

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: P1435910

Luminaire Tested: SQ2W-FB-K-025U-050D-L930-UNV-STD-W-WM-4

Issue Date: 3/24/2026

Test Information

Test Method: LM-79-2019
Report Number: P1435910
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2303-941-3, G2-2308-131-12)
Test Lab: INNOVATION CENTER
Issue Date: 3/24/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ2W-FB-K-025U-050D-L930-UNV-STD-W-WM-4
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE
DOWNLIGHT - FROSTED CONTINUOUS BATWING ROLL LENS
UPLIGHT - ASYMMETRIC ROLL LENS
DOWNLIGHT 500 LUMENS PER FOOT
UPLIGHT 250 LUMENS PER FOOT
Light Source: 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

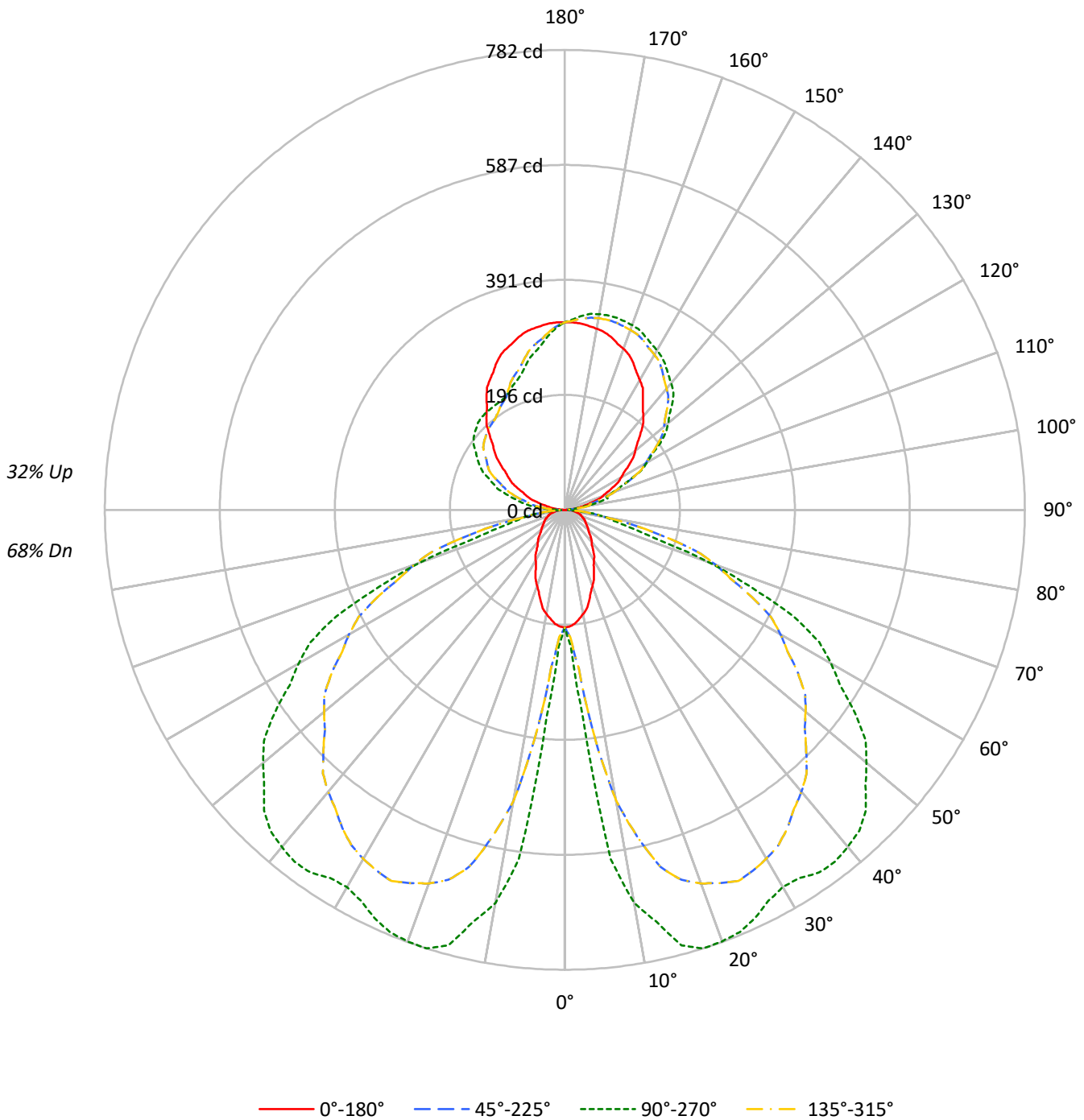
Lumens per Lamp: N/A
Luminaire Lumens: 2908.2 lumens
Efficiency: N/A
Efficacy: 114.9 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 2.98 / 2.52
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: Semi-Direct

Input Watts (W): 25.3
Input Voltage (V): 120
Input Current (A_{in}): 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	111	111	111	111	105	105	105	105	93	93	93	83	83	83	73	73	73	68				
1	102	97	93	89	96	92	88	85	82	79	76	72	70	68	64	62	61	57				
2	92	84	78	72	87	80	74	69	71	66	62	63	59	56	56	53	51	47				
3	84	73	66	59	78	69	62	57	62	56	52	55	51	47	49	45	42	39				
4	76	65	56	50	71	61	53	48	55	48	43	49	44	40	43	39	36	33				
5	70	57	48	42	65	54	46	40	49	42	37	43	38	34	38	34	31	28				
6	64	51	42	36	60	48	40	35	43	37	32	39	33	29	34	30	27	24				
7	59	46	37	31	55	44	36	30	39	33	28	35	30	26	31	27	23	21				
8	55	41	33	28	51	39	32	27	35	29	24	32	26	22	28	24	21	18				
9	51	38	30	24	48	36	29	23	32	26	22	29	24	20	26	22	18	16				
10	47	34	27	22	45	33	26	21	30	24	19	27	22	18	24	20	16	14				

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	3231	3231	3231	3231
5°	3149	5721	3149	5721
10°	2949	11132	2949	11132
15°	2669	12814	2669	12814
20°	2362	13419	2362	13419
25°	2090	13639	2090	13639
30°	1848	13807	1848	13807
35°	1650	14844	1650	14844
40°	1501	15772	1501	15772
45°	1384	16515	1384	16515
50°	1304	16814	1304	16814
55°	1272	16948	1272	16948
60°	1305	16866	1305	16866
65°	1360	16389	1360	16389
70°	1407	12396	1407	12396
75°	1560	6837	1560	6837
80°	1609	6350	1609	6350
85°	1612	2668	1612	2668

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 52.5°
 Luminance: 17101 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.5	1.2
10°-20°	152.9	5.3
20°-30°	269.1	9.3
30°-40°	348.4	12.0
40°-50°	384.2	13.2
50°-60°	358.6	12.3
60°-70°	277.0	9.5
70°-80°	127.7	4.4
80°-90°	25.7	0.9
90°-100°	25.4	0.9
100°-110°	74.0	2.5
110°-120°	120.8	4.2
120°-130°	153.3	5.3
130°-140°	164.0	5.6
140°-150°	153.1	5.3
150°-160°	126.0	4.3
160°-170°	84.5	2.9
170°-180°	30.0	1.0
0°-30°	455.6	15.7
0°-40°	803.9	27.6
0°-60°	1546.7	53.2
0°-90°	1977.2	68.0
90°-120°	220.2	7.6
90°-150°	690.5	23.7
90°-180°	931.0	32.0
0°-180°	2908.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	200	200	200	200	200	
5°	194	353	194	353	194	18
15°	160	767	160	767	160	45
25°	117	766	117	766	117	54
35°	84	753	84	753	84	53
45°	61	723	61	723	61	47
55°	45	602	45	602	45	41
65°	36	429	36	429	36	35
75°	25	110	25	110	25	26
85°	9	14	9	14	9	9
90°	1	7	1	14	1	1
95°	10	7	10	44	10	12
105°	47	75	47	104	47	50
115°	90	125	90	154	90	89
125°	133	198	133	189	133	119
135°	181	259	181	209	181	140
145°	232	299	232	214	232	145
155°	275	325	275	222	275	126
165°	304	338	304	255	304	86
175°	318	331	318	299	318	30
180°	319	319	319	319	319	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
0°	200.1	200.1	200.1	200.1	200.1	200.1	200.1	200.1	200.1	200.1	200.1
2.5°	198.5	202.3	206.0	210.1	214.2	218.6	223.4	227.5	229.6	231.6	229.6
5°	194.3	207.1	219.9	238.5	259.0	282.3	308.4	330.8	341.9	353.0	341.9
7.5°	186.8	212.9	238.9	294.2	359.2	426.6	496.5	554.6	576.8	599.0	576.8
10°	179.9	216.2	252.5	346.2	459.1	545.9	606.6	655.1	667.1	679.0	667.1
12.5°	172.2	221.5	270.8	386.5	524.3	614.5	657.1	692.1	704.4	716.7	704.4
15°	159.7	230.2	300.7	431.5	582.4	675.2	709.8	739.2	752.9	766.6	752.9
17.5°	146.8	240.6	334.5	468.0	614.6	705.0	739.3	766.9	774.3	781.8	774.3
20°	137.5	247.8	358.1	491.8	633.3	718.8	748.3	771.6	776.3	781.0	776.3
22.5°	129.1	252.4	375.6	509.5	646.9	726.7	749.1	767.1	772.1	777.1	772.1
25°	117.3	256.3	395.2	528.7	660.3	733.2	747.3	758.8	762.2	765.6	762.2
27.5°	106.0	252.8	399.6	531.4	658.2	726.2	735.4	743.2	746.5	749.8	746.5
30°	99.1	248.3	397.4	528.0	652.4	718.0	724.9	731.2	735.9	740.6	735.9
32.5°	92.9	242.8	392.7	521.6	643.6	707.9	714.4	721.8	732.0	742.1	732.0
35°	83.7	231.2	378.6	506.2	627.2	692.8	703.1	715.5	734.3	753.1	734.3
37.5°	75.8	216.3	356.7	483.0	604.6	676.1	697.6	718.2	736.3	754.4	736.3
40°	71.2	205.8	340.5	465.8	588.1	663.5	692.2	717.5	732.9	748.3	732.9
42.5°	66.6	194.0	321.5	445.8	569.1	647.5	680.9	709.8	725.2	740.6	725.2
45°	60.6	175.2	289.7	412.9	539.0	621.8	661.1	694.2	708.7	723.3	708.7
47.5°	55.0	154.5	254.0	377.8	509.6	596.4	638.1	672.1	682.7	693.3	682.7
50°	51.9	140.9	229.8	353.9	489.9	578.4	619.4	652.3	660.9	669.4	660.9
52.5°	48.9	127.5	206.2	330.6	470.3	559.5	598.1	629.1	636.9	644.8	636.9
55°	45.2	109.3	173.4	296.6	439.3	527.6	561.4	588.4	595.3	602.1	595.3
57.5°	41.9	93.7	145.4	264.6	406.4	491.7	520.5	543.5	549.0	554.6	549.0
60°	40.4	85.3	130.2	244.6	382.3	464.1	490.2	511.1	516.7	522.3	516.7
62.5°	38.1	77.2	116.2	224.6	356.1	433.9	457.9	477.2	482.4	487.6	482.4
65°	35.6	67.2	98.9	196.5	316.2	386.1	406.2	422.1	425.5	429.0	425.5
67.5°	32.1	59.0	85.8	170.8	275.2	333.6	346.1	353.9	347.5	341.1	347.5
70°	29.8	54.6	79.4	155.2	247.9	296.4	300.7	299.3	281.0	262.6	281.0
72.5°	28.3	50.3	72.4	138.0	218.1	253.4	244.0	228.3	193.5	158.7	193.5
75°	25.0	43.0	60.9	110.3	170.1	179.5	138.5	107.9	108.8	109.6	108.8
77.5°	20.4	33.8	47.2	77.6	113.6	120.7	99.0	82.9	83.7	84.4	83.7
80°	17.3	28.0	38.7	50.7	63.1	68.8	68.0	67.4	67.9	68.3	67.9
82.5°	14.2	22.2	30.1	37.3	44.2	48.1	49.0	49.5	48.9	48.3	48.9
85°	8.7	13.4	18.1	20.8	23.0	22.3	18.9	16.1	15.3	14.4	15.3
87.5°	3.3	5.2	7.3	6.9	5.8	5.1	5.1	5.2	5.3	5.3	5.3
90°	1.0	2.3	3.9	5.2	6.1	6.4	6.4	6.8	7.1	7.1	7.1
92.5°	3.5	5.6	5.7	5.7	6.9	7.5	8.0	8.1	8.4	8.4	8.4
95°	10.0	11.0	16.4	16.1	11.0	8.7	7.4	7.4	7.4	7.4	7.4
97.5°	19.1	20.5	21.4	28.7	30.3	29.2	23.8	20.0	17.9	16.9	17.9
100°	27.1	27.7	29.6	30.0	38.0	45.7	41.9	37.0	35.4	34.5	35.4
102.5°	35.0	35.4	38.4	39.7	41.6	46.0	59.4	57.9	56.8	56.6	56.8
105°	47.0	47.3	52.8	55.4	56.7	56.7	56.4	62.8	73.1	75.4	73.1
107.5°	59.8	61.3	67.8	74.7	76.1	76.5	74.9	73.9	73.5	73.8	73.5
110°	68.6	70.9	78.6	87.3	89.5	90.2	89.5	88.6	87.9	87.9	87.9



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
112.5°	77.1	80.4	89.2	99.1	102.9	104.9	103.5	102.7	102.1	102.6	102.1
115°	90.2	95.0	106.6	116.9	124.6	125.6	125.3	125.3	125.0	125.0	125.0
117.5°	102.3	110.0	123.0	135.0	144.0	146.5	147.8	147.5	147.1	147.7	147.1
120°	110.8	119.8	134.6	148.2	156.9	160.7	162.0	161.4	162.0	161.4	162.0
122.5°	119.8	130.9	145.5	159.5	169.7	174.1	175.7	175.8	175.9	175.5	175.9
125°	133.3	146.9	163.9	178.4	189.1	194.2	195.5	195.8	196.5	198.1	196.5
127.5°	147.0	162.3	181.1	195.1	205.9	212.2	214.2	214.9	216.2	217.0	216.2
130°	156.5	173.9	192.9	206.1	216.8	223.5	227.1	228.0	229.6	229.3	229.6
132.5°	166.6	184.7	204.0	217.7	227.6	234.9	237.9	240.7	241.2	241.7	241.2
135°	181.3	201.0	220.3	233.8	243.2	250.3	254.1	256.7	258.3	259.3	258.3
137.5°	196.9	217.6	236.2	248.2	257.6	263.7	268.1	270.8	272.5	273.3	272.5
140°	207.4	227.4	245.4	258.0	266.4	272.5	276.3	279.6	281.5	281.5	281.5
142.5°	217.5	237.2	254.7	267.3	274.6	280.2	284.3	286.8	289.0	289.0	289.0
145°	231.6	251.2	267.3	279.9	286.0	291.2	295.7	297.6	298.9	298.9	298.9
147.5°	246.3	263.7	278.4	290.5	295.6	301.7	305.2	306.8	308.4	307.7	308.4
150°	255.1	271.2	285.4	296.6	301.8	307.6	311.1	312.4	314.0	313.1	314.0
152.5°	263.6	278.9	291.8	302.3	306.7	312.5	316.5	317.8	318.9	318.2	318.9
155°	275.1	288.6	300.5	310.2	314.0	319.5	323.4	325.0	326.3	324.7	326.3
157.5°	285.3	297.0	307.3	316.2	320.3	325.0	328.7	330.7	331.9	331.2	331.9
160°	291.5	302.1	311.5	319.8	323.7	327.9	331.7	334.0	335.3	334.3	335.3
162.5°	296.6	306.2	315.1	322.7	326.0	329.7	334.3	336.3	337.6	336.4	337.6
165°	304.0	311.8	319.5	326.0	328.8	331.7	336.6	338.8	339.8	338.5	339.8
167.5°	309.7	315.6	321.8	327.4	329.5	332.3	337.2	339.0	340.3	338.6	340.3
170°	312.7	317.9	323.4	327.9	329.5	332.1	336.9	338.5	339.5	337.9	339.5
172.5°	315.3	319.2	323.6	327.6	328.5	330.5	335.1	336.7	337.4	336.1	337.4
175°	317.9	320.2	323.4	326.0	325.6	326.9	330.8	332.1	333.4	331.4	333.4
177.5°	319.1	320.2	321.2	322.7	321.7	321.7	324.5	325.3	325.6	324.5	325.6
180°	318.9	318.9	318.9	318.9	318.9	318.9	318.9	318.9	318.9	318.9	318.9



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CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
0°	200.1	200.1	200.1	200.1	200.1	200.1	200.1	200.1	200.1	200.1	200.1
2.5°	227.5	223.4	218.6	214.2	210.1	206.0	202.3	198.5	202.3	206.0	210.1
5°	330.8	308.4	282.3	259.0	238.5	219.9	207.1	194.3	207.1	219.9	238.5
7.5°	554.6	496.5	426.6	359.2	294.2	238.9	212.9	186.8	212.9	238.9	294.2
10°	655.1	606.6	545.9	459.1	346.2	252.5	216.2	179.9	216.2	252.5	346.2
12.5°	692.1	657.1	614.5	524.3	386.5	270.8	221.5	172.2	221.5	270.8	386.5
15°	739.2	709.8	675.2	582.4	431.5	300.7	230.2	159.7	230.2	300.7	431.5
17.5°	766.9	739.3	705.0	614.6	468.0	334.5	240.6	146.8	240.6	334.5	468.0
20°	771.6	748.3	718.8	633.3	491.8	358.1	247.8	137.5	247.8	358.1	491.8
22.5°	767.1	749.1	726.7	646.9	509.5	375.6	252.4	129.1	252.4	375.6	509.5
25°	758.8	747.3	733.2	660.3	528.7	395.2	256.3	117.3	256.3	395.2	528.7
27.5°	743.2	735.4	726.2	658.2	531.4	399.6	252.8	106.0	252.8	399.6	531.4
30°	731.2	724.9	718.0	652.4	528.0	397.4	248.3	99.1	248.3	397.4	528.0
32.5°	721.8	714.4	707.9	643.6	521.6	392.7	242.8	92.9	242.8	392.7	521.6
35°	715.5	703.1	692.8	627.2	506.2	378.6	231.2	83.7	231.2	378.6	506.2
37.5°	718.2	697.6	676.1	604.6	483.0	356.7	216.3	75.8	216.3	356.7	483.0
40°	717.5	692.2	663.5	588.1	465.8	340.5	205.8	71.2	205.8	340.5	465.8
42.5°	709.8	680.9	647.5	569.1	445.8	321.5	194.0	66.6	194.0	321.5	445.8
45°	694.2	661.1	621.8	539.0	412.9	289.7	175.2	60.6	175.2	289.7	412.9
47.5°	672.1	638.1	596.4	509.6	377.8	254.0	154.5	55.0	154.5	254.0	377.8
50°	652.3	619.4	578.4	489.9	353.9	229.8	140.9	51.9	140.9	229.8	353.9
52.5°	629.1	598.1	559.5	470.3	330.6	206.2	127.5	48.9	127.5	206.2	330.6
55°	588.4	561.4	527.6	439.3	296.6	173.4	109.3	45.2	109.3	173.4	296.6
57.5°	543.5	520.5	491.7	406.4	264.6	145.4	93.7	41.9	93.7	145.4	264.6
60°	511.1	490.2	464.1	382.3	244.6	130.2	85.3	40.4	85.3	130.2	244.6
62.5°	477.2	457.9	433.9	356.1	224.6	116.2	77.2	38.1	77.2	116.2	224.6
65°	422.1	406.2	386.1	316.2	196.5	98.9	67.2	35.6	67.2	98.9	196.5
67.5°	353.9	346.1	333.6	275.2	170.8	85.8	59.0	32.1	59.0	85.8	170.8
70°	299.3	300.7	296.4	247.9	155.2	79.4	54.6	29.8	54.6	79.4	155.2
72.5°	228.3	244.0	253.4	218.1	138.0	72.4	50.3	28.3	50.3	72.4	138.0
75°	107.9	138.5	179.5	170.1	110.3	60.9	43.0	25.0	43.0	60.9	110.3
77.5°	82.9	99.0	120.7	113.6	77.6	47.2	33.8	20.4	33.8	47.2	77.6
80°	67.4	68.0	68.8	63.1	50.7	38.7	28.0	17.3	28.0	38.7	50.7
82.5°	49.5	49.0	48.1	44.2	37.3	30.1	22.2	14.2	22.2	30.1	37.3
85°	16.1	18.9	22.3	23.0	20.8	18.1	13.4	8.7	13.4	18.1	20.8
87.5°	5.2	5.1	5.1	5.8	6.9	7.3	5.2	3.3	5.2	7.2	7.1
90°	6.8	6.4	6.4	6.1	5.2	3.9	2.3	1.0	2.3	3.5	5.8
92.5°	8.1	8.0	7.5	6.9	5.7	5.7	5.6	3.5	6.1	8.7	12.5
95°	7.4	7.4	8.7	11.0	16.1	16.4	11.0	10.0	14.2	20.0	25.1
97.5°	20.0	23.8	29.2	30.3	28.7	21.4	20.5	19.1	26.0	31.7	40.0
100°	37.0	41.9	45.7	38.0	30.0	29.6	27.7	27.1	34.5	39.9	48.0
102.5°	57.9	59.4	46.0	41.6	39.7	38.4	35.4	35.0	42.5	50.0	56.8
105°	62.8	56.4	56.7	56.7	55.4	52.8	47.3	47.0	55.4	64.1	72.5
107.5°	73.9	74.9	76.5	76.1	74.7	67.8	61.3	59.8	67.4	77.8	87.0
110°	88.6	89.5	90.2	89.5	87.3	78.6	70.9	68.6	75.4	86.3	96.3

TEST NUMBER: P1435910

CATALOG NUMBER: SQ2W-FB-K-025U-050D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
112.5°	102.7	103.5	104.9	102.9	99.1	89.2	80.4	77.1	83.9	95.1	105.3
115°	125.3	125.3	125.6	124.6	116.9	106.6	95.0	90.2	96.0	106.3	117.6
117.5°	147.5	147.8	146.5	144.0	135.0	123.0	110.0	102.3	106.9	117.8	129.3
120°	161.4	162.0	160.7	156.9	148.2	134.6	119.8	110.8	114.3	125.0	136.6
122.5°	175.8	175.7	174.1	169.7	159.5	145.5	130.9	119.8	121.3	131.2	142.5
125°	195.8	195.5	194.2	189.1	178.4	163.9	146.9	133.3	131.4	139.8	151.4
127.5°	214.9	214.2	212.2	205.9	195.1	181.1	162.3	147.0	142.7	148.0	158.6
130°	228.0	227.1	223.5	216.8	206.1	192.9	173.9	156.5	150.4	153.6	163.0
132.5°	240.7	237.9	234.9	227.6	217.7	204.0	184.7	166.6	158.1	159.6	166.8
135°	256.7	254.1	250.3	243.2	233.8	220.3	201.0	181.3	169.7	168.5	172.6
137.5°	270.8	268.1	263.7	257.6	248.2	236.2	217.6	196.9	182.2	177.9	179.5
140°	279.6	276.3	272.5	266.4	258.0	245.4	227.4	207.4	191.0	184.9	183.9
142.5°	286.8	284.3	280.2	274.6	267.3	254.7	237.2	217.5	200.0	192.1	189.8
145°	297.6	295.7	291.2	286.0	279.9	267.3	251.2	231.6	214.2	203.9	199.0
147.5°	306.8	305.2	301.7	295.6	290.5	278.4	263.7	246.3	228.5	215.7	209.5
150°	312.4	311.1	307.6	301.8	296.6	285.4	271.2	255.1	238.0	224.5	216.4
152.5°	317.8	316.5	312.5	306.7	302.3	291.8	278.9	263.6	246.3	232.7	224.4
155°	325.0	323.4	319.5	314.0	310.2	300.5	288.6	275.1	260.2	246.1	236.7
157.5°	330.7	328.7	325.0	320.3	316.2	307.3	297.0	285.3	272.4	258.8	249.3
160°	334.0	331.7	327.9	323.7	319.8	311.5	302.1	291.5	279.6	267.3	257.0
162.5°	336.3	334.3	329.7	326.0	322.7	315.1	306.2	296.6	286.0	275.3	265.8
165°	338.8	336.6	331.7	328.8	326.0	319.5	311.8	304.0	295.0	286.3	278.6
167.5°	339.0	337.2	332.3	329.5	327.4	321.8	315.6	309.7	302.6	295.8	289.4
170°	338.5	336.9	332.1	329.5	327.9	323.4	317.9	312.7	307.3	301.5	296.3
172.5°	336.7	335.1	330.5	328.5	327.6	323.6	319.2	315.3	310.6	306.4	302.2
175°	332.1	330.8	326.9	325.6	326.0	323.4	320.2	317.9	315.0	312.4	310.2
177.5°	325.3	324.5	321.7	321.7	322.7	321.2	320.2	319.1	317.8	317.1	316.3
180°	318.9	318.9	318.9	318.9	318.9	318.9	318.9	318.9	318.9	318.9	318.9



TEST NUMBER: P1435910

CATALOG NUMBER: SQ2W-FB-K-025U-050D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
0°	200.1	200.1	200.1	200.1	200.1	200.1	200.1	200.1	200.1	200.1	200.1
2.5°	214.2	218.6	223.4	227.5	229.6	231.6	229.6	227.5	223.4	218.6	214.2
5°	259.0	282.3	308.4	330.8	341.9	353.0	341.9	330.8	308.4	282.3	259.0
7.5°	359.2	426.6	496.5	554.6	576.8	599.0	576.8	554.6	496.5	426.6	359.2
10°	459.1	545.9	606.6	655.1	667.1	679.0	667.1	655.1	606.6	545.9	459.1
12.5°	524.3	614.5	657.1	692.1	704.4	716.7	704.4	692.1	657.1	614.5	524.3
15°	582.4	675.2	709.8	739.2	752.9	766.6	752.9	739.2	709.8	675.2	582.4
17.5°	614.6	705.0	739.3	766.9	774.3	781.8	774.3	766.9	739.3	705.0	614.6
20°	633.3	718.8	748.3	771.6	776.3	781.0	776.3	771.6	748.3	718.8	633.3
22.5°	646.9	726.7	749.1	767.1	772.1	777.1	772.1	767.1	749.1	726.7	646.9
25°	660.3	733.2	747.3	758.8	762.2	765.6	762.2	758.8	747.3	733.2	660.3
27.5°	658.2	726.2	735.4	743.2	746.5	749.8	746.5	743.2	735.4	726.2	658.2
30°	652.4	718.0	724.9	731.2	735.9	740.6	735.9	731.2	724.9	718.0	652.4
32.5°	643.6	707.9	714.4	721.8	732.0	742.1	732.0	721.8	714.4	707.9	643.6
35°	627.2	692.8	703.1	715.5	734.3	753.1	734.3	715.5	703.1	692.8	627.2
37.5°	604.6	676.1	697.6	718.2	736.3	754.4	736.3	718.2	697.6	676.1	604.6
40°	588.1	663.5	692.2	717.5	732.9	748.3	732.9	717.5	692.2	663.5	588.1
42.5°	569.1	647.5	680.9	709.8	725.2	740.6	725.2	709.8	680.9	647.5	569.1
45°	539.0	621.8	661.1	694.2	708.7	723.3	708.7	694.2	661.1	621.8	539.0
47.5°	509.6	596.4	638.1	672.1	682.7	693.3	682.7	672.1	638.1	596.4	509.6
50°	489.9	578.4	619.4	652.3	660.9	669.4	660.9	652.3	619.4	578.4	489.9
52.5°	470.3	559.5	598.1	629.1	636.9	644.8	636.9	629.1	598.1	559.5	470.3
55°	439.3	527.6	561.4	588.4	595.3	602.1	595.3	588.4	561.4	527.6	439.3
57.5°	406.4	491.7	520.5	543.5	549.0	554.6	549.0	543.5	520.5	491.7	406.4
60°	382.3	464.1	490.2	511.1	516.7	522.3	516.7	511.1	490.2	464.1	382.3
62.5°	356.1	433.9	457.9	477.2	482.4	487.6	482.4	477.2	457.9	433.9	356.1
65°	316.2	386.1	406.2	422.1	425.5	429.0	425.5	422.1	406.2	386.1	316.2
67.5°	275.2	333.6	346.1	353.9	347.5	341.1	347.5	353.9	346.1	333.6	275.2
70°	247.9	296.4	300.7	299.3	281.0	262.6	281.0	299.3	300.7	296.4	247.9
72.5°	218.1	253.4	244.0	228.3	193.5	158.7	193.5	228.3	244.0	253.4	218.1
75°	170.1	179.5	138.5	107.9	108.8	109.6	108.8	107.9	138.5	179.5	170.1
77.5°	113.6	120.7	99.0	82.9	83.7	84.4	83.7	82.9	99.0	120.7	113.6
80°	63.1	68.8	68.0	67.4	67.9	68.3	67.9	67.4	68.0	68.8	63.1
82.5°	44.2	48.1	49.0	49.5	48.9	48.3	48.9	49.5	49.0	48.1	44.2
85°	23.0	22.3	18.9	16.1	15.3	14.4	15.3	16.1	18.9	22.3	23.0
87.5°	6.0	5.8	6.2	6.5	6.7	6.6	6.7	6.5	6.2	5.8	6.0
90°	7.4	9.7	11.9	13.2	14.5	13.8	14.5	13.2	11.9	9.7	7.4
92.5°	14.9	18.7	21.5	23.8	24.8	24.7	24.8	23.8	21.5	18.7	14.9
95°	30.0	34.5	39.0	42.2	44.1	43.5	44.1	42.2	39.0	34.5	30.0
97.5°	46.2	52.2	57.3	60.3	62.2	63.5	62.2	60.3	57.3	52.2	46.2
100°	57.0	62.8	68.6	72.1	75.4	76.7	75.4	72.1	68.6	62.8	57.0
102.5°	65.8	73.4	79.7	83.5	86.2	87.5	86.2	83.5	79.7	73.4	65.8
105°	80.2	88.3	95.0	99.8	102.7	103.7	102.7	99.8	95.0	88.3	80.2
107.5°	94.6	102.9	109.2	114.5	118.1	120.1	118.1	114.5	109.2	102.9	94.6
110°	106.0	112.7	119.5	124.3	127.9	129.2	127.9	124.3	119.5	112.7	106.0



TEST NUMBER: P1435910

CATALOG NUMBER: SQ2W-FB-K-025U-050D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
112.5°	115.5	123.0	129.8	134.6	138.7	140.5	138.7	134.6	129.8	123.0	115.5
115°	128.8	138.8	144.9	149.4	152.3	154.0	152.3	149.4	144.9	138.8	128.8
117.5°	139.9	150.3	157.0	160.5	161.9	163.0	161.9	160.5	157.0	150.3	139.9
120°	146.9	156.5	164.3	168.8	170.4	171.0	170.4	168.8	164.3	156.5	146.9
122.5°	153.3	162.5	169.9	175.5	178.1	178.8	178.1	175.5	169.9	162.5	153.3
125°	162.3	171.0	178.8	184.2	187.1	188.7	187.1	184.2	178.8	171.0	162.3
127.5°	170.2	179.6	186.7	191.6	194.5	195.8	194.5	191.6	186.7	179.6	170.2
130°	174.6	184.2	191.3	196.8	199.4	200.7	199.4	196.8	191.3	184.2	174.6
132.5°	177.9	188.1	195.4	200.4	203.2	204.5	203.2	200.4	195.4	188.1	177.9
135°	182.0	192.6	200.3	205.2	207.7	209.0	207.7	205.2	200.3	192.6	182.0
137.5°	185.5	195.2	203.2	208.3	210.6	211.5	210.6	208.3	203.2	195.2	185.5
140°	188.1	196.5	204.5	209.4	211.9	212.3	211.9	209.4	204.5	196.5	188.1
142.5°	191.4	198.0	205.0	209.9	212.4	213.0	212.4	209.9	205.0	198.0	191.4
145°	197.4	201.3	206.1	210.6	212.9	213.5	212.9	210.6	206.1	201.3	197.4
147.5°	205.0	206.2	208.7	211.7	213.9	214.3	213.9	211.7	208.7	206.2	205.0
150°	210.6	210.3	211.3	213.2	215.2	214.8	215.2	213.2	211.3	210.3	210.6
152.5°	217.1	215.2	215.2	216.1	217.0	216.9	217.0	216.1	215.2	215.2	217.1
155°	228.0	224.5	222.6	221.9	221.9	221.6	221.9	221.9	222.6	224.5	228.0
157.5°	240.1	235.1	232.2	230.7	230.2	229.5	230.2	230.7	232.2	235.1	240.1
160°	248.3	242.9	240.0	237.4	236.4	235.4	236.4	237.4	240.0	242.9	248.3
162.5°	256.1	250.8	247.7	245.4	244.4	242.9	244.4	245.4	247.7	250.8	256.1
165°	268.6	263.1	259.6	257.7	256.4	255.1	256.4	257.7	259.6	263.1	268.6
167.5°	281.2	275.2	272.9	270.7	269.5	267.1	269.5	270.7	272.9	275.2	281.2
170°	288.9	283.4	282.1	280.2	278.0	275.4	278.0	280.2	282.1	283.4	288.9
172.5°	295.6	291.9	290.6	288.7	288.0	285.9	288.0	288.7	290.6	291.9	295.6
175°	305.3	302.4	302.4	302.1	301.1	299.2	301.1	302.1	302.4	302.4	305.3
177.5°	313.5	311.9	312.9	312.9	312.7	310.9	312.7	312.9	312.9	311.9	313.5
180°	318.9	318.9	318.9	318.9	318.9	318.9	318.9	318.9	318.9	318.9	318.9

TEST NUMBER: P1435910

CATALOG NUMBER: SQ2W-FB-K-025U-050D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
0°	200.1	200.1	200.1	200.1
2.5°	210.1	206.0	202.3	198.5
5°	238.5	219.9	207.1	194.3
7.5°	294.2	238.9	212.9	186.8
10°	346.2	252.5	216.2	179.9
12.5°	386.5	270.8	221.5	172.2
15°	431.5	300.7	230.2	159.7
17.5°	468.0	334.5	240.6	146.8
20°	491.8	358.1	247.8	137.5
22.5°	509.5	375.6	252.4	129.1
25°	528.7	395.2	256.3	117.3
27.5°	531.4	399.6	252.8	106.0
30°	528.0	397.4	248.3	99.1
32.5°	521.6	392.7	242.8	92.9
35°	506.2	378.6	231.2	83.7
37.5°	483.0	356.7	216.3	75.8
40°	465.8	340.5	205.8	71.2
42.5°	445.8	321.5	194.0	66.6
45°	412.9	289.7	175.2	60.6
47.5°	377.8	254.0	154.5	55.0
50°	353.9	229.8	140.9	51.9
52.5°	330.6	206.2	127.5	48.9
55°	296.6	173.4	109.3	45.2
57.5°	264.6	145.4	93.7	41.9
60°	244.6	130.2	85.3	40.4
62.5°	224.6	116.2	77.2	38.1
65°	196.5	98.9	67.2	35.6
67.5°	170.8	85.8	59.0	32.1
70°	155.2	79.4	54.6	29.8
72.5°	138.0	72.4	50.3	28.3
75°	110.3	60.9	43.0	25.0
77.5°	77.6	47.2	33.8	20.4
80°	50.7	38.7	28.0	17.3
82.5°	37.3	30.1	22.2	14.2
85°	20.8	18.1	13.4	8.7
87.5°	7.1	7.2	5.2	3.3
90°	5.8	3.5	2.3	1.0
92.5°	12.5	8.7	6.1	3.5
95°	25.1	20.0	14.2	10.0
97.5°	40.0	31.7	26.0	19.1
100°	48.0	39.9	34.5	27.1
102.5°	56.8	50.0	42.5	35.0
105°	72.5	64.1	55.4	47.0
107.5°	87.0	77.8	67.4	59.8
110°	96.3	86.3	75.4	68.6



TEST NUMBER: P1435910

CATALOG NUMBER: SQ2W-FB-K-025U-050D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
112.5°	105.3	95.1	83.9	77.1
115°	117.6	106.3	96.0	90.2
117.5°	129.3	117.8	106.9	102.3
120°	136.6	125.0	114.3	110.8
122.5°	142.5	131.2	121.3	119.8
125°	151.4	139.8	131.4	133.3
127.5°	158.6	148.0	142.7	147.0
130°	163.0	153.6	150.4	156.5
132.5°	166.8	159.6	158.1	166.6
135°	172.6	168.5	169.7	181.3
137.5°	179.5	177.9	182.2	196.9
140°	183.9	184.9	191.0	207.4
142.5°	189.8	192.1	200.0	217.5
145°	199.0	203.9	214.2	231.6
147.5°	209.5	215.7	228.5	246.3
150°	216.4	224.5	238.0	255.1
152.5°	224.4	232.7	246.3	263.6
155°	236.7	246.1	260.2	275.1
157.5°	249.3	258.8	272.4	285.3
160°	257.0	267.3	279.6	291.5
162.5°	265.8	275.3	286.0	296.6
165°	278.6	286.3	295.0	304.0
167.5°	289.4	295.8	302.6	309.7
170°	296.3	301.5	307.3	312.7
172.5°	302.2	306.4	310.6	315.3
175°	310.2	312.4	315.0	317.9
177.5°	316.3	317.1	317.8	319.1
180°	318.9	318.9	318.9	318.9



TEST NUMBER: P1435910
 CATALOG NUMBER: SQ2W-FB-K-025U-050D-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	11.75	12.84	12.53	13.64	14.63	21.34	22.43	22.12	23.24	24.23
	3H	12.70	13.68	13.50	14.50	15.52	22.97	23.95	23.76	24.76	25.78
	4H	13.11	14.04	13.92	14.86	15.89	23.15	24.08	23.96	24.90	25.93
	6H	13.38	14.23	14.20	15.07	16.11	23.24	24.10	24.07	24.93	25.97
	8H	13.48	14.29	14.31	15.14	16.19	23.27	24.08	24.10	24.93	25.97
	12H	13.53	14.31	14.37	15.16	16.23	23.25	24.03	24.09	24.87	25.94
4H	2H	16.49	17.42	17.31	18.24	19.27	21.74	22.66	22.55	23.49	24.51
	3H	17.65	18.42	18.47	19.28	20.32	23.65	24.42	24.47	25.28	26.32
	4H	17.94	18.64	18.78	19.50	20.57	23.88	24.58	24.72	25.44	26.51
	6H	18.09	18.69	18.94	19.57	20.65	24.02	24.63	24.88	25.51	26.59
	8H	18.13	18.70	18.99	19.57	20.66	24.08	24.64	24.94	25.52	26.61
	12H	18.15	18.66	19.03	19.55	20.65	24.07	24.58	24.95	25.47	26.57
8H	4H	19.15	19.72	20.01	20.59	21.68	23.99	24.56	24.85	25.43	26.52
	6H	19.42	19.89	20.31	20.80	21.89	24.20	24.67	25.09	25.58	26.67
	8H	19.52	19.93	20.42	20.85	21.95	24.29	24.71	25.19	25.62	26.72
	12H	19.57	19.94	20.48	20.84	22.00	24.31	24.67	25.21	25.58	26.73
12H	4H	19.19	19.70	20.07	20.59	21.69	23.95	24.46	24.83	25.36	26.45
	6H	19.53	19.94	20.43	20.86	21.96	24.18	24.60	25.08	25.51	26.62
	8H	19.68	20.04	20.58	20.95	22.10	24.29	24.66	25.20	25.56	26.72