

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: P1428092

Luminaire Tested: SQ2W-PP3-K-100U-075D-L930-UNV-STD-W-WM-4

Issue Date: 3/10/2026

Test Information

Test Method: LM-79-2019
Report Number: P1428092
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-100U-075D-L930-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 1000 LUMENS PER FOOT
Light Source: 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

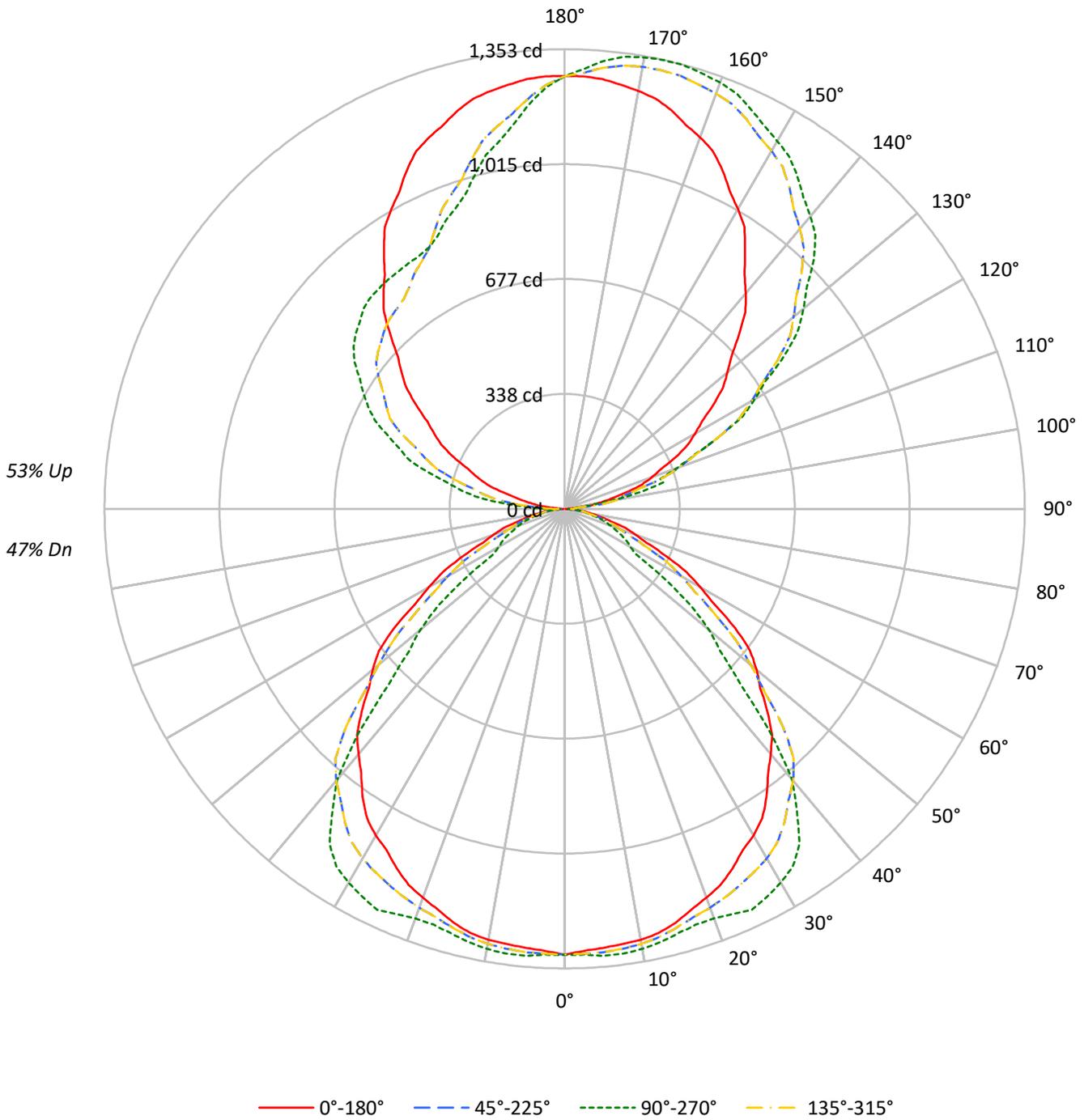
Lumens per Lamp: N/A
Luminaire Lumens: 7029.5 lumens
Efficiency: N/A
Efficacy: 117.6 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.41 / 1.4
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 59.8
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

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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	0
RCR																		
0	106	106	106	106	98	98	98	98	82	82	82	67	67	67	53	53	53	47
1	98	94	90	87	90	86	83	80	72	70	68	60	58	57	48	47	46	41
2	89	82	76	71	82	76	71	67	64	60	57	53	50	48	43	41	40	35
3	82	73	66	60	75	67	61	56	57	52	49	47	44	41	38	36	34	30
4	75	64	57	51	69	60	53	48	51	46	42	42	39	36	34	32	30	26
5	69	58	50	44	63	53	46	41	45	40	36	38	34	31	31	28	26	23
6	63	52	44	38	58	48	41	36	41	36	32	34	30	27	28	25	23	20
7	59	47	39	33	54	43	36	32	37	32	28	31	27	24	26	23	21	18
8	54	42	35	30	50	39	33	28	34	29	25	29	25	22	24	21	18	16
9	51	39	31	26	47	36	29	25	31	26	22	26	22	19	22	19	17	14
10	47	35	28	24	44	33	27	22	29	23	20	24	20	18	20	17	15	13

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	21191	21191	21191	21191
5°	21026	21408	21026	21408
10°	21133	21564	21133	21564
15°	21081	21614	21081	21614
20°	20931	22051	20931	22051
25°	20811	23209	20811	23209
30°	20694	23694	20694	23694
35°	20402	23737	20402	23737
40°	19856	21932	19856	21932
45°	19262	16696	19262	16696
50°	18504	13905	18504	13905
55°	17224	9998	17224	9998
60°	14831	7169	14831	7169
65°	12508	7049	12508	7049
70°	10414	6746	10414	6746
75°	8827	6319	8827	6319
80°	7485	5672	7485	5672
85°	5909	3075	5909	3075

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 40°
 Vertical Angle: 45°
 Luminance: 21071 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	125.0	1.8
10°-20°	361.7	5.1
20°-30°	566.7	8.1
30°-40°	699.0	9.9
40°-50°	658.1	9.4
50°-60°	466.0	6.6
60°-70°	265.5	3.8
70°-80°	131.4	1.9
80°-90°	37.4	0.5
90°-100°	101.4	1.4
100°-110°	295.6	4.2
110°-120°	482.4	6.9
120°-130°	612.1	8.7
130°-140°	655.0	9.3
140°-150°	611.6	8.7
150°-160°	503.3	7.2
160°-170°	337.5	4.8
170°-180°	119.8	1.7
0°-30°	1053.4	15.0
0°-40°	1752.4	24.9
0°-60°	2876.5	40.9
0°-90°	3310.9	47.1
90°-120°	879.3	12.5
90°-150°	2758.0	39.2
90°-180°	3719.0	52.9
0°-180°	7029.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1312	1312	1312	1312	1312	
5°	1297	1321	1297	1321	1297	124
15°	1261	1293	1261	1293	1261	355
25°	1168	1303	1168	1303	1168	538
35°	1035	1204	1035	1204	1035	646
45°	844	731	844	731	844	649
55°	612	355	612	355	612	540
65°	327	184	327	184	327	329
75°	142	101	142	101	142	153
85°	32	17	32	17	32	38
90°	4	28	4	55	4	4
95°	40	30	40	174	40	48
105°	188	301	188	414	188	200
115°	360	499	360	615	360	355
125°	533	791	533	754	533	477
135°	724	1036	724	835	724	560
145°	925	1194	925	853	925	579
155°	1099	1297	1099	885	1099	505
165°	1214	1352	1214	1019	1214	342
175°	1270	1324	1270	1195	1270	120
180°	1274	1274	1274	1274	1274	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
0°	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5
2.5°	1302.6	1310.9	1319.3	1317.4	1311.9	1309.7	1310.7	1311.7	1312.7	1313.7	1312.7
5°	1297.3	1307.8	1318.3	1316.7	1311.2	1309.0	1310.2	1312.2	1316.6	1320.9	1316.6
7.5°	1292.3	1303.0	1313.7	1312.4	1306.9	1305.3	1307.4	1310.3	1315.6	1320.9	1315.6
10°	1289.0	1298.2	1307.5	1306.1	1301.1	1300.2	1303.3	1306.7	1311.0	1315.3	1311.0
12.5°	1279.0	1287.7	1296.5	1295.3	1290.9	1290.7	1294.8	1298.8	1302.6	1306.4	1302.6
15°	1261.2	1269.2	1277.2	1277.4	1274.9	1276.5	1282.0	1287.0	1290.0	1293.1	1290.0
17.5°	1237.1	1246.8	1256.6	1258.8	1258.6	1262.4	1270.3	1277.0	1280.2	1283.4	1280.2
20°	1218.2	1229.9	1241.6	1245.5	1246.7	1252.3	1262.1	1271.1	1277.2	1283.4	1277.2
22.5°	1198.2	1211.9	1225.6	1230.7	1232.9	1241.4	1256.2	1270.0	1280.6	1291.2	1280.6
25°	1168.2	1181.8	1195.4	1205.2	1213.9	1229.0	1250.6	1270.8	1286.8	1302.8	1286.8
27.5°	1133.3	1146.7	1160.2	1177.1	1195.3	1216.5	1240.8	1262.2	1274.9	1287.6	1274.9
30°	1110.0	1122.9	1135.9	1155.3	1176.9	1200.3	1225.6	1247.5	1259.2	1270.9	1259.2
32.5°	1081.1	1094.6	1108.0	1128.7	1151.7	1176.9	1204.1	1227.3	1238.0	1248.7	1238.0
35°	1035.1	1048.0	1061.0	1085.0	1112.8	1140.8	1169.2	1192.0	1198.2	1204.3	1198.2
37.5°	982.1	996.7	1011.4	1038.4	1069.5	1093.0	1108.9	1120.9	1121.3	1121.6	1121.3
40°	942.1	961.2	980.3	1007.3	1036.9	1053.2	1056.3	1056.6	1048.6	1040.6	1048.6
42.5°	903.2	927.8	952.3	974.0	994.7	999.0	986.8	968.7	933.1	897.4	933.1
45°	843.6	872.6	901.5	914.8	922.8	895.7	833.4	780.5	755.9	731.2	755.9
47.5°	780.0	808.6	837.3	833.6	819.2	778.1	710.4	655.3	638.3	621.3	638.3
50°	736.7	763.9	791.0	771.4	736.3	690.0	632.7	585.7	569.6	553.6	569.6
52.5°	687.9	712.1	736.3	706.7	659.2	610.5	560.5	517.0	492.6	468.1	492.6
55°	611.9	628.5	645.2	612.8	564.1	510.4	451.9	402.1	378.6	355.2	378.6
57.5°	520.3	532.0	543.7	518.3	480.4	427.1	358.2	300.1	273.8	247.5	273.8
60°	459.3	468.5	477.8	454.6	420.7	369.8	302.0	247.9	234.9	222.0	234.9
62.5°	403.8	412.0	420.3	396.2	361.3	315.8	259.8	216.7	212.1	207.6	212.1
65°	327.4	335.5	343.5	318.2	281.8	246.4	211.8	185.8	185.2	184.5	185.2
67.5°	260.6	269.3	278.1	254.3	219.6	193.4	175.7	162.1	161.4	160.7	161.4
70°	220.6	229.9	239.1	216.9	184.2	163.0	153.1	145.4	144.1	142.9	144.1
72.5°	187.3	196.1	204.8	185.5	156.7	139.1	132.7	127.7	127.0	126.3	127.0
75°	141.5	148.3	155.1	141.1	120.1	108.1	105.0	102.5	101.9	101.3	101.9
77.5°	102.7	107.0	111.3	102.1	88.4	80.8	79.2	77.8	77.2	76.6	77.2
80°	80.5	82.3	84.2	77.7	68.4	63.5	62.9	62.3	61.7	61.0	61.7
82.5°	60.5	59.9	59.3	55.5	50.7	48.0	47.4	46.6	45.5	44.4	45.5
85°	31.9	30.7	29.4	28.2	27.0	25.1	22.7	20.3	18.5	16.6	18.5
87.5°	10.8	11.8	13.1	12.3	10.6	9.3	8.8	8.7	9.0	9.0	9.0
90°	3.9	9.0	15.4	20.6	24.4	25.7	25.7	27.0	28.3	28.3	28.3
92.5°	14.2	22.4	22.6	22.6	27.5	29.8	31.9	32.2	33.4	33.4	33.4
95°	39.9	43.7	65.6	64.3	43.7	34.7	29.6	29.6	29.6	29.6	29.6
97.5°	76.2	81.8	85.4	114.5	120.9	116.8	95.2	80.0	71.5	67.7	71.5
100°	108.1	110.6	118.4	119.6	151.8	182.7	167.2	147.9	141.5	137.6	141.5
102.5°	140.0	141.5	153.3	158.7	166.2	183.7	237.2	231.3	226.9	226.2	226.9
105°	187.8	189.1	211.0	221.3	226.4	226.4	225.1	250.9	292.0	301.0	292.0
107.5°	239.0	244.9	270.7	298.2	304.1	305.7	299.0	295.1	293.6	294.6	293.6
110°	274.0	283.0	313.9	348.6	357.6	360.2	357.6	353.8	351.2	351.2	351.2



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
112.5°	308.0	321.1	356.1	396.0	411.1	418.9	413.2	410.4	407.8	409.9	407.8
115°	360.2	379.5	425.8	467.0	497.9	501.7	500.4	500.4	499.1	499.1	499.1
117.5°	408.6	439.5	491.4	539.3	575.0	585.3	590.5	588.9	587.4	590.0	587.4
120°	442.5	478.6	537.7	591.8	626.5	641.9	647.1	644.5	647.1	644.5	647.1
122.5°	478.6	522.8	581.0	637.0	678.0	695.5	701.6	702.1	702.7	701.1	702.7
125°	532.6	586.6	654.8	712.7	755.1	775.7	780.9	782.2	784.7	791.2	784.7
127.5°	587.1	648.4	723.2	779.1	822.6	847.5	855.5	858.3	863.7	866.6	863.7
130°	625.2	694.7	770.6	823.3	865.8	892.8	906.9	910.8	917.2	916.0	917.2
132.5°	665.4	737.9	814.8	869.6	909.0	938.1	950.2	961.2	963.5	965.4	963.5
135°	724.3	802.7	879.9	934.0	971.3	999.6	1015.0	1025.3	1031.7	1035.6	1031.7
137.5°	786.3	869.1	943.2	991.3	1028.9	1053.3	1070.8	1081.6	1088.3	1091.4	1088.3
140°	828.5	908.2	980.3	1030.4	1063.9	1088.3	1103.8	1116.6	1124.4	1124.4	1124.4
142.5°	868.6	947.3	1017.3	1067.5	1096.8	1119.2	1135.7	1145.5	1154.2	1154.2	1154.2
145°	925.0	1003.4	1067.8	1117.9	1142.4	1162.9	1181.0	1188.7	1193.8	1193.8	1193.8
147.5°	983.9	1053.3	1112.0	1160.1	1180.7	1204.9	1219.0	1225.2	1231.6	1228.8	1231.6
150°	1018.9	1083.2	1139.8	1184.8	1205.4	1228.6	1242.7	1247.9	1254.3	1250.4	1254.3
152.5°	1052.8	1114.1	1165.5	1207.5	1225.0	1248.1	1264.3	1269.5	1273.8	1271.0	1273.8
155°	1098.6	1152.7	1200.3	1238.8	1254.3	1276.2	1291.6	1298.0	1303.2	1296.7	1303.2
157.5°	1139.5	1186.1	1227.5	1263.0	1279.5	1298.3	1312.7	1320.7	1325.8	1323.0	1325.8
160°	1164.2	1206.7	1244.0	1277.4	1292.9	1309.6	1325.0	1334.0	1339.2	1335.3	1339.2
162.5°	1184.8	1223.2	1258.4	1288.8	1302.1	1316.8	1335.3	1343.3	1348.5	1343.6	1348.5
165°	1214.4	1245.3	1276.2	1301.9	1313.5	1325.0	1344.3	1353.3	1357.2	1352.1	1357.2
167.5°	1236.8	1260.5	1285.4	1307.5	1316.0	1327.4	1346.7	1354.1	1359.0	1352.6	1359.0
170°	1249.1	1269.7	1291.6	1309.6	1316.0	1326.3	1345.6	1352.1	1355.9	1349.5	1355.9
172.5°	1259.4	1274.9	1292.6	1308.6	1311.9	1320.2	1338.4	1344.9	1347.7	1342.3	1347.7
175°	1269.7	1278.7	1291.6	1301.9	1300.6	1305.7	1321.2	1326.3	1331.5	1323.8	1331.5
177.5°	1274.6	1278.7	1282.8	1289.0	1284.9	1284.9	1296.2	1299.3	1300.3	1296.2	1300.3
180°	1273.6	1273.6	1273.6	1273.6	1273.6	1273.6	1273.6	1273.6	1273.6	1273.6	1273.6



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CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
0°	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5
2.5°	1311.7	1310.7	1309.7	1311.9	1317.4	1319.3	1310.9	1302.6	1310.9	1319.3	1317.4
5°	1312.2	1310.2	1309.0	1311.2	1316.7	1318.3	1307.8	1297.3	1307.8	1318.3	1316.7
7.5°	1310.3	1307.4	1305.3	1306.9	1312.4	1313.7	1303.0	1292.3	1303.0	1313.7	1312.4
10°	1306.7	1303.3	1300.2	1301.1	1306.1	1307.5	1298.2	1289.0	1298.2	1307.5	1306.1
12.5°	1298.8	1294.8	1290.7	1290.9	1295.3	1296.5	1287.7	1279.0	1287.7	1296.5	1295.3
15°	1287.0	1282.0	1276.5	1274.9	1277.4	1277.2	1269.2	1261.2	1269.2	1277.2	1277.4
17.5°	1277.0	1270.3	1262.4	1258.6	1258.8	1256.6	1246.8	1237.1	1246.8	1256.6	1258.8
20°	1271.1	1262.1	1252.3	1246.7	1245.5	1241.6	1229.9	1218.2	1229.9	1241.6	1245.5
22.5°	1270.0	1256.2	1241.4	1232.9	1230.7	1225.6	1211.9	1198.2	1211.9	1225.6	1230.7
25°	1270.8	1250.6	1229.0	1213.9	1205.2	1195.4	1181.8	1168.2	1181.8	1195.4	1205.2
27.5°	1262.2	1240.8	1216.5	1195.3	1177.1	1160.2	1146.7	1133.3	1146.7	1160.2	1177.1
30°	1247.5	1225.6	1200.3	1176.9	1155.3	1135.9	1122.9	1110.0	1122.9	1135.9	1155.3
32.5°	1227.3	1204.1	1176.9	1151.7	1128.7	1108.0	1094.6	1081.1	1094.6	1108.0	1128.7
35°	1192.0	1169.2	1140.8	1112.8	1085.0	1061.0	1048.0	1035.1	1048.0	1061.0	1085.0
37.5°	1120.9	1108.9	1093.0	1069.5	1038.4	1011.4	996.7	982.1	996.7	1011.4	1038.4
40°	1056.6	1056.3	1053.2	1036.9	1007.3	980.3	961.2	942.1	961.2	980.3	1007.3
42.5°	968.7	986.8	999.0	994.7	974.0	952.3	927.8	903.2	927.8	952.3	974.0
45°	780.5	833.4	895.7	922.8	914.8	901.5	872.6	843.6	872.6	901.5	914.8
47.5°	655.3	710.4	778.1	819.2	833.6	837.3	808.6	780.0	808.6	837.3	833.6
50°	585.7	632.7	690.0	736.3	771.4	791.0	763.9	736.7	763.9	791.0	771.4
52.5°	517.0	560.5	610.5	659.2	706.7	736.3	712.1	687.9	712.1	736.3	706.7
55°	402.1	451.9	510.4	564.1	612.8	645.2	628.5	611.9	628.5	645.2	612.8
57.5°	300.1	358.2	427.1	480.4	518.3	543.7	532.0	520.3	532.0	543.7	518.3
60°	247.9	302.0	369.8	420.7	454.6	477.8	468.5	459.3	468.5	477.8	454.6
62.5°	216.7	259.8	315.8	361.3	396.2	420.3	412.0	403.8	412.0	420.3	396.2
65°	185.8	211.8	246.4	281.8	318.2	343.5	335.5	327.4	335.5	343.5	318.2
67.5°	162.1	175.7	193.4	219.6	254.3	278.1	269.3	260.6	269.3	278.1	254.3
70°	145.4	153.1	163.0	184.2	216.9	239.1	229.9	220.6	229.9	239.1	216.9
72.5°	127.7	132.7	139.1	156.7	185.5	204.8	196.1	187.3	196.1	204.8	185.5
75°	102.5	105.0	108.1	120.1	141.1	155.1	148.3	141.5	148.3	155.1	141.1
77.5°	77.8	79.2	80.8	88.4	102.1	111.3	107.0	102.7	107.0	111.3	102.1
80°	62.3	62.9	63.5	68.4	77.7	84.2	82.3	80.5	82.3	84.2	77.7
82.5°	46.6	47.4	48.0	50.7	55.5	59.3	59.9	60.5	59.9	59.3	55.5
85°	20.3	22.7	25.1	27.0	28.2	29.4	30.7	31.9	30.7	29.4	28.2
87.5°	8.7	8.8	9.3	10.6	12.3	13.1	11.8	10.8	11.8	12.8	12.8
90°	27.0	25.7	25.7	24.4	20.6	15.4	9.0	3.9	9.0	14.2	23.2
92.5°	32.2	31.9	29.8	27.5	22.6	22.6	22.4	14.2	24.4	34.7	49.9
95°	29.6	29.6	34.7	43.7	64.3	65.6	43.7	39.9	56.6	79.8	100.3
97.5°	80.0	95.2	116.8	120.9	114.5	85.4	81.8	76.2	103.7	126.6	159.8
100°	147.9	167.2	182.7	151.8	119.6	118.4	110.6	108.1	137.6	159.5	191.7
102.5°	231.3	237.2	183.7	166.2	158.7	153.3	141.5	140.0	169.6	199.7	226.7
105°	250.9	225.1	226.4	226.4	221.3	211.0	189.1	187.8	221.3	256.0	289.5
107.5°	295.1	299.0	305.7	304.1	298.2	270.7	244.9	239.0	269.1	310.8	347.6
110°	353.8	357.6	360.2	357.6	348.6	313.9	283.0	274.0	301.0	344.8	384.6



TEST NUMBER: P1428092

CATALOG NUMBER: SQ2W-PP3-K-100U-075D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
112.5°	410.4	413.2	418.9	411.1	396.0	356.1	321.1	308.0	335.0	379.8	420.7
115°	500.4	500.4	501.7	497.9	467.0	425.8	379.5	360.2	383.4	424.5	469.6
117.5°	588.9	590.5	585.3	575.0	539.3	491.4	439.5	408.6	426.8	470.3	516.6
120°	644.5	647.1	641.9	626.5	591.8	537.7	478.6	442.5	456.7	499.1	545.5
122.5°	702.1	701.6	695.5	678.0	637.0	581.0	522.8	478.6	484.5	523.8	569.1
125°	782.2	780.9	775.7	755.1	712.7	654.8	586.6	532.6	524.9	558.3	604.6
127.5°	858.3	855.5	847.5	822.6	779.1	723.2	648.4	587.1	569.9	591.0	633.4
130°	910.8	906.9	892.8	865.8	823.3	770.6	694.7	625.2	600.8	613.6	650.9
132.5°	961.2	950.2	938.1	909.0	869.6	814.8	737.9	665.4	631.6	637.3	666.4
135°	1025.3	1015.0	999.6	971.3	934.0	879.9	802.7	724.3	678.0	672.8	689.5
137.5°	1081.6	1070.8	1053.3	1028.9	991.3	943.2	869.1	786.3	727.9	710.6	717.1
140°	1116.6	1103.8	1088.3	1063.9	1030.4	980.3	908.2	828.5	762.9	738.4	734.6
142.5°	1145.5	1135.7	1119.2	1096.8	1067.5	1017.3	947.3	868.6	798.9	767.2	758.2
145°	1188.7	1181.0	1162.9	1142.4	1117.9	1067.8	1003.4	925.0	855.5	814.3	795.0
147.5°	1225.2	1219.0	1204.9	1180.7	1160.1	1112.0	1053.3	983.9	912.6	861.7	836.7
150°	1247.9	1242.7	1228.6	1205.4	1184.8	1139.8	1083.2	1018.9	950.7	896.7	864.5
152.5°	1269.5	1264.3	1248.1	1225.0	1207.5	1165.5	1114.1	1052.8	983.6	929.6	896.4
155°	1298.0	1291.6	1276.2	1254.3	1238.8	1200.3	1152.7	1098.6	1039.4	982.8	945.5
157.5°	1320.7	1312.7	1298.3	1279.5	1263.0	1227.5	1186.1	1139.5	1087.8	1033.8	995.7
160°	1334.0	1325.0	1309.6	1292.9	1277.4	1244.0	1206.7	1164.2	1116.6	1067.8	1026.6
162.5°	1343.3	1335.3	1316.8	1302.1	1288.8	1258.4	1223.2	1184.8	1142.4	1099.7	1061.6
165°	1353.3	1344.3	1325.0	1313.5	1301.9	1276.2	1245.3	1214.4	1178.4	1143.7	1112.8
167.5°	1354.1	1346.7	1327.4	1316.0	1307.5	1285.4	1260.5	1236.8	1208.7	1181.5	1155.7
170°	1352.1	1345.6	1326.3	1316.0	1309.6	1291.6	1269.7	1249.1	1227.3	1204.1	1183.5
172.5°	1344.9	1338.4	1320.2	1311.9	1308.6	1292.6	1274.9	1259.4	1240.7	1223.7	1207.2
175°	1326.3	1321.2	1305.7	1300.6	1301.9	1291.6	1278.7	1269.7	1258.1	1247.9	1238.8
177.5°	1299.3	1296.2	1284.9	1284.9	1289.0	1282.8	1278.7	1274.6	1269.5	1266.4	1263.3
180°	1273.6	1273.6	1273.6	1273.6	1273.6	1273.6	1273.6	1273.6	1273.6	1273.6	1273.6



TEST NUMBER: P1428092

CATALOG NUMBER: SQ2W-PP3-K-100U-075D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
0°	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5
2.5°	1311.9	1309.7	1310.7	1311.7	1312.7	1313.7	1312.7	1311.7	1310.7	1309.7	1311.9
5°	1311.2	1309.0	1310.2	1312.2	1316.6	1320.9	1316.6	1312.2	1310.2	1309.0	1311.2
7.5°	1306.9	1305.3	1307.4	1310.3	1315.6	1320.9	1315.6	1310.3	1307.4	1305.3	1306.9
10°	1301.1	1300.2	1303.3	1306.7	1311.0	1315.3	1311.0	1306.7	1303.3	1300.2	1301.1
12.5°	1290.9	1290.7	1294.8	1298.8	1302.6	1306.4	1302.6	1298.8	1294.8	1290.7	1290.9
15°	1274.9	1276.5	1282.0	1287.0	1290.0	1293.1	1290.0	1287.0	1282.0	1276.5	1274.9
17.5°	1258.6	1262.4	1270.3	1277.0	1280.2	1283.4	1280.2	1277.0	1270.3	1262.4	1258.6
20°	1246.7	1252.3	1262.1	1271.1	1277.2	1283.4	1277.2	1271.1	1262.1	1252.3	1246.7
22.5°	1232.9	1241.4	1256.2	1270.0	1280.6	1291.2	1280.6	1270.0	1256.2	1241.4	1232.9
25°	1213.9	1229.0	1250.6	1270.8	1286.8	1302.8	1286.8	1270.8	1250.6	1229.0	1213.9
27.5°	1195.3	1216.5	1240.8	1262.2	1274.9	1287.6	1274.9	1262.2	1240.8	1216.5	1195.3
30°	1176.9	1200.3	1225.6	1247.5	1259.2	1270.9	1259.2	1247.5	1225.6	1200.3	1176.9
32.5°	1151.7	1176.9	1204.1	1227.3	1238.0	1248.7	1238.0	1227.3	1204.1	1176.9	1151.7
35°	1112.8	1140.8	1169.2	1192.0	1198.2	1204.3	1198.2	1192.0	1169.2	1140.8	1112.8
37.5°	1069.5	1093.0	1108.9	1120.9	1121.3	1121.6	1121.3	1120.9	1108.9	1093.0	1069.5
40°	1036.9	1053.2	1056.3	1056.6	1048.6	1040.6	1048.6	1056.6	1056.3	1053.2	1036.9
42.5°	994.7	999.0	986.8	968.7	933.1	897.4	933.1	968.7	986.8	999.0	994.7
45°	922.8	895.7	833.4	780.5	755.9	731.2	755.9	780.5	833.4	895.7	922.8
47.5°	819.2	778.1	710.4	655.3	638.3	621.3	638.3	655.3	710.4	778.1	819.2
50°	736.3	690.0	632.7	585.7	569.6	553.6	569.6	585.7	632.7	690.0	736.3
52.5°	659.2	610.5	560.5	517.0	492.6	468.1	492.6	517.0	560.5	610.5	659.2
55°	564.1	510.4	451.9	402.1	378.6	355.2	378.6	402.1	451.9	510.4	564.1
57.5°	480.4	427.1	358.2	300.1	273.8	247.5	273.8	300.1	358.2	427.1	480.4
60°	420.7	369.8	302.0	247.9	234.9	222.0	234.9	247.9	302.0	369.8	420.7
62.5°	361.3	315.8	259.8	216.7	212.1	207.6	212.1	216.7	259.8	315.8	361.3
65°	281.8	246.4	211.8	185.8	185.2	184.5	185.2	185.8	211.8	246.4	281.8
67.5°	219.6	193.4	175.7	162.1	161.4	160.7	161.4	162.1	175.7	193.4	219.6
70°	184.2	163.0	153.1	145.4	144.1	142.9	144.1	145.4	153.1	163.0	184.2
72.5°	156.7	139.1	132.7	127.7	127.0	126.3	127.0	127.7	132.7	139.1	156.7
75°	120.1	108.1	105.0	102.5	101.9	101.3	101.9	102.5	105.0	108.1	120.1
77.5°	88.4	80.8	79.2	77.8	77.2	76.6	77.2	77.8	79.2	80.8	88.4
80°	68.4	63.5	62.9	62.3	61.7	61.0	61.7	62.3	62.9	63.5	68.4
82.5°	50.7	48.0	47.4	46.6	45.5	44.4	45.5	46.6	47.4	48.0	50.7
85°	27.0	25.1	22.7	20.3	18.5	16.6	18.5	20.3	22.7	25.1	27.0
87.5°	11.6	11.9	13.2	13.9	14.9	14.4	14.9	13.9	13.2	11.9	11.6
90°	29.6	38.6	47.6	52.7	57.9	55.3	57.9	52.7	47.6	38.6	29.6
92.5°	59.4	74.6	85.7	94.9	99.1	98.5	99.1	94.9	85.7	74.6	59.4
95°	119.6	137.6	155.7	168.5	176.2	173.7	176.2	168.5	155.7	137.6	119.6
97.5°	184.5	208.7	228.7	240.8	248.5	253.7	248.5	240.8	228.7	208.7	184.5
100°	227.7	250.9	274.0	288.2	301.0	306.2	301.0	288.2	274.0	250.9	227.7
102.5°	262.7	293.1	318.3	333.4	344.3	349.4	344.3	318.3	293.1	262.7	262.7
105°	320.3	352.5	379.5	398.8	410.4	414.2	410.4	398.8	379.5	352.5	320.3
107.5°	378.0	411.1	436.1	457.5	471.6	479.8	471.6	457.5	436.1	411.1	378.0
110°	423.2	450.3	477.3	496.6	510.7	515.9	510.7	496.6	477.3	450.3	423.2



TEST NUMBER: P1428092

CATALOG NUMBER: SQ2W-PP3-K-100U-075D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
112.5°	461.3	491.4	518.4	537.7	553.9	561.1	553.9	537.7	518.4	491.4	461.3
115°	514.6	554.5	578.9	596.9	608.5	614.9	608.5	596.9	578.9	554.5	514.6
117.5°	558.8	600.5	627.3	641.2	646.6	651.2	646.6	641.2	627.3	600.5	558.8
120°	586.6	625.2	656.1	674.1	680.5	683.1	680.5	674.1	656.1	625.2	586.6
122.5°	612.3	648.9	678.7	700.9	711.4	714.0	711.4	700.9	678.7	648.9	612.3
125°	648.4	683.1	714.0	735.8	747.4	753.9	747.4	735.8	714.0	683.1	648.4
127.5°	679.8	717.3	745.6	765.4	776.8	781.9	776.8	765.4	745.6	717.3	679.8
130°	697.3	735.8	764.1	786.0	796.3	801.5	796.3	786.0	764.1	735.8	697.3
132.5°	710.6	751.3	780.6	800.4	811.7	816.9	811.7	800.4	780.6	751.3	710.6
135°	726.8	769.3	800.2	819.5	829.8	834.9	829.8	819.5	800.2	769.3	726.8
137.5°	741.0	779.6	811.7	832.1	841.3	844.7	841.3	832.1	811.7	779.6	741.0
140°	751.3	784.7	816.9	836.2	846.5	847.8	846.5	836.2	816.9	784.7	751.3
142.5°	764.7	790.9	819.0	838.2	848.5	850.9	848.5	838.2	819.0	790.9	764.7
145°	788.6	804.0	823.3	841.3	850.3	852.9	850.3	841.3	823.3	804.0	788.6
147.5°	818.7	823.6	833.6	845.5	854.2	856.0	854.2	845.5	833.6	823.6	818.7
150°	841.3	840.1	843.9	851.6	859.3	858.1	859.3	851.6	843.9	840.1	841.3
152.5°	867.1	859.6	859.3	862.9	866.6	866.3	866.6	862.9	859.3	859.6	867.1
155°	910.8	896.7	888.9	886.4	886.4	885.1	886.4	886.4	888.9	896.7	910.8
157.5°	958.9	939.1	927.5	921.4	919.6	916.7	919.6	921.4	927.5	939.1	958.9
160°	991.9	970.0	958.4	948.1	944.3	940.4	944.3	948.1	958.4	970.0	991.9
162.5°	1022.7	1001.9	989.3	980.0	976.2	970.2	976.2	980.0	989.3	1001.9	1022.7
165°	1072.9	1051.0	1036.9	1029.2	1024.0	1018.9	1024.0	1029.2	1036.9	1051.0	1072.9
167.5°	1123.1	1099.1	1089.9	1081.1	1076.2	1067.0	1076.2	1081.1	1089.9	1099.1	1123.1
170°	1153.9	1132.1	1126.9	1119.2	1110.2	1099.9	1110.2	1119.2	1126.9	1132.1	1153.9
172.5°	1180.7	1166.0	1160.9	1153.2	1150.3	1142.1	1150.3	1153.2	1160.9	1166.0	1180.7
175°	1219.6	1208.0	1208.0	1206.7	1202.8	1195.1	1202.8	1206.7	1208.0	1208.0	1219.6
177.5°	1252.0	1245.8	1249.9	1249.9	1248.9	1241.7	1248.9	1249.9	1249.9	1245.8	1252.0
180°	1273.6	1273.6	1273.6	1273.6	1273.6	1273.6	1273.6	1273.6	1273.6	1273.6	1273.6



TEST NUMBER: P1428092

CATALOG NUMBER: SQ2W-PP3-K-100U-075D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
0°	1312.5	1312.5	1312.5	1312.5
2.5°	1317.4	1319.3	1310.9	1302.6
5°	1316.7	1318.3	1307.8	1297.3
7.5°	1312.4	1313.7	1303.0	1292.3
10°	1306.1	1307.5	1298.2	1289.0
12.5°	1295.3	1296.5	1287.7	1279.0
15°	1277.4	1277.2	1269.2	1261.2
17.5°	1258.8	1256.6	1246.8	1237.1
20°	1245.5	1241.6	1229.9	1218.2
22.5°	1230.7	1225.6	1211.9	1198.2
25°	1205.2	1195.4	1181.8	1168.2
27.5°	1177.1	1160.2	1146.7	1133.3
30°	1155.3	1135.9	1122.9	1110.0
32.5°	1128.7	1108.0	1094.6	1081.1
35°	1085.0	1061.0	1048.0	1035.1
37.5°	1038.4	1011.4	996.7	982.1
40°	1007.3	980.3	961.2	942.1
42.5°	974.0	952.3	927.8	903.2
45°	914.8	901.5	872.6	843.6
47.5°	833.6	837.3	808.6	780.0
50°	771.4	791.0	763.9	736.7
52.5°	706.7	736.3	712.1	687.9
55°	612.8	645.2	628.5	611.9
57.5°	518.3	543.7	532.0	520.3
60°	454.6	477.8	468.5	459.3
62.5°	396.2	420.3	412.0	403.8
65°	318.2	343.5	335.5	327.4
67.5°	254.3	278.1	269.3	260.6
70°	216.9	239.1	229.9	220.6
72.5°	185.5	204.8	196.1	187.3
75°	141.1	155.1	148.3	141.5
77.5°	102.1	111.3	107.0	102.7
80°	77.7	84.2	82.3	80.5
82.5°	55.5	59.3	59.9	60.5
85°	28.2	29.4	30.7	31.9
87.5°	12.8	12.8	11.8	10.8
90°	23.2	14.2	9.0	3.9
92.5°	49.9	34.7	24.4	14.2
95°	100.3	79.8	56.6	39.9
97.5°	159.8	126.6	103.7	76.2
100°	191.7	159.5	137.6	108.1
102.5°	226.7	199.7	169.6	140.0
105°	289.5	256.0	221.3	187.8
107.5°	347.6	310.8	269.1	239.0
110°	384.6	344.8	301.0	274.0



TEST NUMBER: P1428092

CATALOG NUMBER: SQ2W-PP3-K-100U-075D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
112.5°	420.7	379.8	335.0	308.0
115°	469.6	424.5	383.4	360.2
117.5°	516.6	470.3	426.8	408.6
120°	545.5	499.1	456.7	442.5
122.5°	569.1	523.8	484.5	478.6
125°	604.6	558.3	524.9	532.6
127.5°	633.4	591.0	569.9	587.1
130°	650.9	613.6	600.8	625.2
132.5°	666.4	637.3	631.6	665.4
135°	689.5	672.8	678.0	724.3
137.5°	717.1	710.6	727.9	786.3
140°	734.6	738.4	762.9	828.5
142.5°	758.2	767.2	798.9	868.6
145°	795.0	814.3	855.5	925.0
147.5°	836.7	861.7	912.6	983.9
150°	864.5	896.7	950.7	1018.9
152.5°	896.4	929.6	983.6	1052.8
155°	945.5	982.8	1039.4	1098.6
157.5°	995.7	1033.8	1087.8	1139.5
160°	1026.6	1067.8	1116.6	1164.2
162.5°	1061.6	1099.7	1142.4	1184.8
165°	1112.8	1143.7	1178.4	1214.4
167.5°	1155.7	1181.5	1208.7	1236.8
170°	1183.5	1204.1	1227.3	1249.1
172.5°	1207.2	1223.7	1240.7	1259.4
175°	1238.8	1247.9	1258.1	1269.7
177.5°	1263.3	1266.4	1269.5	1274.6
180°	1273.6	1273.6	1273.6	1273.6



TEST NUMBER: P1428092
 CATALOG NUMBER: SQ2W-PP3-K-100U-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	17.78	18.59	18.77	19.59	20.90	13.56	14.36	14.54	15.36	16.67
	3H	18.84	19.56	19.84	20.57	21.90	14.86	15.58	15.86	16.59	17.92
	4H	19.21	19.89	20.22	20.90	22.24	15.41	16.10	16.43	17.10	18.45
	6H	19.40	20.02	20.42	21.04	22.39	15.78	16.40	16.80	17.42	18.77
	8H	19.46	20.05	20.49	21.08	22.44	15.90	16.50	16.93	17.53	18.88
	12H	19.48	20.04	20.51	21.07	22.44	15.94	16.50	16.97	17.53	18.90
4H	2H	17.90	18.58	18.91	19.59	20.93	14.46	15.14	15.48	16.15	17.49
	3H	19.19	19.75	20.21	20.79	22.14	15.88	16.44	16.90	17.48	18.84
	4H	19.69	20.21	20.73	21.24	22.62	16.49	17.01	17.53	18.04	19.42
	6H	20.00	20.45	21.05	21.50	22.88	16.94	17.38	17.98	18.43	19.81
	8H	20.11	20.53	21.16	21.57	22.96	17.11	17.52	18.15	18.57	19.96
	12H	20.15	20.53	21.22	21.59	22.98	17.15	17.53	18.22	18.59	19.98
8H	4H	19.71	20.12	20.75	21.17	22.56	16.80	17.21	17.85	18.26	19.65
	6H	20.12	20.46	21.19	21.55	22.93	17.36	17.70	18.43	18.79	20.18
	8H	20.30	20.60	21.37	21.67	23.08	17.61	17.91	18.68	18.98	20.39
	12H	20.39	20.66	21.47	21.72	23.17	17.70	17.97	18.78	19.03	20.48
12H	4H	19.66	20.04	20.73	21.10	22.49	16.81	17.18	17.87	18.24	19.64
	6H	20.11	20.41	21.19	21.48	22.89	17.42	17.72	18.50	18.80	20.20
	8H	20.30	20.57	21.38	21.63	23.08	17.70	17.96	18.78	19.03	20.48