

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: P1427825

Luminaire Tested: SQ2W-PH1-0U-075D-L830-UNV-STD-W-WM-4

Issue Date: 3/10/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1427825  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2303-941-3, G2-2308-131-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/10/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ2W-PH1-0U-075D-L830-UNV-STD-W-WM-4  
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE  
DOWNLIGHT - PERCEIVE HEX LENS  
UPLIGHT - ASYMMETRIC ROLL LENS  
DOWNLIGHT 750 LUMENS PER FOOT  
UPLIGHT N/A - DIRECT ONLY  
Light Source: 3000K CCT, 80 CRI LEDS  
Ballast/Driver: -

**Summary**

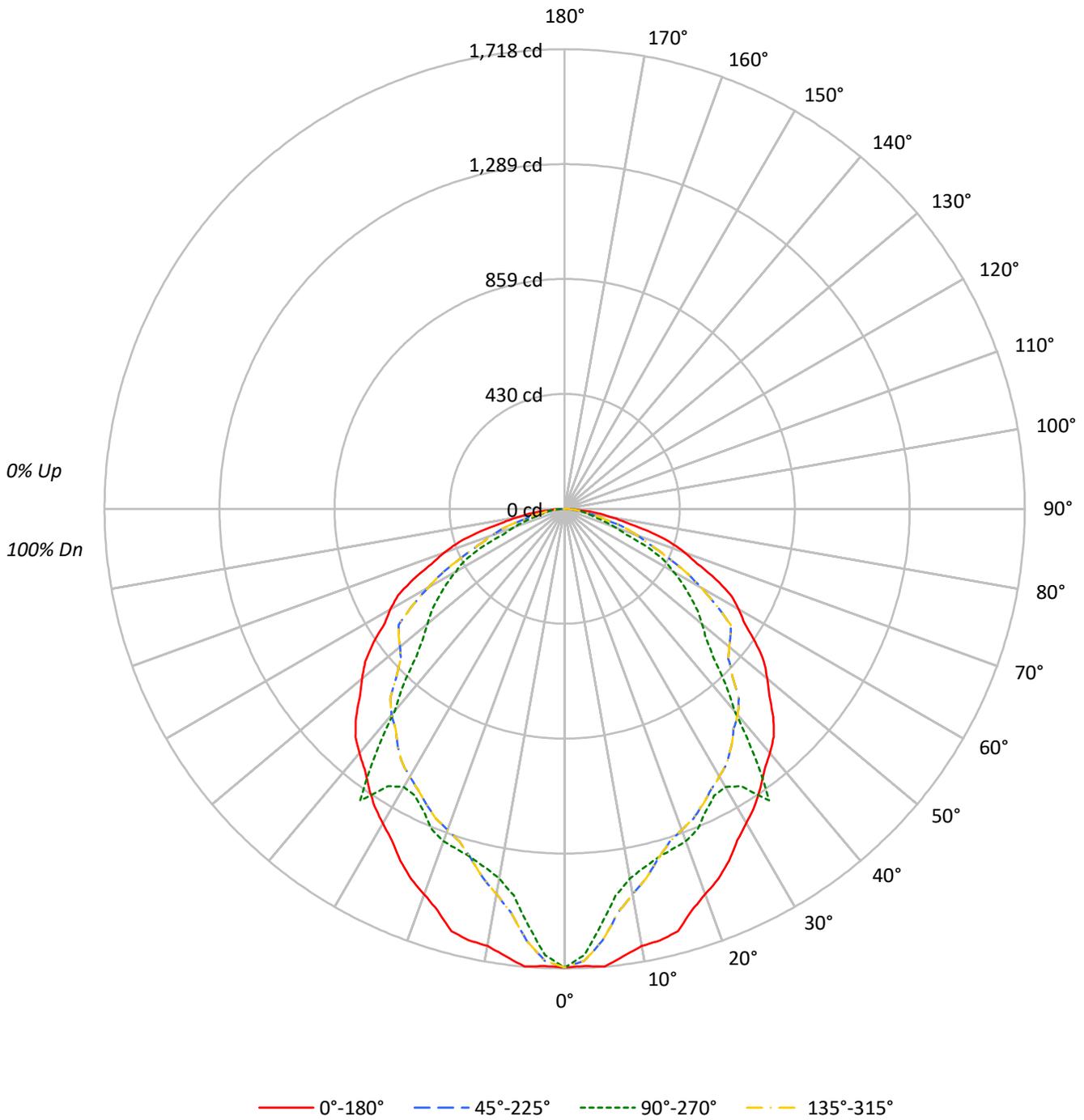
Lumens per Lamp: N/A  
Luminaire Lumens: 3790.3 lumens  
Efficiency: N/A  
Efficacy: 142.0 lumens/watt  
Spacing Criteria (0/90/45): 1.19 / 1.02 / 1.23  
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')  
CIE Type: Direct

Input Watts (W): 26.7  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): 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: P1427825

CATALOG NUMBER: SQ2W-PH1-0U-075D-L830-UNV-STD-W-WM-4

### Luminous Intensity Polar Plot





TEST NUMBER: P1427825

CATALOG NUMBER: SQ2W-PH1-0U-075D-L830-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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				
1	109	105	101	97	107	103	99	96	99	96	93	95	92	90	91	89	87	85				
2	100	92	86	80	97	90	84	79	87	82	77	84	79	76	81	77	74	72				
3	91	81	73	67	89	80	72	67	77	71	65	74	69	64	72	67	63	61				
4	84	72	64	57	82	71	63	57	69	62	56	66	60	55	64	59	55	53				
5	77	65	56	50	75	64	56	49	62	54	49	60	53	48	58	52	48	46				
6	72	59	50	44	70	58	49	43	56	48	43	54	48	43	53	47	42	40				
7	66	53	45	39	65	52	44	38	51	43	38	49	43	38	48	42	38	36				
8	62	49	40	35	60	48	40	34	47	39	34	45	39	34	44	38	34	32				
9	58	45	37	31	56	44	36	31	43	36	31	42	35	31	41	35	31	29				
10	54	41	34	28	53	41	33	28	40	33	28	39	33	28	38	32	28	26				

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

	0°	90°	180°	270°
0°	27677	27677	27677	27677
5°	27836	25298	27836	25298
10°	27195	22997	27195	22997
15°	27317	22547	27317	22547
20°	26343	22728	26343	22728
25°	25860	22199	25860	22199
30°	25299	22379	25299	22379
35°	25107	26232	25107	26232
40°	25130	20798	25130	20798
45°	25139	17913	25139	17913
50°	24786	16796	24786	16796
55°	24470	16115	24470	16115
60°	24228	15115	24228	15115
65°	23805	13146	23805	13146
70°	22484	9394	22484	9394
75°	20043	7124	20043	7124
80°	16383	6676	16383	6676
85°	10281	4539	10281	4539

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 25139 cd/sqm



TEST NUMBER: P1427825

CATALOG NUMBER: SQ2W-PH1-0U-075D-L830-UNV-STD-W-WM-4

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	150.8	4.0
10°-20°	396.8	10.5
20°-30°	581.7	15.3
30°-40°	704.4	18.6
40°-50°	692.6	18.3
50°-60°	602.5	15.9
60°-70°	419.0	11.1
70°-80°	198.7	5.2
80°-90°	43.8	1.2
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°	1129.3	29.8
0°-40°	1833.6	48.4
0°-60°	3128.7	82.5
0°-90°	3790.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3790.3	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1714	1714	1714	1714	1714	
5°	1718	1561	1718	1561	1718	162
15°	1634	1349	1634	1349	1634	456
25°	1452	1246	1452	1246	1452	668
35°	1274	1331	1274	1331	1274	798
45°	1101	784	1101	784	1101	846
55°	869	572	869	572	869	777
65°	623	344	623	344	623	612
75°	321	114	321	114	321	340
85°	56	24	56	24	56	76
90°	0	0	0	0	0	



TEST NUMBER: P1427825

CATALOG NUMBER: SQ2W-PH1-OU-075D-L830-UNV-STD-W-WM-4

**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
0°	1714.2	1714.2	1714.2	1714.2	1714.2	1714.2	1714.2	1714.2	1714.2	1714.2	1714.2
2.5°	1710.3	1718.4	1726.5	1715.1	1697.1	1684.6	1677.7	1672.2	1671.0	1669.9	1671.0
5°	1717.5	1716.8	1716.0	1682.1	1637.2	1603.5	1581.0	1563.8	1562.4	1560.9	1562.4
7.5°	1686.2	1663.7	1641.2	1595.7	1542.5	1503.5	1478.7	1459.8	1458.7	1457.5	1458.7
10°	1658.8	1624.7	1590.6	1539.2	1481.9	1442.0	1419.6	1402.7	1402.7	1402.7	1402.7
12.5°	1652.2	1598.5	1544.7	1488.3	1431.0	1394.0	1377.4	1365.7	1369.2	1372.7	1369.2
15°	1634.3	1553.1	1471.9	1414.7	1365.4	1338.5	1334.2	1332.9	1340.9	1348.9	1340.9
17.5°	1574.9	1487.5	1400.1	1349.7	1311.8	1297.4	1306.7	1316.0	1325.2	1334.5	1325.2
20°	1533.2	1446.9	1360.7	1314.1	1280.7	1272.8	1290.2	1305.4	1314.1	1322.8	1314.1
22.5°	1497.9	1410.5	1323.1	1281.9	1256.1	1252.7	1271.9	1287.4	1292.0	1296.7	1292.0
25°	1451.6	1353.0	1254.5	1224.4	1217.1	1221.8	1238.5	1250.5	1248.3	1246.1	1248.3
27.5°	1396.2	1293.2	1190.3	1171.0	1179.5	1188.9	1199.0	1207.0	1208.3	1209.6	1208.3
30°	1357.0	1254.1	1151.2	1135.7	1149.5	1161.5	1171.6	1181.6	1191.0	1200.4	1191.0
32.5°	1319.2	1212.8	1106.4	1095.3	1116.0	1138.4	1162.5	1185.9	1207.6	1229.2	1207.6
35°	1273.8	1162.9	1052.0	1043.3	1068.7	1101.3	1141.2	1188.8	1259.9	1330.9	1259.9
37.5°	1226.2	1107.3	988.4	984.5	1018.9	1053.2	1087.6	1119.0	1141.6	1164.2	1141.6
40°	1192.3	1067.6	942.9	942.7	984.1	1026.8	1071.1	1091.2	1039.0	986.8	1039.0
42.5°	1155.8	1031.1	906.4	902.7	939.4	986.5	1044.1	1065.2	977.1	888.9	977.1
45°	1101.0	971.2	841.4	836.7	873.7	899.8	915.0	910.7	847.6	784.5	847.6
47.5°	1036.4	912.7	789.0	788.0	827.9	830.8	796.7	765.0	740.3	715.7	740.3
50°	986.8	870.1	753.4	758.4	804.1	799.8	745.4	700.6	684.7	668.7	684.7
52.5°	938.5	827.6	716.7	730.2	785.1	776.4	704.1	647.1	636.4	625.7	636.4
55°	869.3	762.8	656.2	686.7	762.8	751.2	651.9	576.8	574.7	572.5	574.7
57.5°	795.9	695.2	594.4	615.6	677.3	665.1	579.0	515.4	519.1	522.9	519.1
60°	750.3	652.4	554.6	557.3	593.5	581.9	522.5	476.8	472.5	468.1	472.5
62.5°	702.0	608.8	515.6	502.0	515.1	501.5	461.2	429.8	425.5	421.1	425.5
65°	623.1	538.2	453.4	427.9	422.1	402.5	369.2	344.1	344.1	344.1	344.1
67.5°	536.3	462.3	388.4	359.8	346.3	326.9	301.5	278.1	260.7	243.4	260.7
70°	476.3	411.0	345.8	315.9	297.8	274.6	246.3	222.2	210.6	199.0	210.6
72.5°	412.3	356.4	300.4	269.8	247.6	225.0	201.9	181.3	168.0	154.6	168.0
75°	321.3	276.4	231.4	201.7	177.1	154.2	133.2	117.1	115.6	114.2	115.6
77.5°	232.3	199.5	166.7	142.7	121.5	105.6	95.0	87.1	87.3	87.4	87.3
80°	176.2	151.5	126.9	104.4	82.6	71.4	70.7	70.3	71.0	71.8	71.0
82.5°	124.0	105.7	87.4	73.1	60.0	54.0	55.0	55.8	56.0	56.1	56.0
85°	55.5	46.8	38.1	34.8	33.3	31.2	28.3	25.9	25.2	24.5	25.2
87.5°	11.7	11.2	10.6	9.1	7.4	6.5	6.5	6.5	6.5	6.5	6.5
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: P1427825

CATALOG NUMBER: SQ2W-PH1-0U-075D-L830-UNV-STD-W-WM-4

**CANDELA DISTRIBUTION (continued):**

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
0°	1714.2	1714.2	1714.2	1714.2	1714.2	1714.2	1714.2	1714.2	1714.2	1714.2	1714.2
2.5°	1672.2	1677.7	1684.6	1697.1	1715.1	1726.5	1718.4	1710.3	1718.4	1726.5	1715.1
5°	1563.8	1581.0	1603.5	1637.2	1682.1	1716.0	1716.8	1717.5	1716.8	1716.0	1682.1
7.5°	1459.8	1478.7	1503.5	1542.5	1595.7	1641.2	1663.7	1686.2	1663.7	1641.2	1595.7
10°	1402.7	1419.6	1442.0	1481.9	1539.2	1590.6	1624.7	1658.8	1624.7	1590.6	1539.2
12.5°	1365.7	1377.4	1394.0	1431.0	1488.3	1544.7	1598.5	1652.2	1598.5	1544.7	1488.3
15°	1332.9	1334.2	1338.5	1365.4	1414.7	1471.9	1553.1	1634.3	1553.1	1471.9	1414.7
17.5°	1316.0	1306.7	1297.4	1311.8	1349.7	1400.1	1487.5	1574.9	1487.5	1400.1	1349.7
20°	1305.4	1290.2	1272.8	1280.7	1314.1	1360.7	1446.9	1533.2	1446.9	1360.7	1314.1
22.5°	1287.4	1271.9	1252.7	1256.1	1281.9	1323.1	1410.5	1497.9	1410.5	1323.1	1281.9
25°	1250.5	1238.5	1221.8	1217.1	1224.4	1254.5	1353.0	1451.6	1353.0	1254.5	1224.4
27.5°	1207.0	1199.0	1188.9	1179.5	1171.0	1190.3	1293.2	1396.2	1293.2	1190.3	1171.0
30°	1181.6	1171.6	1161.5	1149.5	1135.7	1151.2	1254.1	1357.0	1254.1	1151.2	1135.7
32.5°	1185.9	1162.5	1138.4	1116.0	1095.3	1106.4	1212.8	1319.2	1212.8	1106.4	1095.3
35°	1188.8	1141.2	1101.3	1068.7	1043.3	1052.0	1162.9	1273.8	1162.9	1052.0	1043.3
37.5°	1119.0	1087.6	1053.2	1018.9	984.5	988.4	1107.3	1226.2	1107.3	988.4	984.5
40°	1091.2	1071.1	1026.8	984.1	942.7	942.9	1067.6	1192.3	1067.6	942.9	942.7
42.5°	1065.2	1044.1	986.5	939.4	902.7	906.4	1031.1	1155.8	1031.1	906.4	902.7
45°	910.7	915.0	899.8	873.7	836.7	841.4	971.2	1101.0	971.2	841.4	836.7
47.5°	765.0	796.7	830.8	827.9	788.0	789.0	912.7	1036.4	912.7	789.0	788.0
50°	700.6	745.4	799.8	804.1	758.4	753.4	870.1	986.8	870.1	753.4	758.4
52.5°	647.1	704.1	776.4	785.1	730.2	716.7	827.6	938.5	827.6	716.7	730.2
55°	576.8	651.9	751.2	762.8	686.7	656.2	762.8	869.3	762.8	656.2	686.7
57.5°	515.4	579.0	665.1	677.3	615.6	594.4	695.2	795.9	695.2	594.4	615.6
60°	476.8	522.5	581.9	593.5	557.3	554.6	652.4	750.3	652.4	554.6	557.3
62.5°	429.8	461.2	501.5	515.1	502.0	515.6	608.8	702.0	608.8	515.6	502.0
65°	344.1	369.2	402.5	422.1	427.9	453.4	538.2	623.1	538.2	453.4	427.9
67.5°	278.1	301.5	326.9	346.3	359.8	388.4	462.3	536.3	462.3	388.4	359.8
70°	222.2	246.3	274.6	297.8	315.9	345.8	411.0	476.3	411.0	345.8	315.9
72.5°	181.3	201.9	225.0	247.6	269.8	300.4	356.4	412.3	356.4	300.4	269.8
75°	117.1	133.2	154.2	177.1	201.7	231.4	276.4	321.3	276.4	231.4	201.7
77.5°	87.1	95.0	105.6	121.5	142.7	166.7	199.5	232.3	199.5	166.7	142.7
80°	70.3	70.7	71.4	82.6	104.4	126.9	151.5	176.2	151.5	126.9	104.4
82.5°	55.8	55.0	54.0	60.0	73.1	87.4	105.7	124.0	105.7	87.4	73.1
85°	25.9	28.3	31.2	33.3	34.8	38.1	46.8	55.5	46.8	38.1	34.8
87.5°	6.5	6.5	6.5	7.4	9.1	10.6	11.2	11.7	11.2	10.6	9.1
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: P1427825

CATALOG NUMBER: SQ2W-PH1-OU-075D-L830-UNV-STD-W-WM-4

**CANDELA DISTRIBUTION (continued):**

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
0°	1714.2	1714.2	1714.2	1714.2	1714.2	1714.2	1714.2	1714.2	1714.2	1714.2	1714.2
2.5°	1697.1	1684.6	1677.7	1672.2	1671.0	1669.9	1671.0	1672.2	1677.7	1684.6	1697.1
5°	1637.2	1603.5	1581.0	1563.8	1562.4	1560.9	1562.4	1563.8	1581.0	1603.5	1637.2
7.5°	1542.5	1503.5	1478.7	1459.8	1458.7	1457.5	1458.7	1459.8	1478.7	1503.5	1542.5
10°	1481.9	1442.0	1419.6	1402.7	1402.7	1402.7	1402.7	1402.7	1419.6	1442.0	1481.9
12.5°	1431.0	1394.0	1377.4	1365.7	1369.2	1372.7	1369.2	1365.7	1377.4	1394.0	1431.0
15°	1365.4	1338.5	1334.2	1332.9	1340.9	1348.9	1340.9	1332.9	1334.2	1338.5	1365.4
17.5°	1311.8	1297.4	1306.7	1316.0	1325.2	1334.5	1325.2	1316.0	1306.7	1297.4	1311.8
20°	1280.7	1272.8	1290.2	1305.4	1314.1	1322.8	1314.1	1305.4	1290.2	1272.8	1280.7
22.5°	1256.1	1252.7	1271.9	1287.4	1292.0	1296.7	1292.0	1287.4	1271.9	1252.7	1256.1
25°	1217.1	1221.8	1238.5	1250.5	1248.3	1246.1	1248.3	1250.5	1238.5	1221.8	1217.1
27.5°	1179.5	1188.9	1199.0	1207.0	1208.3	1209.6	1208.3	1207.0	1199.0	1188.9	1179.5
30°	1149.5	1161.5	1171.6	1181.6	1191.0	1200.4	1191.0	1181.6	1171.6	1161.5	1149.5
32.5°	1116.0	1138.4	1162.5	1185.9	1207.6	1229.2	1207.6	1185.9	1162.5	1138.4	1116.0
35°	1068.7	1101.3	1141.2	1188.8	1259.9	1330.9	1259.9	1188.8	1141.2	1101.3	1068.7
37.5°	1018.9	1053.2	1087.6	1119.0	1141.6	1164.2	1141.6	1119.0	1087.6	1053.2	1018.9
40°	984.1	1026.8	1071.1	1091.2	1039.0	986.8	1039.0	1091.2	1071.1	1026.8	984.1
42.5°	939.4	986.5	1044.1	1065.2	977.1	888.9	977.1	1065.2	1044.1	986.5	939.4
45°	873.7	899.8	915.0	910.7	847.6	784.5	847.6	910.7	915.0	899.8	873.7
47.5°	827.9	830.8	796.7	765.0	740.3	715.7	740.3	765.0	796.7	830.8	827.9
50°	804.1	799.8	745.4	700.6	684.7	668.7	684.7	700.6	745.4	799.8	804.1
52.5°	785.1	776.4	704.1	647.1	636.4	625.7	636.4	647.1	704.1	776.4	785.1
55°	762.8	751.2	651.9	576.8	574.7	572.5	574.7	576.8	651.9	751.2	762.8
57.5°	677.3	665.1	579.0	515.4	519.1	522.9	519.1	515.4	579.0	665.1	677.3
60°	593.5	581.9	522.5	476.8	472.5	468.1	472.5	476.8	522.5	581.9	593.5
62.5°	515.1	501.5	461.2	429.8	425.5	421.1	425.5	429.8	461.2	501.5	515.1
65°	422.1	402.5	369.2	344.1	344.1	344.1	344.1	344.1	369.2	402.5	422.1
67.5°	346.3	326.9	301.5	278.1	260.7	243.4	260.7	278.1	301.5	326.9	346.3
70°	297.8	274.6	246.3	222.2	210.6	199.0	210.6	222.2	246.3	274.6	297.8
72.5°	247.6	225.0	201.9	181.3	168.0	154.6	168.0	181.3	201.9	225.0	247.6
75°	177.1	154.2	133.2	117.1	115.6	114.2	115.6	117.1	133.2	154.2	177.1
77.5°	121.5	105.6	95.0	87.1	87.3	87.4	87.3	87.1	95.0	105.6	121.5
80°	82.6	71.4	70.7	70.3	71.0	71.8	71.0	70.3	70.7	71.4	82.6
82.5°	60.0	54.0	55.0	55.8	56.0	56.1	56.0	55.8	55.0	54.0	60.0
85°	33.3	31.2	28.3	25.9	25.2	24.5	25.2	25.9	28.3	31.2	33.3
87.5°	7.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	7.4
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: P1427825

CATALOG NUMBER: SQ2W-PH1-0U-075D-L830-UNV-STD-W-WM-4

**CANDELA DISTRIBUTION (continued):**

	330°	340°	350°	360°
0°	1714.2	1714.2	1714.2	1714.2
2.5°	1715.1	1726.5	1718.4	1710.3
5°	1682.1	1716.0	1716.8	1717.5
7.5°	1595.7	1641.2	1663.7	1686.2
10°	1539.2	1590.6	1624.7	1658.8
12.5°	1488.3	1544.7	1598.5	1652.2
15°	1414.7	1471.9	1553.1	1634.3
17.5°	1349.7	1400.1	1487.5	1574.9
20°	1314.1	1360.7	1446.9	1533.2
22.5°	1281.9	1323.1	1410.5	1497.9
25°	1224.4	1254.5	1353.0	1451.6
27.5°	1171.0	1190.3	1293.2	1396.2
30°	1135.7	1151.2	1254.1	1357.0
32.5°	1095.3	1106.4	1212.8	1319.2
35°	1043.3	1052.0	1162.9	1273.8
37.5°	984.5	988.4	1107.3	1226.2
40°	942.7	942.9	1067.6	1192.3
42.5°	902.7	906.4	1031.1	1155.8
45°	836.7	841.4	971.2	1101.0
47.5°	788.0	789.0	912.7	1036.4
50°	758.4	753.4	870.1	986.8
52.5°	730.2	716.7	827.6	938.5
55°	686.7	656.2	762.8	869.3
57.5°	615.6	594.4	695.2	795.9
60°	557.3	554.6	652.4	750.3
62.5°	502.0	515.6	608.8	702.0
65°	427.9	453.4	538.2	623.1
67.5°	359.8	388.4	462.3	536.3
70°	315.9	345.8	411.0	476.3
72.5°	269.8	300.4	356.4	412.3
75°	201.7	231.4	276.4	321.3
77.5°	142.7	166.7	199.5	232.3
80°	104.4	126.9	151.5	176.2
82.5°	73.1	87.4	105.7	124.0
85°	34.8	38.1	46.8	55.5
87.5°	9.1	10.6	11.2	11.7
90°	0.0	0.0	0.0	0.0

TEST NUMBER: P1427825  
 CATALOG NUMBER: SQ2W-PH1-0U-075D-L830-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	22.26	23.85	22.62	24.16	24.48	21.09	22.68	21.45	22.99	23.30
	3H	24.48	25.92	24.86	26.24	26.60	22.19	23.62	22.57	23.95	24.31
	4H	25.33	26.67	25.73	27.02	27.40	22.47	23.81	22.86	24.16	24.53
	6H	25.83	27.08	26.24	27.44	27.83	22.64	23.89	23.05	24.25	24.64
	8H	26.01	27.19	26.43	27.58	27.98	22.72	23.91	23.15	24.30	24.70
	12H	26.09	27.22	26.52	27.60	28.03	22.76	23.89	23.19	24.27	24.70
4H	2H	22.78	24.12	23.18	24.47	24.85	21.85	23.20	22.25	23.55	23.92
	3H	25.09	26.21	25.50	26.61	27.01	23.15	24.27	23.56	24.67	25.07
	4H	26.00	27.00	26.43	27.42	27.86	23.47	24.48	23.90	24.89	25.33
	6H	26.60	27.47	27.05	27.92	28.37	23.71	24.59	24.16	25.03	25.49
	8H	26.81	27.63	27.28	28.08	28.54	23.81	24.63	24.28	25.08	25.54
	12H	26.93	27.67	27.41	28.14	28.61	23.87	24.61	24.35	25.08	25.55
8H	4H	26.07	26.90	26.54	27.34	27.80	23.75	24.58	24.22	25.02	25.48
	6H	26.73	27.41	27.23	27.90	28.38	24.05	24.73	24.55	25.22	25.70
	8H	27.00	27.61	27.51	28.12	28.61	24.20	24.81	24.72	25.32	25.81
	12H	27.17	27.70	27.67	28.19	28.76	24.30	24.84	24.81	25.33	25.89
12H	4H	26.06	26.80	26.54	27.27	27.74	23.79	24.52	24.27	25.00	25.47
	6H	26.71	27.32	27.23	27.83	28.32	24.09	24.70	24.60	25.21	25.70
	8H	27.02	27.56	27.53	28.05	28.61	24.29	24.83	24.80	25.32	25.88