

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: P1428063

Luminaire Tested: SQ2W-PP3-K-075U-050D-L935-UNV-STD-W-WM-4

Issue Date: 3/10/2026

Test Information

Test Method: LM-79-2019
Report Number: P1428063
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-075U-050D-L935-UNV-STD-W-WM-4
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE
DOWNLIGHT - PERCEIVE PRISM LENS
UPLIGHT - ASYMMETRIC ROLL LENS
DOWNLIGHT 500 LUMENS PER FOOT
UPLIGHT 750 LUMENS PER FOOT
Light Source: 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

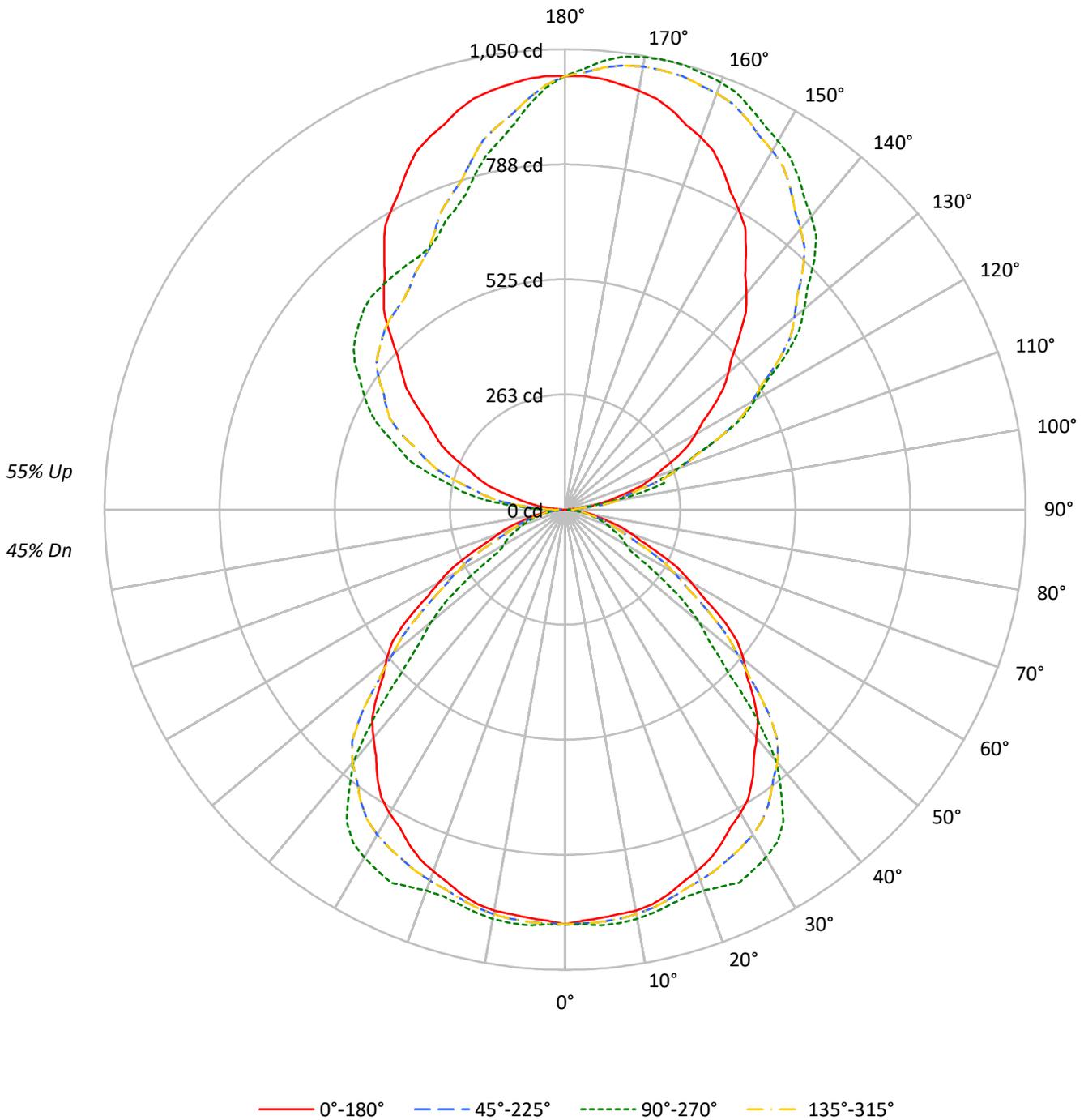
Lumens per Lamp: N/A
Luminaire Lumens: 5274.2 lumens
Efficiency: N/A
Efficacy: 127.4 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.41 / 1.4
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 41.4
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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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	106	106	106	106	97	97	97	97	81	81	81	66	66	66	52	52	52	45				45
1	97	93	89	86	89	86	82	80	71	69	67	58	57	56	46	46	45				39	
2	89	82	76	71	81	75	70	66	63	59	56	52	49	47	41	40	38				33	
3	81	72	65	60	74	67	61	56	56	52	48	46	43	40	37	35	33				29	
4	75	64	57	51	68	59	53	47	50	45	41	41	38	35	33	31	29				25	
5	68	57	49	44	63	53	46	41	45	40	36	37	33	30	30	27	25				22	
6	63	51	44	38	58	48	41	36	40	35	31	34	30	27	27	25	22				19	
7	58	46	39	33	53	43	36	31	37	31	27	31	27	24	25	22	20				17	
8	54	42	35	29	50	39	32	28	33	28	24	28	24	21	23	20	18				15	
9	50	38	31	26	46	36	29	25	31	25	22	26	22	19	21	18	16				14	
10	47	35	28	23	43	33	26	22	28	23	20	24	20	17	20	17	15				13	

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15274	15274	15274	15274
5°	15154	15429	15154	15429
10°	15231	15542	15231	15542
15°	15194	15578	15194	15578
20°	15086	15893	15086	15893
25°	15000	16728	15000	16728
30°	14915	17077	14915	17077
35°	14704	17108	14704	17108
40°	14311	15807	14311	15807
45°	13883	12033	13883	12033
50°	13338	10022	13338	10022
55°	12414	7206	12414	7206
60°	10688	5167	10688	5167
65°	9016	5081	9016	5081
70°	7506	4862	7506	4862
75°	6363	4554	6363	4554
80°	5393	4091	5393	4091
85°	4261	2223	4261	2223

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 40°
 Vertical Angle: 45°
 Luminance: 15186 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.1	1.7
10°-20°	260.7	4.9
20°-30°	408.4	7.7
30°-40°	503.8	9.6
40°-50°	474.3	9.0
50°-60°	335.9	6.4
60°-70°	191.4	3.6
70°-80°	94.7	1.8
80°-90°	27.2	0.5
90°-100°	78.7	1.5
100°-110°	229.5	4.4
110°-120°	374.6	7.1
120°-130°	475.3	9.0
130°-140°	508.6	9.6
140°-150°	474.9	9.0
150°-160°	390.8	7.4
160°-170°	262.1	5.0
170°-180°	93.1	1.8
0°-30°	759.2	14.4
0°-40°	1263.0	23.9
0°-60°	2073.2	39.3
0°-90°	2386.6	45.3
90°-120°	682.8	12.9
90°-150°	2141.7	40.6
90°-180°	2888.0	54.8
0°-180°	5274.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	946	946	946	946	946	
5°	935	952	935	952	935	89
15°	909	932	909	932	909	256
25°	842	939	842	939	842	388
35°	746	868	746	868	746	465
45°	608	527	608	527	608	468
55°	441	256	441	256	441	389
65°	236	133	236	133	236	237
75°	102	73	102	73	102	111
85°	23	12	23	12	23	27
90°	3	22	3	43	3	3
95°	31	23	31	135	31	37
105°	146	234	146	322	146	155
115°	280	388	280	478	280	276
125°	414	614	414	585	414	370
135°	562	804	562	648	562	435
145°	718	927	718	662	718	449
155°	853	1007	853	687	853	392
165°	943	1050	943	791	943	265
175°	986	1028	986	928	986	94
180°	989	989	989	989	989	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
0°	946.0	946.0	946.0	946.0	946.0	946.0	946.0	946.0	946.0	946.0	946.0
2.5°	938.8	944.9	950.9	949.5	945.6	944.0	944.7	945.4	946.1	946.8	946.1
5°	935.0	942.6	950.1	949.0	945.0	943.5	944.3	945.8	948.9	952.0	948.9
7.5°	931.4	939.1	946.9	945.9	942.0	940.8	942.3	944.4	948.2	952.0	948.2
10°	929.0	935.7	942.3	941.3	937.8	937.1	939.3	941.8	944.9	948.0	944.9
12.5°	921.8	928.1	934.4	933.6	930.4	930.3	933.2	936.1	938.9	941.6	938.9
15°	909.0	914.8	920.6	920.7	918.9	920.0	924.0	927.6	929.8	932.0	929.8
17.5°	891.6	898.6	905.7	907.3	907.1	909.9	915.5	920.4	922.7	925.0	922.7
20°	878.0	886.5	894.9	897.7	898.6	902.6	909.7	916.1	920.6	925.0	920.6
22.5°	863.6	873.5	883.3	887.0	888.6	894.7	905.4	915.3	923.0	930.6	923.0
25°	842.0	851.8	861.6	868.7	874.9	885.8	901.3	915.9	927.5	939.0	927.5
27.5°	816.8	826.5	836.2	848.4	861.5	876.8	894.3	909.7	918.9	928.0	918.9
30°	800.0	809.3	818.7	832.7	848.2	865.1	883.3	899.1	907.6	916.0	907.6
32.5°	779.2	788.9	798.6	813.5	830.1	848.2	867.9	884.5	892.3	900.0	892.3
35°	746.0	755.3	764.7	782.0	802.0	822.2	842.7	859.1	863.6	868.0	863.6
37.5°	707.8	718.4	729.0	748.4	770.8	787.7	799.2	807.9	808.1	808.4	808.1
40°	679.0	692.8	706.6	726.0	747.3	759.1	761.3	761.6	755.8	750.0	755.8
42.5°	651.0	668.7	686.4	702.0	716.9	720.0	711.2	698.2	672.5	646.8	672.5
45°	608.0	628.9	649.8	659.3	665.1	645.6	600.7	562.6	544.8	527.0	544.8
47.5°	562.2	582.8	603.4	600.8	590.4	560.8	512.0	472.3	460.1	447.8	460.1
50°	531.0	550.6	570.1	556.0	530.7	497.3	456.0	422.1	410.6	399.0	410.6
52.5°	495.8	513.2	530.6	509.3	475.1	440.0	404.0	372.6	355.0	337.4	355.0
55°	441.0	453.0	465.0	441.7	406.6	367.9	325.7	289.8	272.9	256.0	272.9
57.5°	375.0	383.4	391.9	373.5	346.2	307.8	258.2	216.3	197.3	178.4	197.3
60°	331.0	337.7	344.3	327.7	303.2	266.6	217.7	178.7	169.3	160.0	169.3
62.5°	291.0	297.0	302.9	285.5	260.4	227.6	187.3	156.2	152.9	149.6	152.9
65°	236.0	241.8	247.6	229.3	203.1	177.6	152.7	133.9	133.4	133.0	133.4
67.5°	187.8	194.1	200.4	183.3	158.3	139.4	126.6	116.9	116.3	115.8	116.3
70°	159.0	165.7	172.3	156.3	132.8	117.4	110.3	104.8	103.9	103.0	103.9
72.5°	135.0	141.3	147.6	133.7	113.0	100.3	95.7	92.1	91.5	91.0	91.5
75°	102.0	106.9	111.8	101.7	86.6	77.9	75.7	73.9	73.4	73.0	73.4
77.5°	74.0	77.1	80.2	73.6	63.7	58.2	57.1	56.1	55.6	55.2	55.6
80°	58.0	59.3	60.7	56.0	49.3	45.8	45.3	44.9	44.4	44.0	44.4
82.5°	43.6	43.2	42.7	40.0	36.5	34.6	34.1	33.6	32.8	32.0	32.8
85°	23.0	22.1	21.2	20.3	19.4	18.1	16.3	14.7	13.3	12.0	13.3
87.5°	7.8	8.6	9.6	9.1	7.9	7.0	6.7	6.6	6.8	6.8	6.8
90°	3.0	7.0	12.0	16.0	19.0	20.0	20.0	21.0	22.0	22.0	22.0
92.5°	11.0	17.4	17.6	17.6	21.4	23.2	24.8	25.0	26.0	26.0	26.0
95°	31.0	34.0	50.9	49.9	34.0	27.0	23.0	23.0	23.0	23.0	23.0
97.5°	59.1	63.5	66.3	88.9	93.9	90.7	73.9	62.1	55.5	52.5	55.5
100°	83.9	85.9	91.9	92.9	117.9	141.9	129.9	114.9	109.9	106.9	109.9
102.5°	108.7	109.9	119.1	123.3	129.1	142.7	184.2	179.6	176.2	175.6	176.2
105°	145.8	146.8	163.8	171.8	175.8	175.8	174.8	194.8	226.8	233.8	226.8
107.5°	185.6	190.2	210.2	231.6	236.2	237.4	232.2	229.2	228.0	228.8	228.0
110°	212.8	219.8	243.7	270.7	277.7	279.7	277.7	274.7	272.7	272.7	272.7



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
112.5°	239.2	249.3	276.5	307.5	319.3	325.3	320.9	318.7	316.7	318.3	316.7
115°	279.7	294.7	330.7	362.6	386.6	389.6	388.6	388.6	387.6	387.6	387.6
117.5°	317.3	341.2	381.6	418.8	446.5	454.5	458.5	457.3	456.1	458.1	456.1
120°	343.6	371.6	417.6	459.5	486.5	498.5	502.5	500.5	502.5	500.5	502.5
122.5°	371.6	406.0	451.1	494.7	526.5	540.0	544.8	545.2	545.6	544.4	545.6
125°	413.6	455.5	508.5	553.4	586.4	602.4	606.4	607.4	609.4	614.4	609.4
127.5°	455.9	503.5	561.6	605.0	638.7	658.1	664.3	666.5	670.7	672.9	670.7
130°	485.5	539.4	598.4	639.3	672.3	693.3	704.3	707.3	712.3	711.3	712.3
132.5°	516.7	573.0	632.7	675.3	705.9	728.4	737.8	746.4	748.2	749.6	748.2
135°	562.4	623.4	683.3	725.3	754.2	776.2	788.2	796.2	801.2	804.2	801.2
137.5°	610.6	674.9	732.4	769.8	799.0	818.0	831.5	839.9	845.1	847.5	845.1
140°	643.3	705.3	761.2	800.2	826.1	845.1	857.1	867.1	873.1	873.1	873.1
142.5°	674.5	735.6	790.0	828.9	851.7	869.1	881.9	889.5	896.3	896.3	896.3
145°	718.3	779.2	829.1	868.1	887.1	903.1	917.1	923.0	927.0	927.0	927.0
147.5°	764.0	818.0	863.5	900.9	916.9	935.6	946.6	951.4	956.4	954.2	956.4
150°	791.2	841.1	885.1	920.1	936.0	954.0	965.0	969.0	974.0	971.0	974.0
152.5°	817.6	865.1	905.1	937.6	951.2	969.2	981.8	985.8	989.2	987.0	989.2
155°	853.1	895.1	932.0	962.0	974.0	991.0	1003.0	1008.0	1012.0	1007.0	1012.0
157.5°	884.9	921.0	953.2	980.8	993.6	1008.2	1019.3	1025.5	1029.5	1027.3	1029.5
160°	904.1	937.0	966.0	992.0	1004.0	1017.0	1028.9	1035.9	1039.9	1036.9	1039.9
162.5°	920.1	949.8	977.2	1000.8	1011.2	1022.5	1036.9	1043.1	1047.1	1043.3	1047.1
165°	943.0	967.0	991.0	1011.0	1019.9	1028.9	1043.9	1050.9	1053.9	1049.9	1053.9
167.5°	960.4	978.8	998.2	1015.4	1021.9	1030.7	1045.7	1051.5	1055.3	1050.3	1055.3
170°	970.0	986.0	1003.0	1017.0	1021.9	1029.9	1044.9	1049.9	1052.9	1047.9	1052.9
172.5°	978.0	990.0	1003.8	1016.2	1018.7	1025.1	1039.3	1044.3	1046.5	1042.3	1046.5
175°	986.0	993.0	1003.0	1011.0	1010.0	1014.0	1025.9	1029.9	1033.9	1027.9	1033.9
177.5°	989.8	993.0	996.2	1001.0	997.8	997.8	1006.6	1009.0	1009.8	1006.6	1009.8
180°	989.0	989.0	989.0	989.0	989.0	989.0	989.0	989.0	989.0	989.0	989.0



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CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
0°	946.0	946.0	946.0	946.0	946.0	946.0	946.0	946.0	946.0	946.0	946.0
2.5°	945.4	944.7	944.0	945.6	949.5	950.9	944.9	938.8	944.9	950.9	949.5
5°	945.8	944.3	943.5	945.0	949.0	950.1	942.6	935.0	942.6	950.1	949.0
7.5°	944.4	942.3	940.8	942.0	945.9	946.9	939.1	931.4	939.1	946.9	945.9
10°	941.8	939.3	937.1	937.8	941.3	942.3	935.7	929.0	935.7	942.3	941.3
12.5°	936.1	933.2	930.3	930.4	933.6	934.4	928.1	921.8	928.1	934.4	933.6
15°	927.6	924.0	920.0	918.9	920.7	920.6	914.8	909.0	914.8	920.6	920.7
17.5°	920.4	915.5	909.9	907.1	907.3	905.7	898.6	891.6	898.6	905.7	907.3
20°	916.1	909.7	902.6	898.6	897.7	894.9	886.5	878.0	886.5	894.9	897.7
22.5°	915.3	905.4	894.7	888.6	887.0	883.3	873.5	863.6	873.5	883.3	887.0
25°	915.9	901.3	885.8	874.9	868.7	861.6	851.8	842.0	851.8	861.6	868.7
27.5°	909.7	894.3	876.8	861.5	848.4	836.2	826.5	816.8	826.5	836.2	848.4
30°	899.1	883.3	865.1	848.2	832.7	818.7	809.3	800.0	809.3	818.7	832.7
32.5°	884.5	867.9	848.2	830.1	813.5	798.6	788.9	779.2	788.9	798.6	813.5
35°	859.1	842.7	822.2	802.0	782.0	764.7	755.3	746.0	755.3	764.7	782.0
37.5°	807.9	799.2	787.7	770.8	748.4	729.0	718.4	707.8	718.4	729.0	748.4
40°	761.6	761.3	759.1	747.3	726.0	706.6	692.8	679.0	692.8	706.6	726.0
42.5°	698.2	711.2	720.0	716.9	702.0	686.4	668.7	651.0	668.7	686.4	702.0
45°	562.6	600.7	645.6	665.1	659.3	649.8	628.9	608.0	628.9	649.8	659.3
47.5°	472.3	512.0	560.8	590.4	600.8	603.4	582.8	562.2	582.8	603.4	600.8
50°	422.1	456.0	497.3	530.7	556.0	570.1	550.6	531.0	550.6	570.1	556.0
52.5°	372.6	404.0	440.0	475.1	509.3	530.6	513.2	495.8	513.2	530.6	509.3
55°	289.8	325.7	367.9	406.6	441.7	465.0	453.0	441.0	453.0	465.0	441.7
57.5°	216.3	258.2	307.8	346.2	373.5	391.9	383.4	375.0	383.4	391.9	373.5
60°	178.7	217.7	266.6	303.2	327.7	344.3	337.7	331.0	337.7	344.3	327.7
62.5°	156.2	187.3	227.6	260.4	285.5	302.9	297.0	291.0	297.0	302.9	285.5
65°	133.9	152.7	177.6	203.1	229.3	247.6	241.8	236.0	241.8	247.6	229.3
67.5°	116.9	126.6	139.4	158.3	183.3	200.4	194.1	187.8	194.1	200.4	183.3
70°	104.8	110.3	117.4	132.8	156.3	172.3	165.7	159.0	165.7	172.3	156.3
72.5°	92.1	95.7	100.3	113.0	133.7	147.6	141.3	135.0	141.3	147.6	133.7
75°	73.9	75.7	77.9	86.6	101.7	111.8	106.9	102.0	106.9	111.8	101.7
77.5°	56.1	57.1	58.2	63.7	73.6	80.2	77.1	74.0	77.1	80.2	73.6
80°	44.9	45.3	45.8	49.3	56.0	60.7	59.3	58.0	59.3	60.7	56.0
82.5°	33.6	34.1	34.6	36.5	40.0	42.7	43.2	43.6	43.2	42.7	40.0
85°	14.7	16.3	18.1	19.4	20.3	21.2	22.1	23.0	22.1	21.2	20.3
87.5°	6.6	6.7	7.0	7.9	9.1	9.6	8.6	7.8	8.6	9.4	9.5
90°	21.0	20.0	20.0	19.0	16.0	12.0	7.0	3.0	7.0	11.0	18.0
92.5°	25.0	24.8	23.2	21.4	17.6	17.6	17.4	11.0	19.0	27.0	38.8
95°	23.0	23.0	27.0	34.0	49.9	50.9	34.0	31.0	44.0	61.9	77.9
97.5°	62.1	73.9	90.7	93.9	88.9	66.3	63.5	59.1	80.5	98.3	124.1
100°	114.9	129.9	141.9	117.9	92.9	91.9	85.9	83.9	106.9	123.9	148.8
102.5°	179.6	184.2	142.7	129.1	123.3	119.1	109.9	108.7	131.7	155.0	176.0
105°	194.8	174.8	175.8	175.8	171.8	163.8	146.8	145.8	171.8	198.8	224.8
107.5°	229.2	232.2	237.4	236.2	231.6	210.2	190.2	185.6	209.0	241.4	269.9
110°	274.7	277.7	279.7	277.7	270.7	243.7	219.8	212.8	233.8	267.7	298.7



TEST NUMBER: P1428063

CATALOG NUMBER: SQ2W-PP3-K-075U-050D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
112.5°	318.7	320.9	325.3	319.3	307.5	276.5	249.3	239.2	260.1	294.9	326.7
115°	388.6	388.6	389.6	386.6	362.6	330.7	294.7	279.7	297.7	329.7	364.6
117.5°	457.3	458.5	454.5	446.5	418.8	381.6	341.2	317.3	331.5	365.2	401.2
120°	500.5	502.5	498.5	486.5	459.5	417.6	371.6	343.6	354.6	387.6	423.6
122.5°	545.2	544.8	540.0	526.5	494.7	451.1	406.0	371.6	376.2	406.8	441.9
125°	607.4	606.4	602.4	586.4	553.4	508.5	455.5	413.6	407.6	433.6	469.5
127.5°	666.5	664.3	658.1	638.7	605.0	561.6	503.5	455.9	442.5	458.9	491.9
130°	707.3	704.3	693.3	672.3	639.3	598.4	539.4	485.5	466.5	476.5	505.5
132.5°	746.4	737.8	728.4	705.9	675.3	632.7	573.0	516.7	490.5	494.9	517.5
135°	796.2	788.2	776.2	754.2	725.3	683.3	623.4	562.4	526.5	522.5	535.4
137.5°	839.9	831.5	818.0	799.0	769.8	732.4	674.9	610.6	565.2	551.8	556.8
140°	867.1	857.1	845.1	826.1	800.2	761.2	705.3	643.3	592.4	573.4	570.4
142.5°	889.5	881.9	869.1	851.7	828.9	790.0	735.6	674.5	620.4	595.8	588.8
145°	923.0	917.1	903.1	887.1	868.1	829.1	779.2	718.3	664.3	632.3	617.4
147.5°	951.4	946.6	935.6	916.9	900.9	863.5	818.0	764.0	708.7	669.1	649.7
150°	969.0	965.0	954.0	936.0	920.1	885.1	841.1	791.2	738.2	696.3	671.3
152.5°	985.8	981.8	969.2	951.2	937.6	905.1	865.1	817.6	763.8	721.9	696.1
155°	1008.0	1003.0	991.0	974.0	962.0	932.0	895.1	853.1	807.2	763.2	734.2
157.5°	1025.5	1019.3	1008.2	993.6	980.8	953.2	921.0	884.9	844.7	802.8	773.2
160°	1035.9	1028.9	1017.0	1004.0	992.0	966.0	937.0	904.1	867.1	829.1	797.2
162.5°	1043.1	1036.9	1022.5	1011.2	1000.8	977.2	949.8	920.1	887.1	853.9	824.3
165°	1050.9	1043.9	1028.9	1019.9	1011.0	991.0	967.0	943.0	915.1	888.1	864.1
167.5°	1051.5	1045.7	1030.7	1021.9	1015.4	998.2	978.8	960.4	938.6	917.5	897.5
170°	1049.9	1044.9	1029.9	1021.9	1017.0	1003.0	986.0	970.0	953.0	935.0	919.1
172.5°	1044.3	1039.3	1025.1	1018.7	1016.2	1003.8	990.0	978.0	963.4	950.2	937.4
175°	1029.9	1025.9	1014.0	1010.0	1011.0	1003.0	993.0	986.0	977.0	969.0	962.0
177.5°	1009.0	1006.6	997.8	997.8	1001.0	996.2	993.0	989.8	985.8	983.4	981.0
180°	989.0	989.0	989.0	989.0	989.0	989.0	989.0	989.0	989.0	989.0	989.0



TEST NUMBER: P1428063

CATALOG NUMBER: SQ2W-PP3-K-075U-050D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
0°	946.0	946.0	946.0	946.0	946.0	946.0	946.0	946.0	946.0	946.0	946.0
2.5°	945.6	944.0	944.7	945.4	946.1	946.8	946.1	945.4	944.7	944.0	945.6
5°	945.0	943.5	944.3	945.8	948.9	952.0	948.9	945.8	944.3	943.5	945.0
7.5°	942.0	940.8	942.3	944.4	948.2	952.0	948.2	944.4	942.3	940.8	942.0
10°	937.8	937.1	939.3	941.8	944.9	948.0	944.9	941.8	939.3	937.1	937.8
12.5°	930.4	930.3	933.2	936.1	938.9	941.6	938.9	936.1	933.2	930.3	930.4
15°	918.9	920.0	924.0	927.6	929.8	932.0	929.8	927.6	924.0	920.0	918.9
17.5°	907.1	909.9	915.5	920.4	922.7	925.0	922.7	920.4	915.5	909.9	907.1
20°	898.6	902.6	909.7	916.1	920.6	925.0	920.6	916.1	909.7	902.6	898.6
22.5°	888.6	894.7	905.4	915.3	923.0	930.6	923.0	915.3	905.4	894.7	888.6
25°	874.9	885.8	901.3	915.9	927.5	939.0	927.5	915.9	901.3	885.8	874.9
27.5°	861.5	876.8	894.3	909.7	918.9	928.0	918.9	909.7	894.3	876.8	861.5
30°	848.2	865.1	883.3	899.1	907.6	916.0	907.6	899.1	883.3	865.1	848.2
32.5°	830.1	848.2	867.9	884.5	892.3	900.0	892.3	884.5	867.9	848.2	830.1
35°	802.0	822.2	842.7	859.1	863.6	868.0	863.6	859.1	842.7	822.2	802.0
37.5°	770.8	787.7	799.2	807.9	808.1	808.4	808.1	807.9	799.2	787.7	770.8
40°	747.3	759.1	761.3	761.6	755.8	750.0	755.8	761.6	761.3	759.1	747.3
42.5°	716.9	720.0	711.2	698.2	672.5	646.8	672.5	698.2	711.2	720.0	716.9
45°	665.1	645.6	600.7	562.6	544.8	527.0	544.8	562.6	600.7	645.6	665.1
47.5°	590.4	560.8	512.0	472.3	460.1	447.8	460.1	472.3	512.0	560.8	590.4
50°	530.7	497.3	456.0	422.1	410.6	399.0	410.6	422.1	456.0	497.3	530.7
52.5°	475.1	440.0	404.0	372.6	355.0	337.4	355.0	372.6	404.0	440.0	475.1
55°	406.6	367.9	325.7	289.8	272.9	256.0	272.9	289.8	325.7	367.9	406.6
57.5°	346.2	307.8	258.2	216.3	197.3	178.4	197.3	216.3	258.2	307.8	346.2
60°	303.2	266.6	217.7	178.7	169.3	160.0	169.3	178.7	217.7	266.6	303.2
62.5°	260.4	227.6	187.3	156.2	152.9	149.6	152.9	156.2	187.3	227.6	260.4
65°	203.1	177.6	152.7	133.9	133.4	133.0	133.4	133.9	152.7	177.6	203.1
67.5°	158.3	139.4	126.6	116.9	116.3	115.8	116.3	116.9	126.6	139.4	158.3
70°	132.8	117.4	110.3	104.8	103.9	103.0	103.9	104.8	110.3	117.4	132.8
72.5°	113.0	100.3	95.7	92.1	91.5	91.0	91.5	92.1	95.7	100.3	113.0
75°	86.6	77.9	75.7	73.9	73.4	73.0	73.4	73.9	75.7	77.9	86.6
77.5°	63.7	58.2	57.1	56.1	55.6	55.2	55.6	56.1	57.1	58.2	63.7
80°	49.3	45.8	45.3	44.9	44.4	44.0	44.4	44.9	45.3	45.8	49.3
82.5°	36.5	34.6	34.1	33.6	32.8	32.0	32.8	33.6	34.1	34.6	36.5
85°	19.4	18.1	16.3	14.7	13.3	12.0	13.3	14.7	16.3	18.1	19.4
87.5°	8.7	9.0	10.1	10.6	11.4	11.0	11.4	10.6	10.1	9.0	8.7
90°	23.0	30.0	37.0	41.0	45.0	43.0	45.0	41.0	37.0	30.0	23.0
92.5°	46.2	57.9	66.5	73.7	76.9	76.5	76.9	73.7	66.5	57.9	46.2
95°	92.9	106.9	120.9	130.9	136.9	134.9	136.9	130.9	120.9	106.9	92.9
97.5°	143.3	162.0	177.6	187.0	193.0	197.0	193.0	187.0	177.6	162.0	143.3
100°	176.8	194.8	212.8	223.8	233.8	237.8	233.8	223.8	212.8	194.8	176.8
102.5°	204.0	227.6	247.1	258.9	267.3	271.3	267.3	258.9	247.1	227.6	204.0
105°	248.7	273.7	294.7	309.7	318.7	321.7	318.7	309.7	294.7	273.7	248.7
107.5°	293.5	319.3	338.7	355.2	366.2	372.6	366.2	355.2	338.7	319.3	293.5
110°	328.7	349.6	370.6	385.6	396.6	400.6	396.6	385.6	370.6	349.6	328.7



TEST NUMBER: P1428063

CATALOG NUMBER: SQ2W-PP3-K-075U-050D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
112.5°	358.2	381.6	402.6	417.6	430.2	435.8	430.2	417.6	402.6	381.6	358.2
115°	399.6	430.6	449.5	463.5	472.5	477.5	472.5	463.5	449.5	430.6	399.6
117.5°	434.0	466.3	487.1	497.9	502.1	505.7	502.1	497.9	487.1	466.3	434.0
120°	455.5	485.5	509.5	523.5	528.5	530.5	528.5	523.5	509.5	485.5	455.5
122.5°	475.5	503.9	527.1	544.2	552.4	554.4	552.4	544.2	527.1	503.9	475.5
125°	503.5	530.5	554.4	571.4	580.4	585.4	580.4	571.4	554.4	530.5	503.5
127.5°	527.9	557.0	579.0	594.4	603.2	607.2	603.2	594.4	579.0	557.0	527.9
130°	541.4	571.4	593.4	610.4	618.4	622.4	618.4	610.4	593.4	571.4	541.4
132.5°	551.8	583.4	606.2	621.6	630.3	634.3	630.3	621.6	606.2	583.4	551.8
135°	564.4	597.4	621.4	636.3	644.3	648.3	644.3	636.3	621.4	597.4	564.4
137.5°	575.4	605.4	630.3	646.1	653.3	655.9	653.3	646.1	630.3	605.4	575.4
140°	583.4	609.4	634.3	649.3	657.3	658.3	657.3	649.3	634.3	609.4	583.4
142.5°	593.8	614.2	635.9	650.9	658.9	660.7	658.9	650.9	635.9	614.2	593.8
145°	612.4	624.4	639.3	653.3	660.3	662.3	660.3	653.3	639.3	624.4	612.4
147.5°	635.7	639.5	647.3	656.5	663.3	664.7	663.3	656.5	647.3	639.5	635.7
150°	653.3	652.3	655.3	661.3	667.3	666.3	667.3	661.3	655.3	652.3	653.3
152.5°	673.3	667.5	667.3	670.1	672.9	672.7	672.9	670.1	667.3	667.5	673.3
155°	707.3	696.3	690.3	688.3	688.3	687.3	688.3	688.3	690.3	696.3	707.3
157.5°	744.6	729.2	720.3	715.5	714.1	711.9	714.1	715.5	720.3	729.2	744.6
160°	770.2	753.2	744.2	736.2	733.2	730.2	733.2	736.2	744.2	753.2	770.2
162.5°	794.2	778.0	768.2	761.0	758.0	753.4	758.0	761.0	768.2	778.0	794.2
165°	833.1	816.2	805.2	799.2	795.2	791.2	795.2	799.2	805.2	816.2	833.1
167.5°	872.1	853.5	846.3	839.5	835.7	828.5	835.7	839.5	846.3	853.5	872.1
170°	896.1	879.1	875.1	869.1	862.1	854.1	862.1	869.1	875.1	879.1	896.1
172.5°	916.9	905.5	901.5	895.5	893.3	886.9	893.3	895.5	901.5	905.5	916.9
175°	947.0	938.0	938.0	937.0	934.0	928.0	934.0	937.0	938.0	938.0	947.0
177.5°	972.2	967.4	970.6	970.6	969.8	964.2	969.8	970.6	970.6	967.4	972.2
180°	989.0	989.0	989.0	989.0	989.0	989.0	989.0	989.0	989.0	989.0	989.0



TEST NUMBER: P1428063

CATALOG NUMBER: SQ2W-PP3-K-075U-050D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
0°	946.0	946.0	946.0	946.0
2.5°	949.5	950.9	944.9	938.8
5°	949.0	950.1	942.6	935.0
7.5°	945.9	946.9	939.1	931.4
10°	941.3	942.3	935.7	929.0
12.5°	933.6	934.4	928.1	921.8
15°	920.7	920.6	914.8	909.0
17.5°	907.3	905.7	898.6	891.6
20°	897.7	894.9	886.5	878.0
22.5°	887.0	883.3	873.5	863.6
25°	868.7	861.6	851.8	842.0
27.5°	848.4	836.2	826.5	816.8
30°	832.7	818.7	809.3	800.0
32.5°	813.5	798.6	788.9	779.2
35°	782.0	764.7	755.3	746.0
37.5°	748.4	729.0	718.4	707.8
40°	726.0	706.6	692.8	679.0
42.5°	702.0	686.4	668.7	651.0
45°	659.3	649.8	628.9	608.0
47.5°	600.8	603.4	582.8	562.2
50°	556.0	570.1	550.6	531.0
52.5°	509.3	530.6	513.2	495.8
55°	441.7	465.0	453.0	441.0
57.5°	373.5	391.9	383.4	375.0
60°	327.7	344.3	337.7	331.0
62.5°	285.5	302.9	297.0	291.0
65°	229.3	247.6	241.8	236.0
67.5°	183.3	200.4	194.1	187.8
70°	156.3	172.3	165.7	159.0
72.5°	133.7	147.6	141.3	135.0
75°	101.7	111.8	106.9	102.0
77.5°	73.6	80.2	77.1	74.0
80°	56.0	60.7	59.3	58.0
82.5°	40.0	42.7	43.2	43.6
85°	20.3	21.2	22.1	23.0
87.5°	9.5	9.4	8.6	7.8
90°	18.0	11.0	7.0	3.0
92.5°	38.8	27.0	19.0	11.0
95°	77.9	61.9	44.0	31.0
97.5°	124.1	98.3	80.5	59.1
100°	148.8	123.9	106.9	83.9
102.5°	176.0	155.0	131.7	108.7
105°	224.8	198.8	171.8	145.8
107.5°	269.9	241.4	209.0	185.6
110°	298.7	267.7	233.8	212.8



TEST NUMBER: P1428063

CATALOG NUMBER: SQ2W-PP3-K-075U-050D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
112.5°	326.7	294.9	260.1	239.2
115°	364.6	329.7	297.7	279.7
117.5°	401.2	365.2	331.5	317.3
120°	423.6	387.6	354.6	343.6
122.5°	441.9	406.8	376.2	371.6
125°	469.5	433.6	407.6	413.6
127.5°	491.9	458.9	442.5	455.9
130°	505.5	476.5	466.5	485.5
132.5°	517.5	494.9	490.5	516.7
135°	535.4	522.5	526.5	562.4
137.5°	556.8	551.8	565.2	610.6
140°	570.4	573.4	592.4	643.3
142.5°	588.8	595.8	620.4	674.5
145°	617.4	632.3	664.3	718.3
147.5°	649.7	669.1	708.7	764.0
150°	671.3	696.3	738.2	791.2
152.5°	696.1	721.9	763.8	817.6
155°	734.2	763.2	807.2	853.1
157.5°	773.2	802.8	844.7	884.9
160°	797.2	829.1	867.1	904.1
162.5°	824.3	853.9	887.1	920.1
165°	864.1	888.1	915.1	943.0
167.5°	897.5	917.5	938.6	960.4
170°	919.1	935.0	953.0	970.0
172.5°	937.4	950.2	963.4	978.0
175°	962.0	969.0	977.0	986.0
177.5°	981.0	983.4	985.8	989.8
180°	989.0	989.0	989.0	989.0



TEST NUMBER: P1428063
 CATALOG NUMBER: SQ2W-PP3-K-075U-050D-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	16.46	17.26	17.47	18.27	19.61	12.23	13.03	13.24	14.04	15.38
	3H	17.52	18.23	18.53	19.24	20.61	13.54	14.25	14.55	15.27	16.63
	4H	17.88	18.55	18.91	19.58	20.94	14.09	14.76	15.12	15.78	17.15
	6H	18.07	18.69	19.11	19.72	21.10	14.45	15.07	15.49	16.09	17.47
	8H	18.13	18.72	19.18	19.76	21.14	14.58	15.16	15.62	16.21	17.58
	12H	18.15	18.71	19.20	19.75	21.15	14.61	15.17	15.66	16.20	17.60
4H	2H	16.57	17.24	17.61	18.26	19.63	13.14	13.81	14.17	14.83	16.20
	3H	17.86	18.42	18.90	19.47	20.85	14.55	15.11	15.59	16.16	17.54
	4H	18.37	18.87	19.41	19.92	21.32	15.17	15.68	16.22	16.72	18.12
	6H	18.68	19.11	19.74	20.18	21.58	15.61	16.05	16.67	17.11	18.51
	8H	18.79	19.19	19.84	20.25	21.67	15.78	16.19	16.84	17.24	18.66
	12H	18.83	19.20	19.90	20.27	21.69	15.83	16.19	16.90	17.27	18.69
8H	4H	18.38	18.79	19.44	19.84	21.26	15.47	15.88	16.53	16.94	18.35
	6H	18.79	19.13	19.87	20.23	21.64	16.03	16.37	17.11	17.47	18.88
	8H	18.97	19.27	20.06	20.35	21.78	16.28	16.57	17.37	17.66	19.09
	12H	19.07	19.33	20.16	20.40	21.88	16.38	16.64	17.47	17.71	19.19
12H	4H	18.34	18.70	19.41	19.78	21.20	15.48	15.85	16.56	16.92	18.34
	6H	18.78	19.08	19.87	20.16	21.59	16.10	16.39	17.18	17.47	18.91
	8H	18.98	19.24	20.07	20.31	21.79	16.37	16.63	17.46	17.71	19.18