69.7	70.5	71.4	70.7	69.4	63.8
85°	33.1	32.2	27.3	23.3	22.0	20.8	22.0	23.3	27.3	32.2	33.1
87.5°	11.0	11.3	12.7	13.4	14.2	13.8	14.2	13.4	12.7	11.3	11.0
90°	22.1	28.8	35.5	39.4	43.2	41.3	43.2	39.4	35.5	28.8	22.1
92.5°	44.4	55.7	64.0	70.9	74.0	73.6	74.0	70.9	64.0	55.7	44.4
95°	89.4	102.8	116.3	125.9	131.6	129.7	131.6	125.9	116.3	102.8	89.4
97.5°	137.8	155.8	170.8	179.9	185.6	189.5	185.6	179.9	170.8	155.8	137.8
100°	170.1	187.4	204.7	215.2	224.8	228.7	224.8	215.2	204.7	187.4	170.1
102.5°	196.2	218.9	237.7	249.0	257.1	261.0	257.1	249.0	237.7	218.9	196.2
105°	239.2	263.3	283.4	297.8	306.5	309.4	306.5	297.8	283.4	263.3	239.2
107.5°	282.3	307.1	325.7	341.7	352.2	358.4	352.2	341.7	325.7	307.1	282.3
110°	316.1	336.3	356.5	370.9	381.4	385.3	381.4	370.9	356.5	336.3	316.1



TEST NUMBER: P1435964

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

CANDELA DISTRIBUTION (continued):

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

TEST NUMBER: P1435964

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

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
0°	288.6	288.6	288.6	288.6
2.5°	303.0	297.2	291.8	286.4
5°	344.1	317.3	298.8	280.3
7.5°	424.4	344.7	307.1	269.4
10°	499.5	364.3	311.9	259.5
12.5°	557.6	390.7	319.5	248.4
15°	622.5	433.8	332.1	230.3
17.5°	675.1	482.6	347.1	211.7
20°	709.5	516.6	357.5	198.4
22.5°	735.0	541.9	364.0	186.2
25°	762.6	570.1	369.7	169.3
27.5°	766.5	576.4	364.7	152.9
30°	761.7	573.3	358.1	142.9
32.5°	752.5	566.4	350.2	134.0
35°	730.3	546.2	333.5	120.7
37.5°	696.8	514.6	312.0	109.3
40°	672.0	491.2	296.9	102.7
42.5°	643.1	463.8	279.9	96.0
45°	595.7	417.9	252.7	87.4
47.5°	545.0	366.5	222.9	79.4
50°	510.6	331.5	203.2	74.9
52.5°	476.9	297.4	183.9	70.5
55°	427.8	250.2	157.7	65.2
57.5°	381.7	209.7	135.1	60.5
60°	352.9	187.8	123.0	58.3
62.5°	324.0	167.7	111.3	54.9
65°	283.5	142.6	97.0	51.3
67.5°	246.4	123.8	85.1	46.3
70°	223.8	114.5	78.8	43.0
72.5°	199.1	104.4	72.6	40.8
75°	159.1	87.9	62.0	36.1
77.5°	111.9	68.1	48.8	29.4
80°	73.1	55.8	40.4	25.0
82.5°	53.8	43.5	32.0	20.5
85°	30.1	26.1	19.3	12.5
87.5°	12.0	11.5	8.3	5.0
90°	17.3	10.6	6.7	2.9
92.5°	37.3	25.9	18.3	10.6
95°	74.9	59.6	42.3	29.8
97.5°	119.3	94.5	77.4	56.9
100°	143.2	119.1	102.8	80.7
102.5°	169.3	149.1	126.6	104.5
105°	216.2	191.2	165.3	140.3
107.5°	259.6	232.1	201.0	178.5
110°	287.3	257.5	224.8	204.7

TEST NUMBER: P1435964

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

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P1435964
 CATALOG NUMBER: SQ2W-FB-K-075U-075D-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	11.58	12.48	12.53	13.44	14.70	21.18	22.07	22.12	23.04	24.30
	3H	12.52	13.33	13.48	14.30	15.58	22.79	23.59	23.75	24.57	25.85
	4H	12.92	13.68	13.90	14.66	15.95	22.97	23.73	23.94	24.71	26.00
	6H	13.18	13.88	14.16	14.87	16.17	23.04	23.74	24.03	24.73	26.03
	8H	13.27	13.94	14.26	14.94	16.24	23.06	23.73	24.05	24.73	26.03
	12H	13.32	13.96	14.32	14.95	16.28	23.04	23.68	24.04	24.67	26.00
4H	2H	16.31	17.07	17.28	18.05	19.34	21.55	22.31	22.53	23.29	24.58
	3H	17.44	18.07	18.43	19.08	20.39	23.44	24.07	24.43	25.08	26.39
	4H	17.72	18.30	18.72	19.30	20.63	23.66	24.24	24.66	25.24	26.57
	6H	17.86	18.36	18.87	19.38	20.71	23.80	24.30	24.81	25.32	26.65
	8H	17.90	18.36	18.91	19.38	20.72	23.84	24.31	24.85	25.33	26.67
	12H	17.90	18.32	18.93	19.36	20.70	23.83	24.25	24.86	25.28	26.63
8H	4H	18.92	19.38	19.93	20.40	21.74	23.76	24.22	24.77	25.24	26.58
	6H	19.18	19.56	20.21	20.62	21.96	23.96	24.34	24.99	25.40	26.74
	8H	19.28	19.61	20.32	20.66	22.02	24.05	24.39	25.09	25.43	26.79
	12H	19.32	19.62	20.37	20.66	22.06	24.05	24.35	25.10	25.39	26.79
12H	4H	18.94	19.36	19.97	20.40	21.74	23.71	24.13	24.74	25.17	26.51
	6H	19.29	19.62	20.33	20.67	22.03	23.94	24.28	24.98	25.32	26.68
	8H	19.42	19.72	20.47	20.76	22.16	24.04	24.34	25.09	25.38	26.78