

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: P1427732

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

Issue Date: 3/10/2026

Test Information

Test Method: LM-79-2019
Report Number: P1427732
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-K-075U-075D-L930-UNV-STD-W-WM-4
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE
DOWNLIGHT - FROSTED CONTINUOUS 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

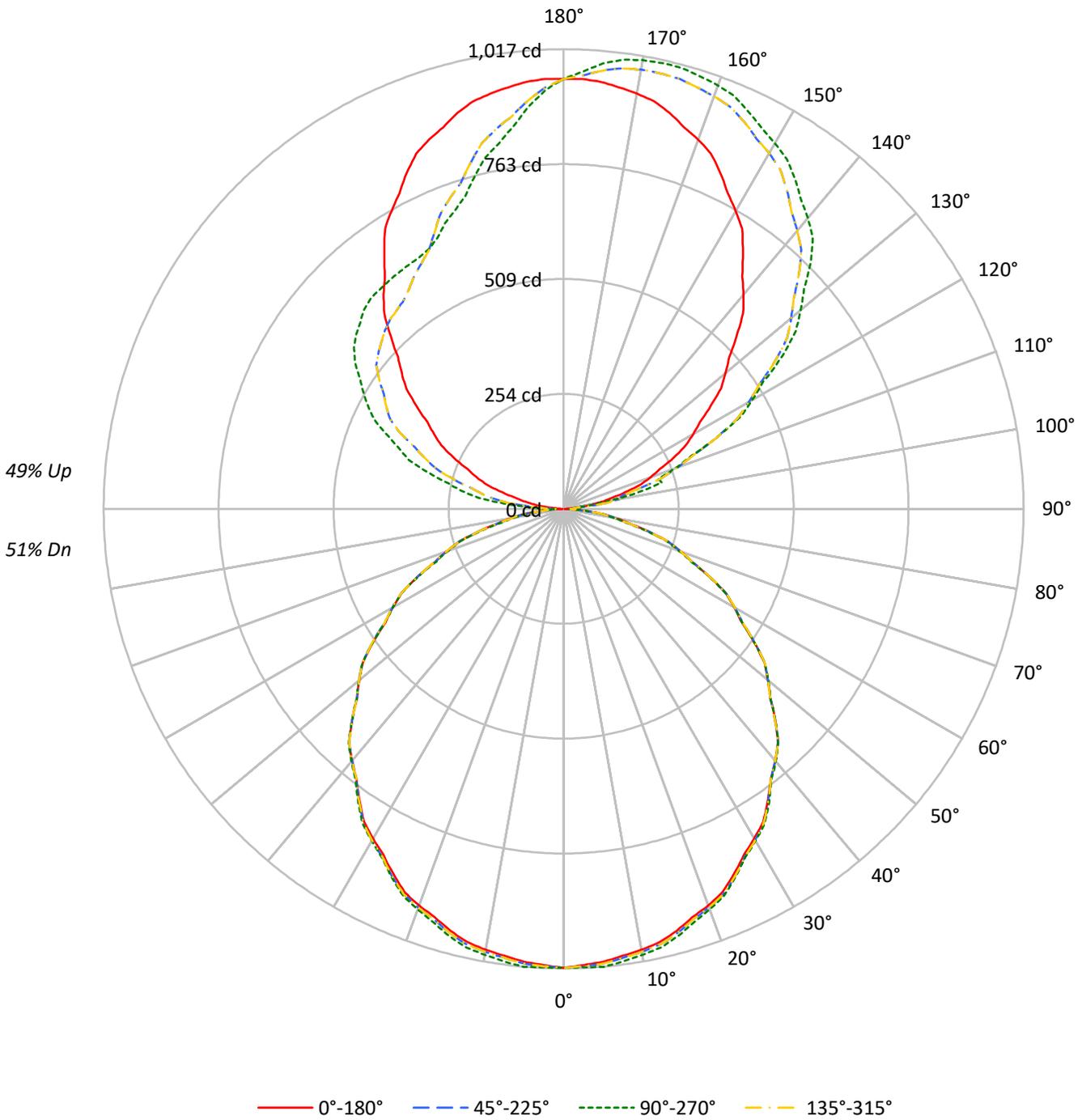
Lumens per Lamp: N/A
Luminaire Lumens: 5640.1 lumens
Efficiency: N/A
Efficacy: 112.1 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.25 / 1.36
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 50.3
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	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	70	82	75	70	65	64	60	56	53	50	48	44	42	40	35				
3	81	71	64	58	74	66	60	54	56	51	47	47	43	40	39	36	34	30				
4	74	63	55	49	68	58	51	46	50	44	40	42	38	34	34	31	29	25				
5	68	56	48	42	62	52	45	39	45	39	34	37	33	30	31	28	25	22				
6	62	50	42	36	57	47	39	34	40	34	30	34	29	26	28	25	22	19				
7	58	45	37	32	53	42	35	30	36	31	26	31	26	23	26	22	19	17				
8	54	41	33	28	49	38	31	26	33	27	23	28	24	20	23	20	17	15				
9	50	37	30	25	46	35	28	23	30	25	21	26	21	18	22	18	16	14				
10	47	34	27	22	43	32	25	21	28	22	19	24	20	16	20	17	14	12				

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	16401	16401	16401	16401
5°	16301	16486	16301	16486
10°	16244	16431	16244	16431
15°	16153	16357	16153	16357
20°	16051	16211	16051	16211
25°	15878	16019	15878	16019
30°	15711	15817	15711	15817
35°	15510	15608	15510	15608
40°	15333	15380	15333	15380
45°	15109	15109	15109	15109
50°	14805	14842	14805	14842
55°	14457	14477	14457	14477
60°	14066	14066	14066	14066
65°	13608	13555	13608	13555
70°	12968	12831	12968	12831
75°	12096	11828	12096	11828
80°	10776	10246	10776	10246
85°	8614	7280	8614	7280

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 15212 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.1	1.7
10°-20°	274.6	4.9
20°-30°	413.4	7.3
30°-40°	494.3	8.8
40°-50°	510.5	9.1
50°-60°	460.4	8.2
60°-70°	352.7	6.3
70°-80°	203.8	3.6
80°-90°	56.9	1.0
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°	784.1	13.9
0°-40°	1278.5	22.7
0°-60°	2249.4	39.9
0°-90°	2862.8	50.8
90°-120°	656.7	11.6
90°-150°	2059.9	36.5
90°-180°	2777.0	49.2
0°-180°	5640.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1016	1016	1016	1016	1016	
5°	1006	1017	1006	1017	1006	95
15°	966	979	966	979	966	273
25°	891	899	891	899	891	411
35°	787	792	787	792	787	493
45°	662	662	662	662	662	510
55°	514	514	514	514	514	459
65°	356	355	356	355	356	352
75°	194	190	194	190	194	205
85°	46	39	46	39	46	54
90°	3	21	3	41	3	4
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°	1015.8	1015.8	1015.8	1015.8	1015.8	1015.8	1015.8	1015.8	1015.8	1015.8	1015.8
2.5°	1010.6	1015.5	1020.3	1018.3	1014.0	1012.3	1013.3	1014.2	1014.7	1015.2	1014.7
5°	1005.8	1012.1	1018.5	1016.3	1011.2	1009.0	1009.6	1010.9	1014.1	1017.2	1014.1
7.5°	997.6	1004.0	1010.3	1008.3	1003.5	1001.4	1002.2	1003.6	1006.9	1010.2	1006.9
10°	990.8	997.1	1003.5	1001.3	996.2	994.3	995.5	997.1	999.7	1002.2	999.7
12.5°	982.2	988.5	994.9	993.1	988.5	986.6	987.3	988.6	991.4	994.2	991.4
15°	966.4	972.8	979.2	977.4	973.0	971.2	972.2	973.5	976.1	978.6	976.1
17.5°	947.4	953.4	959.4	957.8	953.6	952.1	953.2	954.5	956.8	959.0	956.8
20°	934.2	940.0	945.7	944.0	939.9	938.0	938.3	939.1	941.3	943.5	941.3
22.5°	918.2	923.9	929.7	928.2	924.3	922.0	921.3	921.5	924.2	927.0	924.2
25°	891.3	897.1	902.8	901.6	898.1	895.9	894.9	894.7	897.0	899.2	897.0
27.5°	863.3	868.1	872.8	871.8	868.9	867.1	866.5	866.4	868.0	869.6	868.0
30°	842.7	847.5	852.2	851.0	847.9	845.9	845.3	845.2	846.8	848.4	846.8
32.5°	820.9	825.5	830.0	828.3	824.6	822.7	822.6	823.0	824.8	826.7	824.8
35°	786.9	790.7	794.5	792.8	789.4	787.8	788.1	788.7	790.3	791.9	790.3
37.5°	752.7	755.6	758.5	756.8	753.6	751.9	751.9	752.2	753.5	754.8	753.5
40°	727.5	730.7	733.9	732.0	728.5	726.6	726.3	726.5	728.1	729.7	728.1
42.5°	701.8	704.2	706.6	705.0	702.0	700.6	700.8	701.1	701.9	702.8	701.9
45°	661.7	663.9	666.2	664.6	661.7	660.3	660.3	660.4	661.1	661.7	661.1
47.5°	619.8	621.5	623.2	622.0	619.7	618.4	618.1	618.0	619.0	620.1	619.0
50°	589.4	591.7	593.9	592.8	590.6	589.1	588.5	588.3	589.6	590.9	589.6
52.5°	559.7	562.2	564.7	563.6	561.4	559.8	558.9	558.5	559.5	560.5	559.5
55°	513.6	516.5	519.3	518.6	516.7	515.1	513.9	513.1	513.7	514.3	513.7
57.5°	466.6	469.4	472.1	471.6	470.0	468.4	466.8	465.9	466.8	467.7	466.8
60°	435.6	438.2	440.7	439.9	438.0	436.4	435.2	434.4	435.0	435.6	435.0
62.5°	404.2	406.7	409.3	408.3	406.1	404.4	403.1	402.3	403.0	403.6	403.0
65°	356.2	358.5	360.7	359.8	357.9	356.3	355.1	354.2	354.5	354.8	354.5
67.5°	307.9	309.8	311.7	310.8	309.0	307.1	305.3	304.0	304.5	305.0	304.5
70°	274.7	276.6	278.5	277.8	276.2	274.6	273.0	271.8	271.8	271.8	271.8
72.5°	242.6	244.3	246.0	245.0	243.1	241.6	240.2	239.2	239.2	239.2	239.2
75°	193.9	194.8	195.8	195.3	194.3	193.1	191.5	190.2	189.9	189.6	189.9
77.5°	146.8	146.8	146.8	145.9	144.7	143.5	142.3	141.3	140.9	140.5	140.9
80°	115.9	115.9	115.9	115.2	114.2	113.3	112.3	111.4	110.8	110.2	110.8
82.5°	87.3	86.8	86.3	85.4	84.5	83.3	81.8	80.9	81.5	82.1	81.5
85°	46.5	45.9	45.2	44.4	43.4	42.3	41.0	40.0	39.7	39.3	39.7
87.5°	14.9	15.1	15.6	15.7	15.5	14.8	13.8	13.1	13.1	12.8	13.1
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°	1015.8	1015.8	1015.8	1015.8	1015.8	1015.8	1015.8	1015.8	1015.8	1015.8	1015.8
2.5°	1014.2	1013.3	1012.3	1014.0	1018.3	1020.3	1015.5	1010.6	1015.5	1020.3	1018.3
5°	1010.9	1009.6	1009.0	1011.2	1016.3	1018.5	1012.1	1005.8	1012.1	1018.5	1016.3
7.5°	1003.6	1002.2	1001.4	1003.5	1008.3	1010.3	1004.0	997.6	1004.0	1010.3	1008.3
10°	997.1	995.5	994.3	996.2	1001.3	1003.5	997.1	990.8	997.1	1003.5	1001.3
12.5°	988.6	987.3	986.6	988.5	993.1	994.9	988.5	982.2	988.5	994.9	993.1
15°	973.5	972.2	971.2	973.0	977.4	979.2	972.8	966.4	972.8	979.2	977.4
17.5°	954.5	953.2	952.1	953.6	957.8	959.4	953.4	947.4	953.4	959.4	957.8
20°	939.1	938.3	938.0	939.9	944.0	945.7	940.0	934.2	940.0	945.7	944.0
22.5°	921.5	921.3	922.0	924.3	928.2	929.7	923.9	918.2	923.9	929.7	928.2
25°	894.7	894.9	895.9	898.1	901.6	902.8	897.1	891.3	897.1	902.8	901.6
27.5°	866.4	866.5	867.1	868.9	871.8	872.8	868.1	863.3	868.1	872.8	871.8
30°	845.2	845.3	845.9	847.9	851.0	852.2	847.5	842.7	847.5	852.2	851.0
32.5°	823.0	822.6	822.7	824.6	828.3	830.0	825.5	820.9	825.5	830.0	828.3
35°	788.7	788.1	787.8	789.4	792.8	794.5	790.7	786.9	790.7	794.5	792.8
37.5°	752.2	751.9	751.9	753.6	756.8	758.5	755.6	752.7	755.6	758.5	756.8
40°	726.5	726.3	726.6	728.5	732.0	733.9	730.7	727.5	730.7	733.9	732.0
42.5°	701.1	700.8	700.6	702.0	705.0	706.6	704.2	701.8	704.2	706.6	705.0
45°	660.4	660.3	660.3	661.7	664.6	666.2	663.9	661.7	663.9	666.2	664.6
47.5°	618.0	618.1	618.4	619.7	622.0	623.2	621.5	619.8	621.5	623.2	622.0
50°	588.3	588.5	589.1	590.6	592.8	593.9	591.7	589.4	591.7	593.9	592.8
52.5°	558.5	558.9	559.8	561.4	563.6	564.7	562.2	559.7	562.2	564.7	563.6
55°	513.1	513.9	515.1	516.7	518.6	519.3	516.5	513.6	516.5	519.3	518.6
57.5°	465.9	466.8	468.4	470.0	471.6	472.1	469.4	466.6	469.4	472.1	471.6
60°	434.4	435.2	436.4	438.0	439.9	440.7	438.2	435.6	438.2	440.7	439.9
62.5°	402.3	403.1	404.4	406.1	408.3	409.3	406.7	404.2	406.7	409.3	408.3
65°	354.2	355.1	356.3	357.9	359.8	360.7	358.5	356.2	358.5	360.7	359.8
67.5°	304.0	305.3	307.1	309.0	310.8	311.7	309.8	307.9	309.8	311.7	310.8
70°	271.8	273.0	274.6	276.2	277.8	278.5	276.6	274.7	276.6	278.5	277.8
72.5°	239.2	240.2	241.6	243.1	245.0	246.0	244.3	242.6	244.3	246.0	245.0
75°	190.2	191.5	193.1	194.3	195.3	195.8	194.8	193.9	194.8	195.8	195.3
77.5°	141.3	142.3	143.5	144.7	145.9	146.8	146.8	146.8	146.8	146.8	145.9
80°	111.4	112.3	113.3	114.2	115.2	115.9	115.9	115.9	115.9	115.9	115.2
82.5°	80.9	81.8	83.3	84.5	85.4	86.3	86.8	87.3	86.8	86.3	85.4
85°	40.0	41.0	42.3	43.4	44.4	45.2	45.9	46.5	45.9	45.2	44.4
87.5°	13.1	13.8	14.8	15.5	15.7	15.6	15.1	14.9	15.1	15.4	16.0
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: P1427732

CATALOG NUMBER: SQ2W-F-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: P1427732

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

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
0°	1015.8	1015.8	1015.8	1015.8	1015.8	1015.8	1015.8	1015.8	1015.8	1015.8	1015.8
2.5°	1014.0	1012.3	1013.3	1014.2	1014.7	1015.2	1014.7	1014.2	1013.3	1012.3	1014.0
5°	1011.2	1009.0	1009.6	1010.9	1014.1	1017.2	1014.1	1010.9	1009.6	1009.0	1011.2
7.5°	1003.5	1001.4	1002.2	1003.6	1006.9	1010.2	1006.9	1003.6	1002.2	1001.4	1003.5
10°	996.2	994.3	995.5	997.1	999.7	1002.2	999.7	997.1	995.5	994.3	996.2
12.5°	988.5	986.6	987.3	988.6	991.4	994.2	991.4	988.6	987.3	986.6	988.5
15°	973.0	971.2	972.2	973.5	976.1	978.6	976.1	973.5	972.2	971.2	973.0
17.5°	953.6	952.1	953.2	954.5	956.8	959.0	956.8	954.5	953.2	952.1	953.6
20°	939.9	938.0	938.3	939.1	941.3	943.5	941.3	939.1	938.3	938.0	939.9
22.5°	924.3	922.0	921.3	921.5	924.2	927.0	924.2	921.5	921.3	922.0	924.3
25°	898.1	895.9	894.9	894.7	897.0	899.2	897.0	894.7	894.9	895.9	898.1
27.5°	868.9	867.1	866.5	866.4	868.0	869.6	868.0	866.4	866.5	867.1	868.9
30°	847.9	845.9	845.3	845.2	846.8	848.4	846.8	845.2	845.3	845.9	847.9
32.5°	824.6	822.7	822.6	823.0	824.8	826.7	824.8	823.0	822.6	822.7	824.6
35°	789.4	787.8	788.1	788.7	790.3	791.9	790.3	788.7	788.1	787.8	789.4
37.5°	753.6	751.9	751.9	752.2	753.5	754.8	753.5	752.2	751.9	751.9	753.6
40°	728.5	726.6	726.3	726.5	728.1	729.7	728.1	726.5	726.3	726.6	728.5
42.5°	702.0	700.6	700.8	701.1	701.9	702.8	701.9	701.1	700.8	700.6	702.0
45°	661.7	660.3	660.3	660.4	661.1	661.7	661.1	660.4	660.3	660.3	661.7
47.5°	619.7	618.4	618.1	618.0	619.0	620.1	619.0	618.0	618.1	618.4	619.7
50°	590.6	589.1	588.5	588.3	589.6	590.9	589.6	588.3	588.5	589.1	590.6
52.5°	561.4	559.8	558.9	558.5	559.5	560.5	559.5	558.5	558.9	559.8	561.4
55°	516.7	515.1	513.9	513.1	513.7	514.3	513.7	513.1	513.9	515.1	516.7
57.5°	470.0	468.4	466.8	465.9	466.8	467.7	466.8	465.9	466.8	468.4	470.0
60°	438.0	436.4	435.2	434.4	435.0	435.6	435.0	434.4	435.2	436.4	438.0
62.5°	406.1	404.4	403.1	402.3	403.0	403.6	403.0	402.3	403.1	404.4	406.1
65°	357.9	356.3	355.1	354.2	354.5	354.8	354.5	354.2	355.1	356.3	357.9
67.5°	309.0	307.1	305.3	304.0	304.5	305.0	304.5	304.0	305.3	307.1	309.0
70°	276.2	274.6	273.0	271.8	271.8	271.8	271.8	271.8	273.0	274.6	276.2
72.5°	243.1	241.6	240.2	239.2	239.2	239.2	239.2	239.2	240.2	241.6	243.1
75°	194.3	193.1	191.5	190.2	189.9	189.6	189.9	190.2	191.5	193.1	194.3
77.5°	144.7	143.5	142.3	141.3	140.9	140.5	140.9	141.3	142.3	143.5	144.7
80°	114.2	113.3	112.3	111.4	110.8	110.2	110.8	111.4	112.3	113.3	114.2
82.5°	84.5	83.3	81.8	80.9	81.5	82.1	81.5	80.9	81.8	83.3	84.5
85°	43.4	42.3	41.0	40.0	39.7	39.3	39.7	40.0	41.0	42.3	43.4
87.5°	16.2	16.7	17.0	17.0	17.5	16.8	17.5	17.0	17.0	16.7	16.2
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: P1427732

CATALOG NUMBER: SQ2W-F-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: P1427732

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

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
0°	1015.8	1015.8	1015.8	1015.8
2.5°	1018.3	1020.3	1015.5	1010.6
5°	1016.3	1018.5	1012.1	1005.8
7.5°	1008.3	1010.3	1004.0	997.6
10°	1001.3	1003.5	997.1	990.8
12.5°	993.1	994.9	988.5	982.2
15°	977.4	979.2	972.8	966.4
17.5°	957.8	959.4	953.4	947.4
20°	944.0	945.7	940.0	934.2
22.5°	928.2	929.7	923.9	918.2
25°	901.6	902.8	897.1	891.3
27.5°	871.8	872.8	868.1	863.3
30°	851.0	852.2	847.5	842.7
32.5°	828.3	830.0	825.5	820.9
35°	792.8	794.5	790.7	786.9
37.5°	756.8	758.5	755.6	752.7
40°	732.0	733.9	730.7	727.5
42.5°	705.0	706.6	704.2	701.8
45°	664.6	666.2	663.9	661.7
47.5°	622.0	623.2	621.5	619.8
50°	592.8	593.9	591.7	589.4
52.5°	563.6	564.7	562.2	559.7
55°	518.6	519.3	516.5	513.6
57.5°	471.6	472.1	469.4	466.6
60°	439.9	440.7	438.2	435.6
62.5°	408.3	409.3	406.7	404.2
65°	359.8	360.7	358.5	356.2
67.5°	310.8	311.7	309.8	307.9
70°	277.8	278.5	276.6	274.7
72.5°	245.0	246.0	244.3	242.6
75°	195.3	195.8	194.8	193.9
77.5°	145.9	146.8	146.8	146.8
80°	115.2	115.9	115.9	115.9
82.5°	85.4	86.3	86.8	87.3
85°	44.4	45.2	45.9	46.5
87.5°	16.0	15.4	15.1	14.9
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: P1427732

CATALOG NUMBER: SQ2W-F-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: P1427732
 CATALOG NUMBER: SQ2W-F-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	17.65	18.53	18.60	19.50	20.75	17.57	18.45	18.51	19.41	20.67
	3H	19.44	20.23	20.40	21.21	22.49	19.34	20.13	20.30	21.10	22.39
	4H	20.14	20.89	21.11	21.86	23.16	20.02	20.77	21.00	21.75	23.04
	6H	20.58	21.27	21.56	22.25	23.55	20.44	21.12	21.42	22.11	23.41
	8H	20.74	21.39	21.73	22.40	23.70	20.58	21.24	21.57	22.24	23.54
	12H	20.82	21.45	21.82	22.44	23.77	20.65	21.27	21.64	22.27	23.59
4H	2H	18.23	18.98	19.21	19.96	21.25	18.17	18.91	19.15	19.89	21.18
	3H	20.26	20.88	21.24	21.89	23.19	20.16	20.79	21.15	21.80	23.10
	4H	21.07	21.64	22.07	22.64	23.97	20.96	21.53	21.96	22.53	23.86
	6H	21.62	22.12	22.63	23.14	24.47	21.48	21.98	22.49	23.00	24.33
	8H	21.84	22.30	22.85	23.32	24.66	21.68	22.14	22.69	23.16	24.50
	12H	21.95	22.37	22.98	23.40	24.75	21.77	22.18	22.80	23.22	24.56
8H	4H	21.32	21.78	22.33	22.80	24.14	21.22	21.68	22.23	22.70	24.04
	6H	22.01	22.39	23.04	23.45	24.79	21.88	22.26	22.91	23.32	24.65
	8H	22.31	22.65	23.35	23.69	25.05	22.16	22.49	23.20	23.54	24.89
	12H	22.50	22.79	23.54	23.83	25.23	22.30	22.60	23.35	23.64	25.04
12H	4H	21.31	21.73	22.34	22.76	24.11	21.22	21.63	22.25	22.67	24.01
	6H	22.06	22.39	23.10	23.44	24.80	21.93	22.27	22.97	23.31	24.67
	8H	22.39	22.69	23.44	23.73	25.13	22.24	22.54	23.29	23.58	24.98