

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: P1428332

Luminaire Tested: SQ2W-PW1-0U-075D-L930-UNV-STD-W-WM-4

Issue Date: 3/10/2026

Test Information

Test Method: LM-79-2019
Report Number: P1428332
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2303-941-3, G2-2308-131-8)
Test Lab: INNOVATION CENTER
Issue Date: 3/10/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ2W-PW1-0U-075D-L930-UNV-STD-W-WM-4
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE
DOWNLIGHT - PERCEIVE WAVES LENS
UPLIGHT - ASYMMETRIC ROLL LENS
DOWNLIGHT 750 LUMENS PER FOOT
UPLIGHT N/A - DIRECT ONLY
Light Source: 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

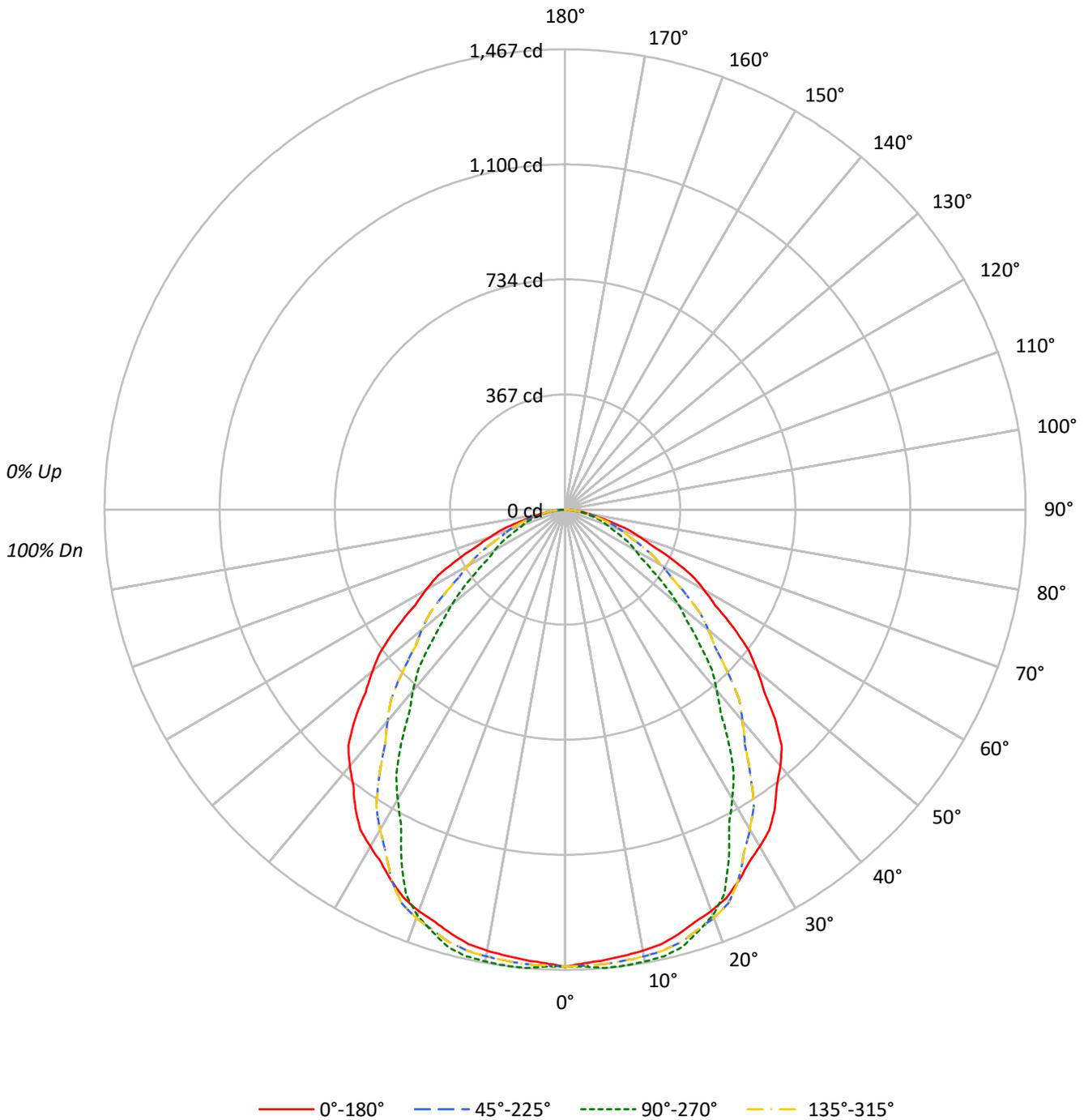
Lumens per Lamp: N/A
Luminaire Lumens: 3232.7 lumens
Efficiency: N/A
Efficacy: 121.1 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.11 / 1.23
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 26.7
Input Voltage (V): 120
Input Current (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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			100	
1	110	106	102	99	108	104	100	97	100	97	94	96	93	91	92	90	89	87			87	
2	101	94	88	83	99	92	87	82	89	84	80	85	82	78	82	79	76	74			74	
3	93	84	76	70	91	82	75	70	79	73	69	77	72	67	74	70	66	64			64	
4	86	75	67	61	84	74	66	61	71	65	60	69	63	59	67	62	58	56			56	
5	80	68	59	53	78	67	59	53	65	58	52	63	57	52	61	56	51	49			49	
6	74	62	53	47	72	61	53	47	59	52	47	57	51	46	56	50	46	44			44	
7	69	56	48	42	67	55	48	42	54	47	42	52	46	41	51	46	41	39			39	
8	64	52	44	38	63	51	43	38	50	43	38	48	42	37	47	42	37	35			35	
9	60	48	40	35	59	47	40	34	46	39	34	45	39	34	44	38	34	32			32	
10	57	44	37	32	55	44	36	31	43	36	31	42	36	31	41	35	31	29			29	

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	23521	23521	23521	23521
5°	23364	23770	23364	23770
10°	23407	23975	23407	23975
15°	23401	24120	23401	24120
20°	23410	23649	23410	23649
25°	23284	21974	23284	21974
30°	23125	19866	23125	19866
35°	22945	17940	22945	17940
40°	22489	15850	22489	15850
45°	21607	13844	21607	13844
50°	20109	11848	20109	11848
55°	18395	9607	18395	9607
60°	16488	8289	16488	8289
65°	14418	7369	14418	7369
70°	11787	6680	11787	6680
75°	9176	6145	9176	6145
80°	6834	5421	6834	5421
85°	4631	3075	4631	3075

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 21607 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	138.7	4.3
10°-20°	402.0	12.4
20°-30°	591.5	18.3
30°-40°	646.7	20.0
40°-50°	580.2	17.9
50°-60°	432.8	13.4
60°-70°	273.5	8.5
70°-80°	135.5	4.2
80°-90°	31.7	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°	1132.2	35.0
0°-40°	1778.9	55.0
0°-60°	2791.9	86.4
0°-90°	3232.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3232.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1457	1457	1457	1457	1457	
5°	1442	1467	1442	1467	1442	137
15°	1400	1443	1400	1443	1400	395
25°	1307	1234	1307	1234	1307	602
35°	1164	910	1164	910	1164	726
45°	946	606	946	606	946	726
55°	654	341	654	341	654	584
65°	377	193	377	193	377	374
75°	147	98	147	98	147	162
85°	25	17	25	17	25	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°	1456.8	1456.8	1456.8	1456.8	1456.8	1456.8	1456.8	1456.8	1456.8	1456.8	1456.8
2.5°	1446.9	1455.2	1463.6	1461.7	1456.2	1453.8	1454.3	1455.0	1456.5	1458.0	1456.5
5°	1441.6	1452.1	1462.6	1461.0	1455.5	1453.0	1453.6	1455.5	1461.0	1466.6	1461.0
7.5°	1434.4	1445.0	1455.6	1455.1	1450.9	1449.8	1451.9	1454.9	1460.3	1465.7	1460.3
10°	1427.7	1438.8	1449.9	1449.9	1446.2	1445.9	1449.0	1452.5	1457.5	1462.4	1457.5
12.5°	1418.8	1430.4	1442.0	1442.9	1440.2	1440.6	1444.2	1448.1	1453.0	1458.0	1453.0
15°	1400.0	1412.3	1424.6	1427.2	1426.6	1428.5	1432.8	1436.8	1439.9	1443.0	1439.9
17.5°	1378.0	1390.4	1402.7	1405.1	1404.3	1404.4	1405.5	1406.7	1408.2	1409.7	1408.2
20°	1362.5	1374.8	1387.2	1388.9	1387.0	1383.9	1379.6	1376.4	1376.4	1376.4	1376.4
22.5°	1340.3	1353.6	1366.9	1367.0	1362.7	1354.7	1343.0	1333.2	1329.3	1325.3	1329.3
25°	1307.0	1320.0	1332.9	1326.9	1314.6	1296.4	1272.3	1252.0	1242.7	1233.5	1242.7
27.5°	1268.2	1278.6	1289.1	1273.4	1249.0	1219.7	1185.6	1156.7	1143.9	1131.1	1143.9
30°	1240.4	1248.4	1256.4	1231.6	1195.8	1159.2	1121.5	1090.2	1077.9	1065.6	1077.9
32.5°	1211.5	1214.6	1217.7	1185.0	1140.3	1098.5	1059.4	1026.7	1013.4	1000.1	1013.4
35°	1164.1	1158.5	1153.0	1109.5	1053.4	1005.6	966.1	933.6	921.9	910.2	921.9
37.5°	1108.0	1091.5	1075.0	1026.0	966.2	915.6	874.3	840.1	827.1	814.2	827.1
40°	1067.0	1043.5	1020.1	967.5	905.2	853.5	812.1	777.9	765.0	752.0	765.0
42.5°	1021.5	992.1	962.8	908.7	846.4	794.6	753.3	719.0	705.5	692.1	705.5
45°	946.3	911.7	877.2	820.9	757.4	705.6	665.5	632.2	619.3	606.3	619.3
47.5°	861.6	827.3	793.0	736.9	673.5	622.4	583.6	551.7	540.6	529.5	540.6
50°	800.6	767.3	734.0	680.3	619.9	570.3	531.4	498.9	485.3	471.7	485.3
52.5°	738.4	708.6	678.7	627.0	568.1	518.7	478.9	444.4	425.9	407.4	425.9
55°	653.5	625.1	596.8	548.1	492.6	442.6	398.2	362.3	351.8	341.3	351.8
57.5°	566.1	541.5	517.0	473.2	423.0	377.8	337.4	305.0	296.4	287.8	296.4
60°	510.6	489.0	467.4	425.5	376.8	335.5	301.5	273.9	265.3	256.7	265.3
62.5°	457.3	438.2	419.1	378.9	331.6	294.5	267.5	245.5	238.3	231.2	238.3
65°	377.4	363.2	349.0	315.9	276.4	245.6	223.4	205.2	199.0	192.9	199.0
67.5°	299.7	291.8	283.9	259.1	228.6	203.7	184.2	168.5	164.5	160.4	164.5
70°	249.7	247.3	244.8	224.3	197.8	176.5	160.5	147.7	144.6	141.5	144.6
72.5°	206.5	207.4	208.4	191.4	168.3	150.5	137.9	128.0	125.9	123.8	125.9
75°	147.1	152.0	156.9	145.7	129.0	116.4	107.8	101.0	99.7	98.5	99.7
77.5°	100.2	107.6	115.0	107.7	95.5	86.1	79.7	74.7	73.7	72.7	73.7
80°	73.5	80.9	88.3	83.2	74.0	66.9	62.0	58.3	58.3	58.3	58.3
82.5°	51.3	57.3	63.2	59.6	52.8	48.2	45.7	43.8	43.8	43.8	43.8
85°	25.0	28.1	31.1	30.1	27.6	24.5	20.8	17.9	17.3	16.6	17.3
87.5°	6.7	8.1	9.6	8.1	5.7	4.2	3.7	3.3	3.3	3.3	3.3
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°	1456.8	1456.8	1456.8	1456.8	1456.8	1456.8	1456.8	1456.8	1456.8	1456.8	1456.8
2.5°	1455.0	1454.3	1453.8	1456.2	1461.7	1463.6	1455.2	1446.9	1455.2	1463.6	1461.7
5°	1455.5	1453.6	1453.0	1455.5	1461.0	1462.6	1452.1	1441.6	1452.1	1462.6	1461.0
7.5°	1454.9	1451.9	1449.8	1450.9	1455.1	1455.6	1445.0	1434.4	1445.0	1455.6	1455.1
10°	1452.5	1449.0	1445.9	1446.2	1449.9	1449.9	1438.8	1427.7	1438.8	1449.9	1449.9
12.5°	1448.1	1444.2	1440.6	1440.2	1442.9	1442.0	1430.4	1418.8	1430.4	1442.0	1442.9
15°	1436.8	1432.8	1428.5	1426.6	1427.2	1424.6	1412.3	1400.0	1412.3	1424.6	1427.2
17.5°	1406.7	1405.5	1404.4	1404.3	1405.1	1402.7	1390.4	1378.0	1390.4	1402.7	1405.1
20°	1376.4	1379.6	1383.9	1387.0	1388.9	1387.2	1374.8	1362.5	1374.8	1387.2	1388.9
22.5°	1333.2	1343.0	1354.7	1362.7	1367.0	1366.9	1353.6	1340.3	1353.6	1366.9	1367.0
25°	1252.0	1272.3	1296.4	1314.6	1326.9	1332.9	1320.0	1307.0	1320.0	1332.9	1326.9
27.5°	1156.7	1185.6	1219.7	1249.0	1273.4	1289.1	1278.6	1268.2	1278.6	1289.1	1273.4
30°	1090.2	1121.5	1159.2	1195.8	1231.6	1256.4	1248.4	1240.4	1248.4	1256.4	1231.6
32.5°	1026.7	1059.4	1098.5	1140.3	1185.0	1217.7	1214.6	1211.5	1214.6	1217.7	1185.0
35°	933.6	966.1	1005.6	1053.4	1109.5	1153.0	1158.5	1164.1	1158.5	1153.0	1109.5
37.5°	840.1	874.3	915.6	966.2	1026.0	1075.0	1091.5	1108.0	1091.5	1075.0	1026.0
40°	777.9	812.1	853.5	905.2	967.5	1020.1	1043.5	1067.0	1043.5	1020.1	967.5
42.5°	719.0	753.3	794.6	846.4	908.7	962.8	992.1	1021.5	992.1	962.8	908.7
45°	632.2	665.5	705.6	757.4	820.9	877.2	911.7	946.3	911.7	877.2	820.9
47.5°	551.7	583.6	622.4	673.5	736.9	793.0	827.3	861.6	827.3	793.0	736.9
50°	498.9	531.4	570.3	619.9	680.3	734.0	767.3	800.6	767.3	734.0	680.3
52.5°	444.4	478.9	518.7	568.1	627.0	678.7	708.6	738.4	708.6	678.7	627.0
55°	362.3	398.2	442.6	492.6	548.1	596.8	625.1	653.5	625.1	596.8	548.1
57.5°	305.0	337.4	377.8	423.0	473.2	517.0	541.5	566.1	541.5	517.0	473.2
60°	273.9	301.5	335.5	376.8	425.5	467.4	489.0	510.6	489.0	467.4	425.5
62.5°	245.5	267.5	294.5	331.6	378.9	419.1	438.2	457.3	438.2	419.1	378.9
65°	205.2	223.4	245.6	276.4	315.9	349.0	363.2	377.4	363.2	349.0	315.9
67.5°	168.5	184.2	203.7	228.6	259.1	283.9	291.8	299.7	291.8	283.9	259.1
70°	147.7	160.5	176.5	197.8	224.3	244.8	247.3	249.7	247.3	244.8	224.3
72.5°	128.0	137.9	150.5	168.3	191.4	208.4	207.4	206.5	207.4	208.4	191.4
75°	101.0	107.8	116.4	129.0	145.7	156.9	152.0	147.1	152.0	156.9	145.7
77.5°	74.7	79.7	86.1	95.5	107.7	115.0	107.6	100.2	107.6	115.0	107.7
80°	58.3	62.0	66.9	74.0	83.2	88.3	80.9	73.5	80.9	88.3	83.2
82.5°	43.8	45.7	48.2	52.8	59.6	63.2	57.3	51.3	57.3	63.2	59.6
85°	17.9	20.8	24.5	27.6	30.1	31.1	28.1	25.0	28.1	31.1	30.1
87.5°	3.3	3.7	4.2	5.7	8.1	9.6	8.1	6.7	8.1	9.6	8.1
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°	1456.8	1456.8	1456.8	1456.8	1456.8	1456.8	1456.8	1456.8	1456.8	1456.8	1456.8
2.5°	1456.2	1453.8	1454.3	1455.0	1456.5	1458.0	1456.5	1455.0	1454.3	1453.8	1456.2
5°	1455.5	1453.0	1453.6	1455.5	1461.0	1466.6	1461.0	1455.5	1453.6	1453.0	1455.5
7.5°	1450.9	1449.8	1451.9	1454.9	1460.3	1465.7	1460.3	1454.9	1451.9	1449.8	1450.9
10°	1446.2	1445.9	1449.0	1452.5	1457.5	1462.4	1457.5	1452.5	1449.0	1445.9	1446.2
12.5°	1440.2	1440.6	1444.2	1448.1	1453.0	1458.0	1453.0	1448.1	1444.2	1440.6	1440.2
15°	1426.6	1428.5	1432.8	1436.8	1439.9	1443.0	1439.9	1436.8	1432.8	1428.5	1426.6
17.5°	1404.3	1404.4	1405.5	1406.7	1408.2	1409.7	1408.2	1406.7	1405.5	1404.4	1404.3
20°	1387.0	1383.9	1379.6	1376.4	1376.4	1376.4	1376.4	1376.4	1379.6	1383.9	1387.0
22.5°	1362.7	1354.7	1343.0	1333.2	1329.3	1325.3	1329.3	1333.2	1343.0	1354.7	1362.7
25°	1314.6	1296.4	1272.3	1252.0	1242.7	1233.5	1242.7	1252.0	1272.3	1296.4	1314.6
27.5°	1249.0	1219.7	1185.6	1156.7	1143.9	1131.1	1143.9	1156.7	1185.6	1219.7	1249.0
30°	1195.8	1159.2	1121.5	1090.2	1077.9	1065.6	1077.9	1090.2	1121.5	1159.2	1195.8
32.5°	1140.3	1098.5	1059.4	1026.7	1013.4	1000.1	1013.4	1026.7	1059.4	1098.5	1140.3
35°	1053.4	1005.6	966.1	933.6	921.9	910.2	921.9	933.6	966.1	1005.6	1053.4
37.5°	966.2	915.6	874.3	840.1	827.1	814.2	827.1	840.1	874.3	915.6	966.2
40°	905.2	853.5	812.1	777.9	765.0	752.0	765.0	777.9	812.1	853.5	905.2
42.5°	846.4	794.6	753.3	719.0	705.5	692.1	705.5	719.0	753.3	794.6	846.4
45°	757.4	705.6	665.5	632.2	619.3	606.3	619.3	632.2	665.5	705.6	757.4
47.5°	673.5	622.4	583.6	551.7	540.6	529.5	540.6	551.7	583.6	622.4	673.5
50°	619.9	570.3	531.4	498.9	485.3	471.7	485.3	498.9	531.4	570.3	619.9
52.5°	568.1	518.7	478.9	444.4	425.9	407.4	425.9	444.4	478.9	518.7	568.1
55°	492.6	442.6	398.2	362.3	351.8	341.3	351.8	362.3	398.2	442.6	492.6
57.5°	423.0	377.8	337.4	305.0	296.4	287.8	296.4	305.0	337.4	377.8	423.0
60°	376.8	335.5	301.5	273.9	265.3	256.7	265.3	273.9	301.5	335.5	376.8
62.5°	331.6	294.5	267.5	245.5	238.3	231.2	238.3	245.5	267.5	294.5	331.6
65°	276.4	245.6	223.4	205.2	199.0	192.9	199.0	205.2	223.4	245.6	276.4
67.5°	228.6	203.7	184.2	168.5	164.5	160.4	164.5	168.5	184.2	203.7	228.6
70°	197.8	176.5	160.5	147.7	144.6	141.5	144.6	147.7	160.5	176.5	197.8
72.5°	168.3	150.5	137.9	128.0	125.9	123.8	125.9	128.0	137.9	150.5	168.3
75°	129.0	116.4	107.8	101.0	99.7	98.5	99.7	101.0	107.8	116.4	129.0
77.5°	95.5	86.1	79.7	74.7	73.7	72.7	73.7	74.7	79.7	86.1	95.5
80°	74.0	66.9	62.0	58.3	58.3	58.3	58.3	58.3	62.0	66.9	74.0
82.5°	52.8	48.2	45.7	43.8	43.8	43.8	43.8	43.8	45.7	48.2	52.8
85°	27.6	24.5	20.8	17.9	17.3	16.6	17.3	17.9	20.8	24.5	27.6
87.5°	5.7	4.2	3.7	3.3	3.3	3.3	3.3	3.3	3.7	4.2	5.7
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: P1428332

CATALOG NUMBER: SQ2W-PW1-0U-075D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
0°	1456.8	1456.8	1456.8	1456.8
2.5°	1461.7	1463.6	1455.2	1446.9
5°	1461.0	1462.6	1452.1	1441.6
7.5°	1455.1	1455.6	1445.0	1434.4
10°	1449.9	1449.9	1438.8	1427.7
12.5°	1442.9	1442.0	1430.4	1418.8
15°	1427.2	1424.6	1412.3	1400.0
17.5°	1405.1	1402.7	1390.4	1378.0
20°	1388.9	1387.2	1374.8	1362.5
22.5°	1367.0	1366.9	1353.6	1340.3
25°	1326.9	1332.9	1320.0	1307.0
27.5°	1273.4	1289.1	1278.6	1268.2
30°	1231.6	1256.4	1248.4	1240.4
32.5°	1185.0	1217.7	1214.6	1211.5
35°	1109.5	1153.0	1158.5	1164.1
37.5°	1026.0	1075.0	1091.5	1108.0
40°	967.5	1020.1	1043.5	1067.0
42.5°	908.7	962.8	992.1	1021.5
45°	820.9	877.2	911.7	946.3
47.5°	736.9	793.0	827.3	861.6
50°	680.3	734.0	767.3	800.6
52.5°	627.0	678.7	708.6	738.4
55°	548.1	596.8	625.1	653.5
57.5°	473.2	517.0	541.5	566.1
60°	425.5	467.4	489.0	510.6
62.5°	378.9	419.1	438.2	457.3
65°	315.9	349.0	363.2	377.4
67.5°	259.1	283.9	291.8	299.7
70°	224.3	244.8	247.3	249.7
72.5°	191.4	208.4	207.4	206.5
75°	145.7	156.9	152.0	147.1
77.5°	107.7	115.0	107.6	100.2
80°	83.2	88.3	80.9	73.5
82.5°	59.6	63.2	57.3	51.3
85°	30.1	31.1	28.1	25.0
87.5°	8.1	9.6	8.1	6.7
90°	0.0	0.0	0.0	0.0



TEST NUMBER: P1428332
 CATALOG NUMBER: SQ2W-PW1-0U-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	21.81	23.31	22.17	23.62	23.94	18.05	19.56	18.42	19.87	20.19
	3H	23.15	24.50	23.53	24.83	25.19	19.37	20.72	19.75	21.04	21.41
	4H	23.59	24.85	23.99	25.20	25.58	19.90	21.17	20.30	21.51	21.89
	6H	23.80	24.97	24.21	25.33	25.72	20.24	21.41	20.66	21.77	22.17
	8H	23.86	24.97	24.29	25.36	25.76	20.37	21.48	20.80	21.87	22.27
	12H	23.88	24.94	24.31	25.32	25.75	20.42	21.48	20.85	21.87	22.30
4H	2H	22.01	23.27	22.41	23.62	24.00	18.94	20.20	19.34	20.55	20.93
	3H	23.61	24.65	24.02	25.05	25.45	20.44	21.48	20.85	21.88	22.29
	4H	24.18	25.12	24.61	25.53	25.97	21.04	21.98	21.48	22.40	22.84
	6H	24.52	25.34	24.98	25.78	26.24	21.46	22.27	21.92	22.72	23.18
	8H	24.62	25.38	25.09	25.83	26.30	21.62	22.38	22.09	22.83	23.29
	12H	24.67	25.35	25.16	25.83	26.30	21.69	22.37	22.17	22.85	23.32
8H	4H	24.26	25.02	24.72	25.47	25.93	21.43	22.19	21.89	22.64	23.10
	6H	24.70	25.33	25.20	25.82	26.30	21.94	22.57	22.44	23.06	23.54
	8H	24.87	25.44	25.39	25.95	26.44	22.16	22.73	22.68	23.24	23.73
	12H	24.98	25.48	25.49	25.97	26.54	22.27	22.77	22.78	23.27	23.83
12H	4H	24.25	24.93	24.73	25.40	25.88	21.48	22.16	21.96	22.63	23.11
	6H	24.70	25.26	25.21	25.77	26.26	22.02	22.59	22.54	23.10	23.58
	8H	24.91	25.41	25.42	25.91	26.47	22.29	22.79	22.80	23.28	23.85