

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: P1427989

Luminaire Tested: SQ2W-PP3-0U-050D-L840-UNV-STD-W-WM-4

Issue Date: 3/10/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1427989  
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-PP3-0U-050D-L840-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 N/A - DIRECT ONLY  
Light Source: 4000K CCT, 80 CRI LEDS  
Ballast/Driver: -

**Summary**

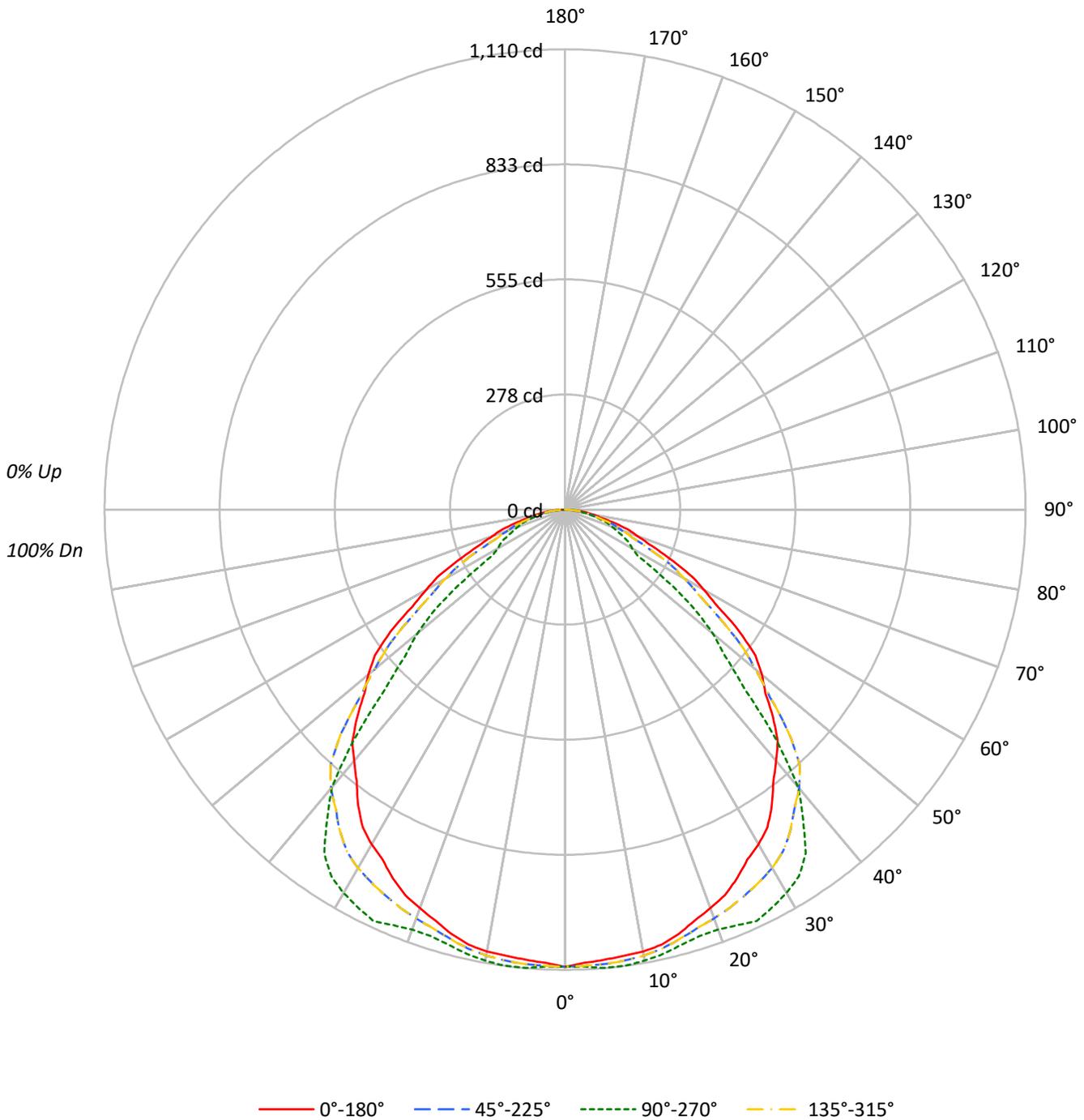
Lumens per Lamp: N/A  
Luminaire Lumens: 2776.6 lumens  
Efficiency: N/A  
Efficacy: 156.0 lumens/watt  
Spacing Criteria (0/90/45): 1.26 / 1.41 / 1.4  
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')  
CIE Type: Direct

Input Watts (W): 17.8  
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

TEST NUMBER: P1427989

CATALOG NUMBER: SQ2W-PP3-0U-050D-L840-UNV-STD-W-WM-4

### Luminous Intensity Polar Plot





TEST NUMBER: P1427989

CATALOG NUMBER: SQ2W-PP3-OU-050D-L840-UNV-STD-W-WM-4

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	110	106	102	99	107	104	100	97	99	97	94	96	93	91	92	90	89	87
2	101	94	88	82	99	92	86	81	88	84	80	85	81	78	82	79	76	74
3	93	83	76	70	91	82	75	69	79	73	68	76	71	67	74	69	66	64
4	86	74	66	60	83	73	66	60	71	64	59	68	63	58	66	61	57	55
5	79	67	59	52	77	66	58	52	64	57	52	62	56	51	60	55	50	48
6	73	61	52	46	71	60	52	46	58	51	46	56	50	45	55	49	45	43
7	68	55	47	41	66	54	46	41	53	46	41	51	45	40	50	44	40	38
8	63	50	42	37	62	50	42	37	48	41	36	47	41	36	46	40	36	34
9	59	46	38	33	58	46	38	33	45	38	33	44	37	33	43	37	33	31
10	56	43	35	30	54	42	35	30	41	35	30	40	34	30	40	34	30	28

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	17800	17800	17800	17800
5°	17661	17982	17661	17982
10°	17750	18113	17750	18113
15°	17708	18156	17708	18156
20°	17580	18522	17580	18522
25°	17482	19495	17482	19495
30°	17381	19902	17381	19902
35°	17136	19939	17136	19939
40°	16678	18423	16678	18423
45°	16180	14024	16180	14024
50°	15543	11680	15543	11680
55°	14466	8397	14466	8397
60°	12458	6022	12458	6022
65°	10506	5922	10506	5922
70°	8747	5665	8747	5665
75°	7417	5309	7417	5309
80°	6285	4770	6285	4770
85°	4965	2593	4965	2593

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 40°  
 Vertical Angle: 45°  
 Luminance: 17698 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	105.0	3.8
10°-20°	303.8	10.9
20°-30°	476.0	17.1
30°-40°	587.2	21.1
40°-50°	552.8	19.9
50°-60°	391.4	14.1
60°-70°	223.0	8.0
70°-80°	110.4	4.0
80°-90°	27.0	1.0
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	884.8	31.9
0°-40°	1471.9	53.0
0°-60°	2416.1	87.0
0°-90°	2776.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2776.6	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1102	1102	1102	1102	1102	
5°	1090	1110	1090	1110	1090	104
15°	1059	1086	1059	1086	1059	299
25°	981	1094	981	1094	981	452
35°	869	1012	869	1012	869	542
45°	709	614	709	614	709	545
55°	514	298	514	298	514	453
65°	275	155	275	155	275	276
75°	119	85	119	85	119	129
85°	27	14	27	14	27	33
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
0°	1102.5	1102.5	1102.5	1102.5	1102.5	1102.5	1102.5	1102.5	1102.5	1102.5	1102.5
2.5°	1094.1	1101.1	1108.2	1106.5	1102.0	1100.1	1100.9	1101.8	1102.6	1103.4	1102.6
5°	1089.7	1098.5	1107.3	1106.0	1101.3	1099.5	1100.5	1102.2	1105.8	1109.5	1105.8
7.5°	1085.5	1094.5	1103.5	1102.3	1097.8	1096.4	1098.1	1100.6	1105.0	1109.5	1105.0
10°	1082.7	1090.4	1098.2	1097.0	1092.9	1092.1	1094.7	1097.6	1101.2	1104.8	1101.2
12.5°	1074.3	1081.6	1089.0	1088.0	1084.3	1084.1	1087.6	1090.9	1094.1	1097.4	1094.1
15°	1059.4	1066.1	1072.8	1073.0	1070.9	1072.2	1076.8	1081.0	1083.6	1086.2	1083.6
17.5°	1039.1	1047.3	1055.4	1057.3	1057.1	1060.3	1067.0	1072.6	1075.3	1078.0	1075.3
20°	1023.2	1033.1	1042.9	1046.2	1047.2	1051.8	1060.1	1067.6	1072.8	1078.0	1072.8
22.5°	1006.4	1017.9	1029.4	1033.7	1035.6	1042.7	1055.2	1066.7	1075.6	1084.5	1075.6
25°	981.3	992.7	1004.1	1012.4	1019.6	1032.3	1050.4	1067.4	1080.9	1094.3	1080.9
27.5°	951.9	963.2	974.5	988.7	1004.0	1021.8	1042.2	1060.2	1070.8	1081.5	1070.8
30°	932.3	943.2	954.1	970.4	988.5	1008.2	1029.4	1047.8	1057.7	1067.5	1057.7
32.5°	908.1	919.4	930.7	948.0	967.4	988.5	1011.4	1030.8	1039.9	1048.9	1039.9
35°	869.4	880.3	891.2	911.4	934.7	958.2	982.1	1001.2	1006.4	1011.6	1006.4
37.5°	824.9	837.2	849.5	872.2	898.3	918.0	931.4	941.5	941.8	942.1	941.8
40°	791.3	807.4	823.4	846.1	871.0	884.7	887.3	887.5	880.8	874.1	880.8
42.5°	758.7	779.3	799.9	818.1	835.5	839.1	828.8	813.7	783.7	753.8	783.7
45°	708.6	732.9	757.3	768.4	775.1	752.3	700.0	655.6	634.9	614.2	634.9
47.5°	655.2	679.2	703.3	700.2	688.1	653.6	596.7	550.5	536.2	521.9	536.2
50°	618.8	641.6	664.4	648.0	618.4	579.6	531.4	491.9	478.5	465.0	478.5
52.5°	577.8	598.1	618.4	593.6	553.7	512.8	470.8	434.2	413.7	393.2	413.7
55°	513.9	527.9	541.9	514.7	473.8	428.7	379.5	337.7	318.0	298.3	318.0
57.5°	437.0	446.9	456.7	435.3	403.5	358.7	300.9	252.0	230.0	207.9	230.0
60°	385.8	393.5	401.3	381.9	353.4	310.6	253.7	208.2	197.3	186.5	197.3
62.5°	339.1	346.1	353.0	332.8	303.4	265.3	218.2	182.0	178.2	174.3	178.2
65°	275.0	281.8	288.5	267.3	236.7	206.9	177.9	156.0	155.5	155.0	155.5
67.5°	218.9	226.2	233.6	213.6	184.5	162.5	147.5	136.2	135.6	135.0	135.6
70°	185.3	193.1	200.8	182.2	154.7	136.9	128.6	122.1	121.1	120.0	121.1
72.5°	157.3	164.7	172.0	155.8	131.6	116.9	111.5	107.3	106.7	106.1	106.7
75°	118.9	124.6	130.3	118.5	100.9	90.8	88.2	86.1	85.6	85.1	85.6
77.5°	86.2	89.9	93.5	85.8	74.3	67.9	66.5	65.4	64.8	64.3	64.8
80°	67.6	69.1	70.7	65.3	57.5	53.3	52.8	52.3	51.8	51.3	51.8
82.5°	50.8	50.3	49.8	46.6	42.6	40.3	39.8	39.2	38.2	37.3	38.2
85°	26.8	25.8	24.7	23.7	22.7	21.1	19.0	17.1	15.5	14.0	15.5
87.5°	8.4	8.4	8.4	6.8	4.8	3.5	3.1	2.8	2.8	2.8	2.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
0°	1102.5	1102.5	1102.5	1102.5	1102.5	1102.5	1102.5	1102.5	1102.5	1102.5	1102.5
2.5°	1101.8	1100.9	1100.1	1102.0	1106.5	1108.2	1101.1	1094.1	1101.1	1108.2	1106.5
5°	1102.2	1100.5	1099.5	1101.3	1106.0	1107.3	1098.5	1089.7	1098.5	1107.3	1106.0
7.5°	1100.6	1098.1	1096.4	1097.8	1102.3	1103.5	1094.5	1085.5	1094.5	1103.5	1102.3
10°	1097.6	1094.7	1092.1	1092.9	1097.0	1098.2	1090.4	1082.7	1090.4	1098.2	1097.0
12.5°	1090.9	1087.6	1084.1	1084.3	1088.0	1089.0	1081.6	1074.3	1081.6	1089.0	1088.0
15°	1081.0	1076.8	1072.2	1070.9	1073.0	1072.8	1066.1	1059.4	1066.1	1072.8	1073.0
17.5°	1072.6	1067.0	1060.3	1057.1	1057.3	1055.4	1047.3	1039.1	1047.3	1055.4	1057.3
20°	1067.6	1060.1	1051.8	1047.2	1046.2	1042.9	1033.1	1023.2	1033.1	1042.9	1046.2
22.5°	1066.7	1055.2	1042.7	1035.6	1033.7	1029.4	1017.9	1006.4	1017.9	1029.4	1033.7
25°	1067.4	1050.4	1032.3	1019.6	1012.4	1004.1	992.7	981.3	992.7	1004.1	1012.4
27.5°	1060.2	1042.2	1021.8	1004.0	988.7	974.5	963.2	951.9	963.2	974.5	988.7
30°	1047.8	1029.4	1008.2	988.5	970.4	954.1	943.2	932.3	943.2	954.1	970.4
32.5°	1030.8	1011.4	988.5	967.4	948.0	930.7	919.4	908.1	919.4	930.7	948.0
35°	1001.2	982.1	958.2	934.7	911.4	891.2	880.3	869.4	880.3	891.2	911.4
37.5°	941.5	931.4	918.0	898.3	872.2	849.5	837.2	824.9	837.2	849.5	872.2
40°	887.5	887.3	884.7	871.0	846.1	823.4	807.4	791.3	807.4	823.4	846.1
42.5°	813.7	828.8	839.1	835.5	818.1	799.9	779.3	758.7	779.3	799.9	818.1
45°	655.6	700.0	752.3	775.1	768.4	757.3	732.9	708.6	732.9	757.3	768.4
47.5°	550.5	596.7	653.6	688.1	700.2	703.3	679.2	655.2	679.2	703.3	700.2
50°	491.9	531.4	579.6	618.4	648.0	664.4	641.6	618.8	641.6	664.4	648.0
52.5°	434.2	470.8	512.8	553.7	593.6	618.4	598.1	577.8	598.1	618.4	593.6
55°	337.7	379.5	428.7	473.8	514.7	541.9	527.9	513.9	527.9	541.9	514.7
57.5°	252.0	300.9	358.7	403.5	435.3	456.7	446.9	437.0	446.9	456.7	435.3
60°	208.2	253.7	310.6	353.4	381.9	401.3	393.5	385.8	393.5	401.3	381.9
62.5°	182.0	218.2	265.3	303.4	332.8	353.0	346.1	339.1	346.1	353.0	332.8
65°	156.0	177.9	206.9	236.7	267.3	288.5	281.8	275.0	281.8	288.5	267.3
67.5°	136.2	147.5	162.5	184.5	213.6	233.6	226.2	218.9	226.2	233.6	213.6
70°	122.1	128.6	136.9	154.7	182.2	200.8	193.1	185.3	193.1	200.8	182.2
72.5°	107.3	111.5	116.9	131.6	155.8	172.0	164.7	157.3	164.7	172.0	155.8
75°	86.1	88.2	90.8	100.9	118.5	130.3	124.6	118.9	124.6	130.3	118.5
77.5°	65.4	66.5	67.9	74.3	85.8	93.5	89.9	86.2	89.9	93.5	85.8
80°	52.3	52.8	53.3	57.5	65.3	70.7	69.1	67.6	69.1	70.7	65.3
82.5°	39.2	39.8	40.3	42.6	46.6	49.8	50.3	50.8	50.3	49.8	46.6
85°	17.1	19.0	21.1	22.7	23.7	24.7	25.8	26.8	25.8	24.7	23.7
87.5°	2.8	3.1	3.5	4.8	6.8	8.4	8.4	8.4	8.4	8.4	6.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
0°	1102.5	1102.5	1102.5	1102.5	1102.5	1102.5	1102.5	1102.5	1102.5	1102.5	1102.5
2.5°	1102.0	1100.1	1100.9	1101.8	1102.6	1103.4	1102.6	1101.8	1100.9	1100.1	1102.0
5°	1101.3	1099.5	1100.5	1102.2	1105.8	1109.5	1105.8	1102.2	1100.5	1099.5	1101.3
7.5°	1097.8	1096.4	1098.1	1100.6	1105.0	1109.5	1105.0	1100.6	1098.1	1096.4	1097.8
10°	1092.9	1092.1	1094.7	1097.6	1101.2	1104.8	1101.2	1097.6	1094.7	1092.1	1092.9
12.5°	1084.3	1084.1	1087.6	1090.9	1094.1	1097.4	1094.1	1090.9	1087.6	1084.1	1084.3
15°	1070.9	1072.2	1076.8	1081.0	1083.6	1086.2	1083.6	1081.0	1076.8	1072.2	1070.9
17.5°	1057.1	1060.3	1067.0	1072.6	1075.3	1078.0	1075.3	1072.6	1067.0	1060.3	1057.1
20°	1047.2	1051.8	1060.1	1067.6	1072.8	1078.0	1072.8	1067.6	1060.1	1051.8	1047.2
22.5°	1035.6	1042.7	1055.2	1066.7	1075.6	1084.5	1075.6	1066.7	1055.2	1042.7	1035.6
25°	1019.6	1032.3	1050.4	1067.4	1080.9	1094.3	1080.9	1067.4	1050.4	1032.3	1019.6
27.5°	1004.0	1021.8	1042.2	1060.2	1070.8	1081.5	1070.8	1060.2	1042.2	1021.8	1004.0
30°	988.5	1008.2	1029.4	1047.8	1057.7	1067.5	1057.7	1047.8	1029.4	1008.2	988.5
32.5°	967.4	988.5	1011.4	1030.8	1039.9	1048.9	1039.9	1030.8	1011.4	988.5	967.4
35°	934.7	958.2	982.1	1001.2	1006.4	1011.6	1006.4	1001.2	982.1	958.2	934.7
37.5°	898.3	918.0	931.4	941.5	941.8	942.1	941.8	941.5	931.4	918.0	898.3
40°	871.0	884.7	887.3	887.5	880.8	874.1	880.8	887.5	887.3	884.7	871.0
42.5°	835.5	839.1	828.8	813.7	783.7	753.8	783.7	813.7	828.8	839.1	835.5
45°	775.1	752.3	700.0	655.6	634.9	614.2	634.9	655.6	700.0	752.3	775.1
47.5°	688.1	653.6	596.7	550.5	536.2	521.9	536.2	550.5	596.7	653.6	688.1
50°	618.4	579.6	531.4	491.9	478.5	465.0	478.5	491.9	531.4	579.6	618.4
52.5°	553.7	512.8	470.8	434.2	413.7	393.2	413.7	434.2	470.8	512.8	553.7
55°	473.8	428.7	379.5	337.7	318.0	298.3	318.0	337.7	379.5	428.7	473.8
57.5°	403.5	358.7	300.9	252.0	230.0	207.9	230.0	252.0	300.9	358.7	403.5
60°	353.4	310.6	253.7	208.2	197.3	186.5	197.3	208.2	253.7	310.6	353.4
62.5°	303.4	265.3	218.2	182.0	178.2	174.3	178.2	182.0	218.2	265.3	303.4
65°	236.7	206.9	177.9	156.0	155.5	155.0	155.5	156.0	177.9	206.9	236.7
67.5°	184.5	162.5	147.5	136.2	135.6	135.0	135.6	136.2	147.5	162.5	184.5
70°	154.7	136.9	128.6	122.1	121.1	120.0	121.1	122.1	128.6	136.9	154.7
72.5°	131.6	116.9	111.5	107.3	106.7	106.1	106.7	107.3	111.5	116.9	131.6
75°	100.9	90.8	88.2	86.1	85.6	85.1	85.6	86.1	88.2	90.8	100.9
77.5°	74.3	67.9	66.5	65.4	64.8	64.3	64.8	65.4	66.5	67.9	74.3
80°	57.5	53.3	52.8	52.3	51.8	51.3	51.8	52.3	52.8	53.3	57.5
82.5°	42.6	40.3	39.8	39.2	38.2	37.3	38.2	39.2	39.8	40.3	42.6
85°	22.7	21.1	19.0	17.1	15.5	14.0	15.5	17.1	19.0	21.1	22.7
87.5°	4.8	3.5	3.1	2.8	2.8	2.8	2.8	2.8	3.1	3.5	4.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P1427989

CATALOG NUMBER: SQ2W-PP3-OU-050D-L840-UNV-STD-W-WM-4

**CANDELA DISTRIBUTION (continued):**

	330°	340°	350°	360°
0°	1102.5	1102.5	1102.5	1102.5
2.5°	1106.5	1108.2	1101.1	1094.1
5°	1106.0	1107.3	1098.5	1089.7
7.5°	1102.3	1103.5	1094.5	1085.5
10°	1097.0	1098.2	1090.4	1082.7
12.5°	1088.0	1089.0	1081.6	1074.3
15°	1073.0	1072.8	1066.1	1059.4
17.5°	1057.3	1055.4	1047.3	1039.1
20°	1046.2	1042.9	1033.1	1023.2
22.5°	1033.7	1029.4	1017.9	1006.4
25°	1012.4	1004.1	992.7	981.3
27.5°	988.7	974.5	963.2	951.9
30°	970.4	954.1	943.2	932.3
32.5°	948.0	930.7	919.4	908.1
35°	911.4	891.2	880.3	869.4
37.5°	872.2	849.5	837.2	824.9
40°	846.1	823.4	807.4	791.3
42.5°	818.1	799.9	779.3	758.7
45°	768.4	757.3	732.9	708.6
47.5°	700.2	703.3	679.2	655.2
50°	648.0	664.4	641.6	618.8
52.5°	593.6	618.4	598.1	577.8
55°	514.7	541.9	527.9	513.9
57.5°	435.3	456.7	446.9	437.0
60°	381.9	401.3	393.5	385.8
62.5°	332.8	353.0	346.1	339.1
65°	267.3	288.5	281.8	275.0
67.5°	213.6	233.6	226.2	218.9
70°	182.2	200.8	193.1	185.3
72.5°	155.8	172.0	164.7	157.3
75°	118.5	130.3	124.6	118.9
77.5°	85.8	93.5	89.9	86.2
80°	65.3	70.7	69.1	67.6
82.5°	46.6	49.8	50.3	50.8
85°	23.7	24.7	25.8	26.8
87.5°	6.8	8.4	8.4	8.4
90°	0.0	0.0	0.0	0.0



TEST NUMBER: P1427989  
 CATALOG NUMBER: SQ2W-PP3-OU-050D-L840-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	21.36	22.88	21.72	23.20	23.51	17.13	18.65	17.49	18.97	19.28
	3H	22.47	23.83	22.85	24.16	24.52	18.49	19.85	18.87	20.18	20.54
	4H	22.87	24.15	23.27	24.49	24.87	19.08	20.35	19.48	20.70	21.08
	6H	23.09	24.27	23.51	24.64	25.03	19.47	20.65	19.89	21.02	21.41
	8H	23.17	24.30	23.60	24.69	25.09	19.62	20.74	20.05	21.13	21.53
	12H	23.22	24.29	23.65	24.67	25.10	19.68	20.75	20.11	21.13	21.56
4H	2H	21.56	22.84	21.96	23.18	23.56	18.12	19.40	18.52	19.74	20.12
	3H	22.91	23.97	23.32	24.37	24.77	19.60	20.66	20.01	21.06	21.46
	4H	23.45	24.39	23.88	24.81	25.25	20.25	21.20	20.68	21.61	22.05
	6H	23.80	24.62	24.25	25.06	25.52	20.73	21.55	21.19	21.99	22.45
	8H	23.92	24.68	24.38	25.13	25.60	20.91	21.68	21.37	22.12	22.59
	12H	23.99	24.68	24.47	25.15	25.63	20.99	21.68	21.47	22.15	22.63
8H	4H	23.51	24.28	23.97	24.72	25.19	20.60	21.37	21.07	21.82	22.28
	6H	23.95	24.58	24.44	25.07	25.55	21.19	21.82	21.68	22.31	22.79
	8H	24.13	24.70	24.64	25.21	25.70	21.43	22.01	21.95	22.52	23.00
	12H	24.25	24.76	24.76	25.25	25.81	21.56	22.07	22.07	22.56	23.12
12H	4H	23.50	24.19	23.98	24.66	25.14	20.65	21.33	21.13	21.81	22.28
	6H	23.94	24.51	24.45	25.02	25.51	21.25	21.82	21.77	22.33	22.82
	8H	24.16	24.67	24.67	25.16	25.73	21.55	22.06	22.06	22.55	23.12