

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: P1428069

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

Issue Date: 3/10/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1428069  
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-075D-L935-UNV-STD-W-WM-4  
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE  
DOWNLIGHT - PERCEIVE PRISM LENS  
UPLIGHT - ASYMMETRIC ROLL LENS  
DOWNLIGHT 750 LUMENS PER FOOT  
UPLIGHT 750 LUMENS PER FOOT  
Light Source: 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

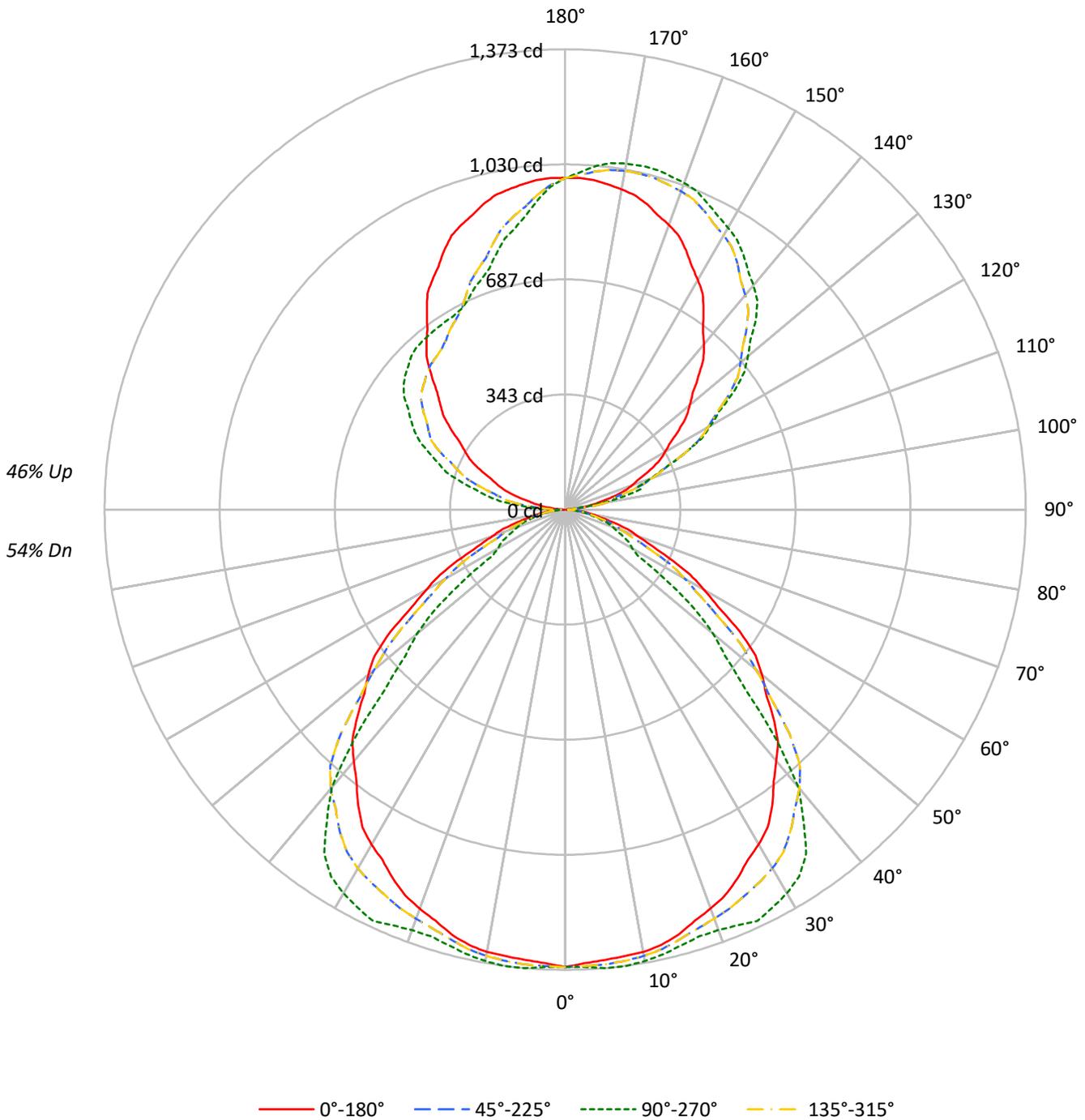
Lumens per Lamp: N/A  
Luminaire Lumens: 6328.7 lumens  
Efficiency: N/A  
Efficacy: 125.8 lumens/watt  
Spacing Criteria (0/90/45): 1.26 / 1.41 / 1.4  
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')  
CIE Type: General Diffuse

Input Watts (W): 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

TEST NUMBER: P1428069

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

### Luminous Intensity Polar Plot





TEST NUMBER: P1428069

CATALOG NUMBER: SQ2W-PP3-K-075U-075D-L935-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	50	30	10	0	
RCR																						
0	108	108	108	108	100	100	100	100	86	86	86	72	72	72	60	60	60	54	54	54	54	
1	99	95	92	88	92	89	85	83	76	74	72	65	63	62	54	53	52	47	47	47	47	
2	91	84	78	73	84	78	73	69	67	64	60	57	55	52	48	46	45	40	40	40	40	
3	83	74	67	61	77	69	63	58	60	55	51	51	48	45	43	41	38	35	35	35	35	
4	76	66	58	52	71	62	55	49	53	48	44	46	42	39	39	36	34	30	30	30	30	
5	70	59	51	45	65	55	48	43	48	42	38	41	37	34	35	32	29	26	26	26	26	
6	65	53	45	39	60	50	42	37	43	38	33	37	33	30	32	29	26	23	23	23	23	
7	60	48	40	35	56	45	38	33	39	34	30	34	30	26	29	26	23	21	21	21	21	
8	56	43	36	31	52	41	34	29	36	30	26	31	27	24	27	23	21	19	19	19	19	
9	52	40	32	27	48	37	31	26	33	27	24	29	24	21	25	21	19	17	17	17	17	
10	48	36	29	25	45	34	28	23	30	25	21	27	22	19	23	20	17	15	15	15	15	

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

	0°	90°	180°	270°
0°	22034	22034	22034	22034
5°	21860	22257	21860	22257
10°	21972	22421	21972	22421
15°	21919	22473	21919	22473
20°	21762	22927	21762	22927
25°	21639	24132	21639	24132
30°	21516	24635	21516	24635
35°	21212	24681	21212	24681
40°	20644	22803	20644	22803
45°	20027	17358	20027	17358
50°	19240	14458	19240	14458
55°	17908	10395	17908	10395
60°	15419	7453	15419	7453
65°	13005	7331	13005	7331
70°	10829	7015	10829	7015
75°	9176	6569	9176	6569
80°	7782	5904	7782	5904
85°	6150	3205	6150	3205

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 40°  
 Vertical Angle: 45°  
 Luminance: 21909 cd/sqm



TEST NUMBER: P1428069

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

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	129.9	2.1
10°-20°	376.1	5.9
20°-30°	589.2	9.3
30°-40°	726.8	11.5
40°-50°	684.3	10.8
50°-60°	484.5	7.7
60°-70°	276.1	4.4
70°-80°	136.7	2.2
80°-90°	37.5	0.6
90°-100°	78.7	1.2
100°-110°	229.5	3.6
110°-120°	374.6	5.9
120°-130°	475.3	7.5
130°-140°	508.6	8.0
140°-150°	474.9	7.5
150°-160°	390.8	6.2
160°-170°	262.1	4.1
170°-180°	93.1	1.5
0°-30°	1095.2	17.3
0°-40°	1822.0	28.8
0°-60°	2990.8	47.3
0°-90°	3441.0	54.4
90°-120°	682.8	10.8
90°-150°	2141.7	33.8
90°-180°	2888.0	45.6
0°-180°	6328.7	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1365	1365	1365	1365	1365	
5°	1349	1373	1349	1373	1349	128
15°	1311	1344	1311	1344	1311	370
25°	1215	1355	1215	1355	1215	559
35°	1076	1252	1076	1252	1076	671
45°	877	760	877	760	877	675
55°	636	369	636	369	636	561
65°	340	192	340	192	340	342
75°	147	105	147	105	147	159
85°	33	17	33	17	33	39
90°	3	22	3	43	3	4
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	



TEST NUMBER: P1428069

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

**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
0°	1364.7	1364.7	1364.7	1364.7	1364.7	1364.7	1364.7	1364.7	1364.7	1364.7	1364.7
2.5°	1354.3	1363.0	1371.7	1369.7	1364.0	1361.7	1362.8	1363.8	1364.8	1365.8	1364.8
5°	1348.8	1359.7	1370.6	1369.0	1363.2	1361.0	1362.3	1364.4	1368.8	1373.3	1368.8
7.5°	1343.6	1354.8	1365.9	1364.5	1358.8	1357.1	1359.3	1362.3	1367.8	1373.3	1367.8
10°	1340.2	1349.8	1359.4	1357.9	1352.8	1351.9	1355.1	1358.6	1363.1	1367.6	1363.1
12.5°	1329.8	1338.9	1348.0	1346.8	1342.2	1342.0	1346.2	1350.4	1354.4	1358.3	1354.4
15°	1311.3	1319.6	1328.0	1328.1	1325.6	1327.2	1332.9	1338.1	1341.3	1344.5	1341.3
17.5°	1286.2	1296.3	1306.5	1308.8	1308.5	1312.5	1320.7	1327.7	1331.1	1334.4	1331.1
20°	1266.6	1278.8	1290.9	1295.0	1296.2	1302.0	1312.3	1321.6	1328.0	1334.4	1328.0
22.5°	1245.8	1260.0	1274.3	1279.6	1281.9	1290.7	1306.1	1320.4	1331.4	1342.5	1331.4
25°	1214.7	1228.8	1242.9	1253.1	1262.1	1277.8	1300.2	1321.2	1337.9	1354.6	1337.9
27.5°	1178.3	1192.3	1206.3	1223.9	1242.7	1264.8	1290.1	1312.3	1325.5	1338.7	1325.5
30°	1154.1	1167.5	1181.0	1201.2	1223.6	1248.0	1274.3	1297.0	1309.2	1321.4	1309.2
32.5°	1124.1	1138.0	1152.0	1173.5	1197.5	1223.6	1252.0	1276.0	1287.2	1298.3	1287.2
35°	1076.2	1089.6	1103.1	1128.1	1156.9	1186.1	1215.6	1239.3	1245.7	1252.2	1245.7
37.5°	1021.1	1036.3	1051.6	1079.6	1111.9	1136.4	1152.9	1165.4	1165.8	1166.2	1165.8
40°	979.5	999.4	1019.3	1047.3	1078.1	1095.1	1098.3	1098.6	1090.3	1081.9	1090.3
42.5°	939.1	964.6	990.2	1012.7	1034.2	1038.7	1026.0	1007.2	970.1	933.1	970.1
45°	877.1	907.2	937.4	951.1	959.5	931.3	866.5	811.5	785.9	760.2	785.9
47.5°	811.0	840.8	870.5	866.7	851.7	809.0	738.6	681.4	663.7	646.0	663.7
50°	766.0	794.2	822.4	802.1	765.5	717.4	657.8	608.9	592.3	575.6	592.3
52.5°	715.2	740.4	765.5	734.8	685.4	634.7	582.8	537.5	512.1	486.7	512.1
55°	636.2	653.5	670.8	637.1	586.5	530.7	469.8	418.0	393.7	369.3	393.7
57.5°	541.0	553.1	565.3	538.9	499.5	444.0	372.5	312.0	284.7	257.4	284.7
60°	477.5	487.1	496.7	472.7	437.4	384.5	314.0	257.7	244.3	230.8	244.3
62.5°	419.8	428.4	437.0	411.9	375.6	328.4	270.1	225.3	220.6	215.8	220.6
65°	340.4	348.8	357.1	330.8	293.0	256.1	220.2	193.1	192.5	191.9	192.5
67.5°	270.9	280.0	289.1	264.4	228.3	201.1	182.6	168.6	167.8	167.1	167.8
70°	229.4	239.0	248.6	225.5	191.5	169.4	159.2	151.2	149.9	148.6	149.9
72.5°	194.7	203.9	213.0	192.8	162.9	144.7	138.0	132.8	132.0	131.3	132.0
75°	147.1	154.2	161.2	146.7	124.9	112.4	109.2	106.6	105.9	105.3	105.9
77.5°	106.8	111.2	115.7	106.2	91.9	84.0	82.3	80.9	80.3	79.6	80.3
80°	83.7	85.6	87.5	80.8	71.2	66.0	65.4	64.8	64.1	63.5	64.1
82.5°	62.9	62.3	61.6	57.7	52.7	49.9	49.2	48.5	47.3	46.2	47.3
85°	33.2	31.9	30.6	29.3	28.1	26.1	23.6	21.2	19.2	17.3	19.2
87.5°	11.0	11.8	12.8	11.7	9.7	8.4	7.8	7.7	7.9	7.9	7.9
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



TEST NUMBER: P1428069

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

**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



TEST NUMBER: P1428069

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

**CANDELA DISTRIBUTION (continued):**

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
0°	1364.7	1364.7	1364.7	1364.7	1364.7	1364.7	1364.7	1364.7	1364.7	1364.7	1364.7
2.5°	1363.8	1362.8	1361.7	1364.0	1369.7	1371.7	1363.0	1354.3	1363.0	1371.7	1369.7
5°	1364.4	1362.3	1361.0	1363.2	1369.0	1370.6	1359.7	1348.8	1359.7	1370.6	1369.0
7.5°	1362.3	1359.3	1357.1	1358.8	1364.5	1365.9	1354.8	1343.6	1354.8	1365.9	1364.5
10°	1358.6	1355.1	1351.9	1352.8	1357.9	1359.4	1349.8	1340.2	1349.8	1359.4	1357.9
12.5°	1350.4	1346.2	1342.0	1342.2	1346.8	1348.0	1338.9	1329.8	1338.9	1348.0	1346.8
15°	1338.1	1332.9	1327.2	1325.6	1328.1	1328.0	1319.6	1311.3	1319.6	1328.0	1328.1
17.5°	1327.7	1320.7	1312.5	1308.5	1308.8	1306.5	1296.3	1286.2	1296.3	1306.5	1308.8
20°	1321.6	1312.3	1302.0	1296.2	1295.0	1290.9	1278.8	1266.6	1278.8	1290.9	1295.0
22.5°	1320.4	1306.1	1290.7	1281.9	1279.6	1274.3	1260.0	1245.8	1260.0	1274.3	1279.6
25°	1321.2	1300.2	1277.8	1262.1	1253.1	1242.9	1228.8	1214.7	1228.8	1242.9	1253.1
27.5°	1312.3	1290.1	1264.8	1242.7	1223.9	1206.3	1192.3	1178.3	1192.3	1206.3	1223.9
30°	1297.0	1274.3	1248.0	1223.6	1201.2	1181.0	1167.5	1154.1	1167.5	1181.0	1201.2
32.5°	1276.0	1252.0	1223.6	1197.5	1173.5	1152.0	1138.0	1124.1	1138.0	1152.0	1173.5
35°	1239.3	1215.6	1186.1	1156.9	1128.1	1103.1	1089.6	1076.2	1089.6	1103.1	1128.1
37.5°	1165.4	1152.9	1136.4	1111.9	1079.6	1051.6	1036.3	1021.1	1036.3	1051.6	1079.6
40°	1098.6	1098.3	1095.1	1078.1	1047.3	1019.3	999.4	979.5	999.4	1019.3	1047.3
42.5°	1007.2	1026.0	1038.7	1034.2	1012.7	990.2	964.6	939.1	964.6	990.2	1012.7
45°	811.5	866.5	931.3	959.5	951.1	937.4	907.2	877.1	907.2	937.4	951.1
47.5°	681.4	738.6	809.0	851.7	866.7	870.5	840.8	811.0	840.8	870.5	866.7
50°	608.9	657.8	717.4	765.5	802.1	822.4	794.2	766.0	794.2	822.4	802.1
52.5°	537.5	582.8	634.7	685.4	734.8	765.5	740.4	715.2	740.4	765.5	734.8
55°	418.0	469.8	530.7	586.5	637.1	670.8	653.5	636.2	653.5	670.8	637.1
57.5°	312.0	372.5	444.0	499.5	538.9	565.3	553.1	541.0	553.1	565.3	538.9
60°	257.7	314.0	384.5	437.4	472.7	496.7	487.1	477.5	487.1	496.7	472.7
62.5°	225.3	270.1	328.4	375.6	411.9	437.0	428.4	419.8	428.4	437.0	411.9
65°	193.1	220.2	256.1	293.0	330.8	357.1	348.8	340.4	348.8	357.1	330.8
67.5°	168.6	182.6	201.1	228.3	264.4	289.1	280.0	270.9	280.0	289.1	264.4
70°	151.2	159.2	169.4	191.5	225.5	248.6	239.0	229.4	239.0	248.6	225.5
72.5°	132.8	138.0	144.7	162.9	192.8	213.0	203.9	194.7	203.9	213.0	192.8
75°	106.6	109.2	112.4	124.9	146.7	161.2	154.2	147.1	154.2	161.2	146.7
77.5°	80.9	82.3	84.0	91.9	106.2	115.7	111.2	106.8	111.2	115.7	106.2
80°	64.8	65.4	66.0	71.2	80.8	87.5	85.6	83.7	85.6	87.5	80.8
82.5°	48.5	49.2	49.9	52.7	57.7	61.6	62.3	62.9	62.3	61.6	57.7
85°	21.2	23.6	26.1	28.1	29.3	30.6	31.9	33.2	31.9	30.6	29.3
87.5°	7.7	7.8	8.4	9.7	11.7	12.8	11.8	11.0	11.8	12.6	12.1
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: P1428069

CATALOG NUMBER: SQ2W-PP3-K-075U-075D-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: P1428069

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

**CANDELA DISTRIBUTION (continued):**

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
0°	1364.7	1364.7	1364.7	1364.7	1364.7	1364.7	1364.7	1364.7	1364.7	1364.7	1364.7
2.5°	1364.0	1361.7	1362.8	1363.8	1364.8	1365.8	1364.8	1363.8	1362.8	1361.7	1364.0
5°	1363.2	1361.0	1362.3	1364.4	1368.8	1373.3	1368.8	1364.4	1362.3	1361.0	1363.2
7.5°	1358.8	1357.1	1359.3	1362.3	1367.8	1373.3	1367.8	1362.3	1359.3	1357.1	1358.8
10°	1352.8	1351.9	1355.1	1358.6	1363.1	1367.6	1363.1	1358.6	1355.1	1351.9	1352.8
12.5°	1342.2	1342.0	1346.2	1350.4	1354.4	1358.3	1354.4	1350.4	1346.2	1342.0	1342.2
15°	1325.6	1327.2	1332.9	1338.1	1341.3	1344.5	1341.3	1338.1	1332.9	1327.2	1325.6
17.5°	1308.5	1312.5	1320.7	1327.7	1331.1	1334.4	1331.1	1327.7	1320.7	1312.5	1308.5
20°	1296.2	1302.0	1312.3	1321.6	1328.0	1334.4	1328.0	1321.6	1312.3	1302.0	1296.2
22.5°	1281.9	1290.7	1306.1	1320.4	1331.4	1342.5	1331.4	1320.4	1306.1	1290.7	1281.9
25°	1262.1	1277.8	1300.2	1321.2	1337.9	1354.6	1337.9	1321.2	1300.2	1277.8	1262.1
27.5°	1242.7	1264.8	1290.1	1312.3	1325.5	1338.7	1325.5	1312.3	1290.1	1264.8	1242.7
30°	1223.6	1248.0	1274.3	1297.0	1309.2	1321.4	1309.2	1297.0	1274.3	1248.0	1223.6
32.5°	1197.5	1223.6	1252.0	1276.0	1287.2	1298.3	1287.2	1276.0	1252.0	1223.6	1197.5
35°	1156.9	1186.1	1215.6	1239.3	1245.7	1252.2	1245.7	1239.3	1215.6	1186.1	1156.9
37.5°	1111.9	1136.4	1152.9	1165.4	1165.8	1166.2	1165.8	1165.4	1152.9	1136.4	1111.9
40°	1078.1	1095.1	1098.3	1098.6	1090.3	1081.9	1090.3	1098.6	1098.3	1095.1	1078.1
42.5°	1034.2	1038.7	1026.0	1007.2	970.1	933.1	970.1	1007.2	1026.0	1038.7	1034.2
45°	959.5	931.3	866.5	811.5	785.9	760.2	785.9	811.5	866.5	931.3	959.5
47.5°	851.7	809.0	738.6	681.4	663.7	646.0	663.7	681.4	738.6	809.0	851.7
50°	765.5	717.4	657.8	608.9	592.3	575.6	592.3	608.9	657.8	717.4	765.5
52.5°	685.4	634.7	582.8	537.5	512.1	486.7	512.1	537.5	582.8	634.7	685.4
55°	586.5	530.7	469.8	418.0	393.7	369.3	393.7	418.0	469.8	530.7	586.5
57.5°	499.5	444.0	372.5	312.0	284.7	257.4	284.7	312.0	372.5	444.0	499.5
60°	437.4	384.5	314.0	257.7	244.3	230.8	244.3	257.7	314.0	384.5	437.4
62.5°	375.6	328.4	270.1	225.3	220.6	215.8	220.6	225.3	270.1	328.4	375.6
65°	293.0	256.1	220.2	193.1	192.5	191.9	192.5	193.1	220.2	256.1	293.0
67.5°	228.3	201.1	182.6	168.6	167.8	167.1	167.8	168.6	182.6	201.1	228.3
70°	191.5	169.4	159.2	151.2	149.9	148.6	149.9	151.2	159.2	169.4	191.5
72.5°	162.9	144.7	138.0	132.8	132.0	131.3	132.0	132.8	138.0	144.7	162.9
75°	124.9	112.4	109.2	106.6	105.9	105.3	105.9	106.6	109.2	112.4	124.9
77.5°	91.9	84.0	82.3	80.9	80.3	79.6	80.3	80.9	82.3	84.0	91.9
80°	71.2	66.0	65.4	64.8	64.1	63.5	64.1	64.8	65.4	66.0	71.2
82.5°	52.7	49.9	49.2	48.5	47.3	46.2	47.3	48.5	49.2	49.9	52.7
85°	28.1	26.1	23.6	21.2	19.2	17.3	19.2	21.2	23.6	26.1	28.1
87.5°	10.5	10.4	11.2	11.7	12.5	12.1	12.5	11.7	11.2	10.4	10.5
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: P1428069

CATALOG NUMBER: SQ2W-PP3-K-075U-075D-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: P1428069

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

**CANDELA DISTRIBUTION (continued):**

	330°	340°	350°	360°
0°	1364.7	1364.7	1364.7	1364.7
2.5°	1369.7	1371.7	1363.0	1354.3
5°	1369.0	1370.6	1359.7	1348.8
7.5°	1364.5	1365.9	1354.8	1343.6
10°	1357.9	1359.4	1349.8	1340.2
12.5°	1346.8	1348.0	1338.9	1329.8
15°	1328.1	1328.0	1319.6	1311.3
17.5°	1308.8	1306.5	1296.3	1286.2
20°	1295.0	1290.9	1278.8	1266.6
22.5°	1279.6	1274.3	1260.0	1245.8
25°	1253.1	1242.9	1228.8	1214.7
27.5°	1223.9	1206.3	1192.3	1178.3
30°	1201.2	1181.0	1167.5	1154.1
32.5°	1173.5	1152.0	1138.0	1124.1
35°	1128.1	1103.1	1089.6	1076.2
37.5°	1079.6	1051.6	1036.3	1021.1
40°	1047.3	1019.3	999.4	979.5
42.5°	1012.7	990.2	964.6	939.1
45°	951.1	937.4	907.2	877.1
47.5°	866.7	870.5	840.8	811.0
50°	802.1	822.4	794.2	766.0
52.5°	734.8	765.5	740.4	715.2
55°	637.1	670.8	653.5	636.2
57.5°	538.9	565.3	553.1	541.0
60°	472.7	496.7	487.1	477.5
62.5°	411.9	437.0	428.4	419.8
65°	330.8	357.1	348.8	340.4
67.5°	264.4	289.1	280.0	270.9
70°	225.5	248.6	239.0	229.4
72.5°	192.8	213.0	203.9	194.7
75°	146.7	161.2	154.2	147.1
77.5°	106.2	115.7	111.2	106.8
80°	80.8	87.5	85.6	83.7
82.5°	57.7	61.6	62.3	62.9
85°	29.3	30.6	31.9	33.2
87.5°	12.1	12.6	11.8	11.0
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: P1428069

CATALOG NUMBER: SQ2W-PP3-K-075U-075D-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: P1428069  
 CATALOG NUMBER: SQ2W-PP3-K-075U-075D-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	18.60	19.46	19.52	20.40	21.61	14.37	15.24	15.29	16.17	17.38
	3H	19.66	20.43	20.60	21.38	22.61	15.68	16.45	16.62	17.40	18.64
	4H	20.03	20.76	20.98	21.71	22.95	16.24	16.97	17.19	17.92	19.16
	6H	20.22	20.89	21.18	21.85	23.11	16.60	17.27	17.56	18.23	19.49
	8H	20.28	20.92	21.25	21.90	23.15	16.73	17.37	17.70	18.34	19.60
	12H	20.31	20.91	21.28	21.88	23.16	16.76	17.37	17.74	18.34	19.62
4H	2H	18.72	19.45	19.67	20.40	21.64	15.28	16.01	16.24	16.96	18.21
	3H	20.01	20.62	20.98	21.60	22.86	16.70	17.31	17.67	18.29	19.55
	4H	20.52	21.07	21.50	22.05	23.33	17.32	17.88	18.30	18.85	20.13
	6H	20.84	21.31	21.82	22.31	23.59	17.77	18.24	18.76	19.25	20.53
	8H	20.95	21.39	21.94	22.38	23.68	17.94	18.38	18.93	19.38	20.67
	12H	20.99	21.39	22.00	22.40	23.70	17.99	18.39	19.00	19.40	20.70
8H	4H	20.54	20.98	21.53	21.98	23.27	17.63	18.08	18.62	19.07	20.36
	6H	20.95	21.32	21.97	22.35	23.65	18.19	18.56	19.21	19.59	20.89
	8H	21.13	21.46	22.16	22.48	23.79	18.44	18.76	19.46	19.79	21.10
	12H	21.23	21.52	22.26	22.53	23.89	18.54	18.83	19.57	19.84	21.20
12H	4H	20.50	20.90	21.51	21.91	23.21	17.65	18.05	18.65	19.06	20.35
	6H	20.94	21.27	21.97	22.29	23.60	18.26	18.58	19.28	19.60	20.92
	8H	21.14	21.43	22.17	22.44	23.80	18.53	18.82	19.56	19.84	21.19