

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: P1428014

Luminaire Tested: SQ2W-PP3-K-025U-050D-L930-UNV-STD-W-WM-4

Issue Date: 3/10/2026

Test Information

Test Method: LM-79-2019
Report Number: P1428014
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-025U-050D-L930-UNV-STD-W-WM-4
Description: CORELITE SQ2W WALL MOUNTED LED LUMINAIRE
DOWNLIGHT - PERCEIVE PRISM 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

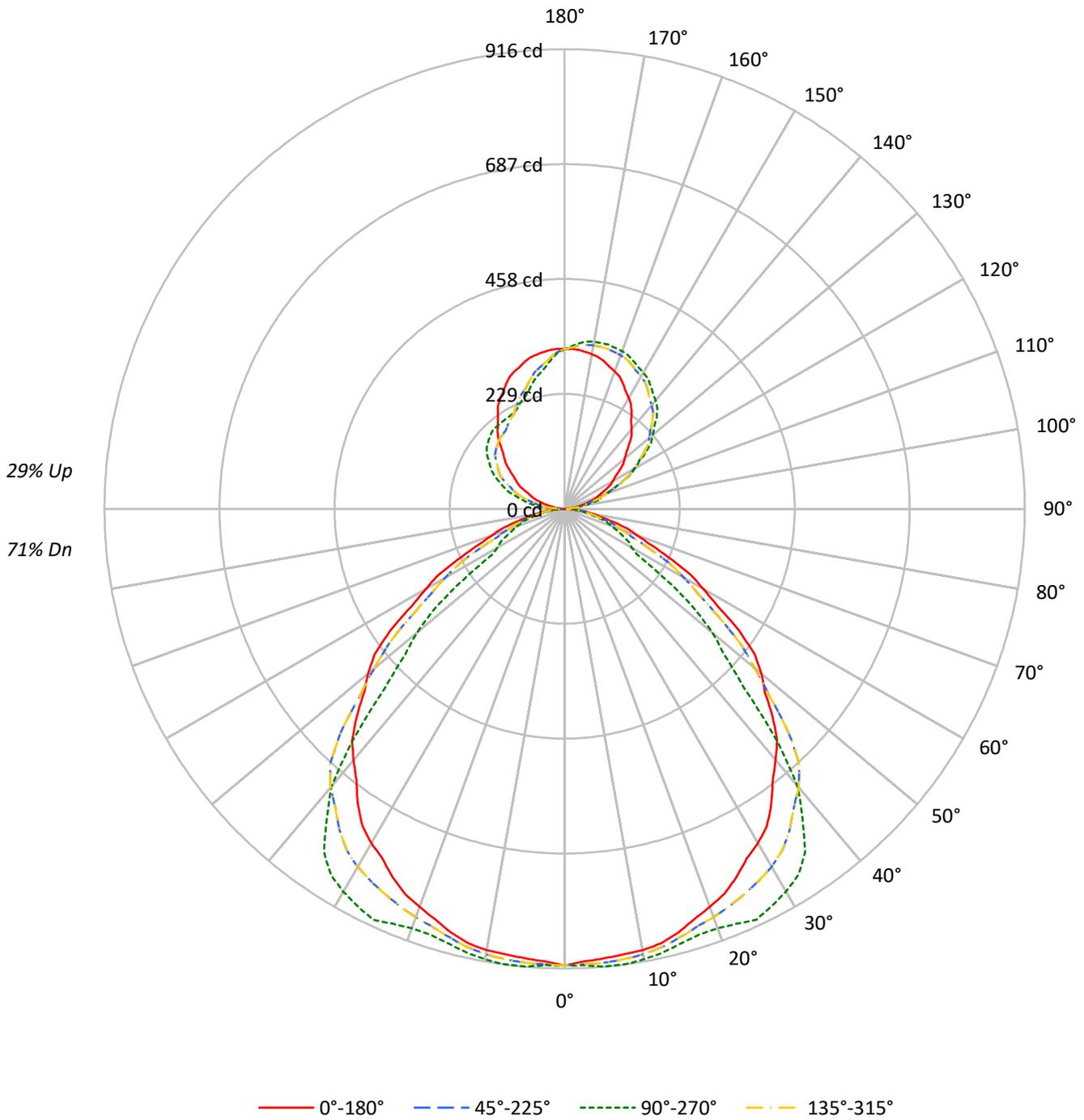
Lumens per Lamp: N/A
Luminaire Lumens: 3223.8 lumens
Efficiency: N/A
Efficacy: 127.4 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.41 / 1.4
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: Semi-Direct

Input Watts (W): 25.3
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

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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	112	112	112	112	106	106	106	106	95	95	95	85	85	85	76	76	76	71
1	103	99	95	92	98	94	91	88	85	82	80	76	74	72	68	67	65	61
2	95	87	81	76	89	83	78	73	75	71	67	68	64	62	61	58	56	53
3	87	77	70	64	82	74	67	62	67	62	57	60	56	53	54	51	49	45
4	80	69	61	55	75	66	59	53	60	54	49	54	50	46	49	45	42	39
5	73	62	54	48	69	59	52	46	54	48	43	49	44	40	44	40	37	34
6	68	56	48	42	64	53	46	40	49	43	38	44	39	35	40	36	33	30
7	63	51	43	37	60	48	41	36	44	38	34	40	35	31	37	33	29	27
8	58	46	38	33	55	44	37	32	41	34	30	37	32	28	34	30	26	24
9	55	42	35	29	52	40	33	29	37	31	27	34	29	25	31	27	24	22
10	51	39	31	27	48	37	30	26	34	29	24	32	27	23	29	25	22	20

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	14691	14691	14691	14691
5°	14575	14839	14575	14839
10°	14649	14949	14649	14949
15°	14614	14983	14614	14983
20°	14510	15287	14510	15287
25°	14426	16088	14426	16088
30°	14344	16425	14344	16425
35°	14142	16454	14142	16454
40°	13765	15205	13765	15205
45°	13353	11574	13353	11574
50°	12828	9640	12828	9640
55°	11941	6930	11941	6930
60°	10281	4970	10281	4970
65°	8672	4886	8672	4886
70°	7218	4678	7218	4678
75°	6120	4379	6120	4379
80°	5188	3933	5188	3933
85°	4094	2130	4094	2130

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 40°
 Vertical Angle: 45°
 Luminance: 14606 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.6	2.7
10°-20°	250.7	7.8
20°-30°	392.8	12.2
30°-40°	484.6	15.0
40°-50°	456.2	14.2
50°-60°	323.0	10.0
60°-70°	184.1	5.7
70°-80°	91.1	2.8
80°-90°	23.6	0.7
90°-100°	25.4	0.8
100°-110°	74.0	2.3
110°-120°	120.8	3.7
120°-130°	153.3	4.8
130°-140°	164.0	5.1
140°-150°	153.1	4.7
150°-160°	126.0	3.9
160°-170°	84.5	2.6
170°-180°	30.0	0.9
0°-30°	730.2	22.7
0°-40°	1214.8	37.7
0°-60°	1994.0	61.9
0°-90°	2292.8	71.1
90°-120°	220.2	6.8
90°-150°	690.5	21.4
90°-180°	931.0	28.9
0°-180°	3223.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	910	910	910	910	910	
5°	899	916	899	916	899	86
15°	874	896	874	896	874	246
25°	810	903	810	903	810	373
35°	718	835	718	835	718	447
45°	585	507	585	507	585	450
55°	424	246	424	246	424	374
65°	227	128	227	128	227	228
75°	98	70	98	70	98	106
85°	22	12	22	12	22	26
90°	1	7	1	14	1	2
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°	909.9	909.9	909.9	909.9	909.9	909.9	909.9	909.9	909.9	909.9	909.9
2.5°	902.9	908.8	914.6	913.2	909.4	907.9	908.6	909.3	910.0	910.6	910.0
5°	899.3	906.6	913.8	912.8	908.9	907.4	908.3	909.7	912.6	915.6	912.6
7.5°	895.8	903.3	910.7	909.7	906.0	904.8	906.3	908.3	912.0	915.6	912.0
10°	893.5	899.9	906.3	905.4	902.0	901.3	903.5	905.8	908.8	911.8	908.8
12.5°	886.6	892.7	898.7	897.9	894.9	894.7	897.6	900.3	903.0	905.6	903.0
15°	874.3	879.8	885.4	885.5	883.8	884.9	888.7	892.1	894.3	896.4	894.3
17.5°	857.5	864.3	871.1	872.6	872.4	875.1	880.6	885.2	887.4	889.7	887.4
20°	844.5	852.6	860.7	863.4	864.2	868.1	874.9	881.1	885.4	889.7	885.4
22.5°	830.6	840.1	849.6	853.1	854.7	860.6	870.8	880.4	887.7	895.1	887.7
25°	809.8	819.2	828.6	835.5	841.5	851.9	866.9	880.9	892.0	903.1	892.0
27.5°	785.6	794.9	804.2	816.0	828.6	843.3	860.1	874.9	883.7	892.6	883.7
30°	769.4	778.4	787.4	800.9	815.8	832.1	849.6	864.8	872.9	881.0	872.9
32.5°	749.4	758.8	768.1	782.4	798.4	815.8	834.7	850.7	858.2	865.6	858.2
35°	717.5	726.5	735.5	752.1	771.4	790.8	810.5	826.3	830.6	834.8	830.6
37.5°	680.8	690.9	701.1	719.8	741.4	757.6	768.7	777.0	777.3	777.5	777.3
40°	653.1	666.3	679.6	698.3	718.8	730.1	732.3	732.5	726.9	721.4	726.9
42.5°	626.1	643.1	660.2	675.2	689.6	692.5	684.0	671.5	646.8	622.1	646.8
45°	584.8	604.9	625.0	634.2	639.7	620.9	577.7	541.1	524.0	506.9	524.0
47.5°	540.7	560.6	580.4	577.9	567.8	539.4	492.4	454.3	442.5	430.7	442.5
50°	510.7	529.5	548.3	534.8	510.4	478.3	438.6	406.0	394.9	383.8	394.9
52.5°	476.9	493.6	510.4	489.9	457.0	423.2	388.6	358.4	341.4	324.5	341.4
55°	424.2	435.7	447.2	424.8	391.0	353.8	313.2	278.7	262.5	246.2	262.5
57.5°	360.7	368.8	376.9	359.3	333.0	296.0	248.3	208.0	189.8	171.6	189.8
60°	318.4	324.8	331.2	315.2	291.6	256.4	209.4	171.8	162.9	153.9	162.9
62.5°	279.9	285.6	291.3	274.6	250.4	218.9	180.1	150.2	147.0	143.9	147.0
65°	227.0	232.5	238.1	220.6	195.4	170.8	146.8	128.8	128.3	127.9	128.3
67.5°	180.6	186.7	192.8	176.3	152.2	134.1	121.8	112.4	111.9	111.4	111.9
70°	152.9	159.3	165.8	150.4	127.7	113.0	106.1	100.8	99.9	99.1	99.9
72.5°	129.8	135.9	142.0	128.6	108.6	96.5	92.0	88.6	88.0	87.5	88.0
75°	98.1	102.8	107.5	97.8	83.2	74.9	72.8	71.1	70.6	70.2	70.6
77.5°	71.2	74.2	77.2	70.8	61.3	56.0	54.9	53.9	53.5	53.1	53.5
80°	55.8	57.1	58.3	53.9	47.4	44.0	43.6	43.2	42.7	42.3	42.7
82.5°	41.9	41.5	41.1	38.5	35.1	33.3	32.8	32.3	31.5	30.8	31.5
85°	22.1	21.3	20.4	19.6	18.7	17.4	15.7	14.1	12.8	11.5	12.8
87.5°	7.1	7.4	7.7	6.7	5.2	4.2	3.9	3.7	3.7	3.7	3.7
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°	909.9	909.9	909.9	909.9	909.9	909.9	909.9	909.9	909.9	909.9	909.9
2.5°	909.3	908.6	907.9	909.4	913.2	914.6	908.8	902.9	908.8	914.6	913.2
5°	909.7	908.3	907.4	908.9	912.8	913.8	906.6	899.3	906.6	913.8	912.8
7.5°	908.3	906.3	904.8	906.0	909.7	910.7	903.3	895.8	903.3	910.7	909.7
10°	905.8	903.5	901.3	902.0	905.4	906.3	899.9	893.5	899.9	906.3	905.4
12.5°	900.3	897.6	894.7	894.9	897.9	898.7	892.7	886.6	892.7	898.7	897.9
15°	892.1	888.7	884.9	883.8	885.5	885.4	879.8	874.3	879.8	885.4	885.5
17.5°	885.2	880.6	875.1	872.4	872.6	871.1	864.3	857.5	864.3	871.1	872.6
20°	881.1	874.9	868.1	864.2	863.4	860.7	852.6	844.5	852.6	860.7	863.4
22.5°	880.4	870.8	860.6	854.7	853.1	849.6	840.1	830.6	840.1	849.6	853.1
25°	880.9	866.9	851.9	841.5	835.5	828.6	819.2	809.8	819.2	828.6	835.5
27.5°	874.9	860.1	843.3	828.6	816.0	804.2	794.9	785.6	794.9	804.2	816.0
30°	864.8	849.6	832.1	815.8	800.9	787.4	778.4	769.4	778.4	787.4	800.9
32.5°	850.7	834.7	815.8	798.4	782.4	768.1	758.8	749.4	758.8	768.1	782.4
35°	826.3	810.5	790.8	771.4	752.1	735.5	726.5	717.5	726.5	735.5	752.1
37.5°	777.0	768.7	757.6	741.4	719.8	701.1	690.9	680.8	690.9	701.1	719.8
40°	732.5	732.3	730.1	718.8	698.3	679.6	666.3	653.1	666.3	679.6	698.3
42.5°	671.5	684.0	692.5	689.6	675.2	660.2	643.1	626.1	643.1	660.2	675.2
45°	541.1	577.7	620.9	639.7	634.2	625.0	604.9	584.8	604.9	625.0	634.2
47.5°	454.3	492.4	539.4	567.8	577.9	580.4	560.6	540.7	560.6	580.4	577.9
50°	406.0	438.6	478.3	510.4	534.8	548.3	529.5	510.7	529.5	548.3	534.8
52.5°	358.4	388.6	423.2	457.0	489.9	510.4	493.6	476.9	493.6	510.4	489.9
55°	278.7	313.2	353.8	391.0	424.8	447.2	435.7	424.2	435.7	447.2	424.8
57.5°	208.0	248.3	296.0	333.0	359.3	376.9	368.8	360.7	368.8	376.9	359.3
60°	171.8	209.4	256.4	291.6	315.2	331.2	324.8	318.4	324.8	331.2	315.2
62.5°	150.2	180.1	218.9	250.4	274.6	291.3	285.6	279.9	285.6	291.3	274.6
65°	128.8	146.8	170.8	195.4	220.6	238.1	232.5	227.0	232.5	238.1	220.6
67.5°	112.4	121.8	134.1	152.2	176.3	192.8	186.7	180.6	186.7	192.8	176.3
70°	100.8	106.1	113.0	127.7	150.4	165.8	159.3	152.9	159.3	165.8	150.4
72.5°	88.6	92.0	96.5	108.6	128.6	142.0	135.9	129.8	135.9	142.0	128.6
75°	71.1	72.8	74.9	83.2	97.8	107.5	102.8	98.1	102.8	107.5	97.8
77.5°	53.9	54.9	56.0	61.3	70.8	77.2	74.2	71.2	74.2	77.2	70.8
80°	43.2	43.6	44.0	47.4	53.9	58.3	57.1	55.8	57.1	58.3	53.9
82.5°	32.3	32.8	33.3	35.1	38.5	41.1	41.5	41.9	41.5	41.1	38.5
85°	14.1	15.7	17.4	18.7	19.6	20.4	21.3	22.1	21.3	20.4	19.6
87.5°	3.7	3.9	4.2	5.2	6.7	7.7	7.4	7.1	7.4	7.6	6.8
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: P1428014

CATALOG NUMBER: SQ2W-PP3-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: P1428014

CATALOG NUMBER: SQ2W-PP3-K-025U-050D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
0°	909.9	909.9	909.9	909.9	909.9	909.9	909.9	909.9	909.9	909.9	909.9
2.5°	909.4	907.9	908.6	909.3	910.0	910.6	910.0	909.3	908.6	907.9	909.4
5°	908.9	907.4	908.3	909.7	912.6	915.6	912.6	909.7	908.3	907.4	908.9
7.5°	906.0	904.8	906.3	908.3	912.0	915.6	912.0	908.3	906.3	904.8	906.0
10°	902.0	901.3	903.5	905.8	908.8	911.8	908.8	905.8	903.5	901.3	902.0
12.5°	894.9	894.7	897.6	900.3	903.0	905.6	903.0	900.3	897.6	894.7	894.9
15°	883.8	884.9	888.7	892.1	894.3	896.4	894.3	892.1	888.7	884.9	883.8
17.5°	872.4	875.1	880.6	885.2	887.4	889.7	887.4	885.2	880.6	875.1	872.4
20°	864.2	868.1	874.9	881.1	885.4	889.7	885.4	881.1	874.9	868.1	864.2
22.5°	854.7	860.6	870.8	880.4	887.7	895.1	887.7	880.4	870.8	860.6	854.7
25°	841.5	851.9	866.9	880.9	892.0	903.1	892.0	880.9	866.9	851.9	841.5
27.5°	828.6	843.3	860.1	874.9	883.7	892.6	883.7	874.9	860.1	843.3	828.6
30°	815.8	832.1	849.6	864.8	872.9	881.0	872.9	864.8	849.6	832.1	815.8
32.5°	798.4	815.8	834.7	850.7	858.2	865.6	858.2	850.7	834.7	815.8	798.4
35°	771.4	790.8	810.5	826.3	830.6	834.8	830.6	826.3	810.5	790.8	771.4
37.5°	741.4	757.6	768.7	777.0	777.3	777.5	777.3	777.0	768.7	757.6	741.4
40°	718.8	730.1	732.3	732.5	726.9	721.4	726.9	732.5	732.3	730.1	718.8
42.5°	689.6	692.5	684.0	671.5	646.8	622.1	646.8	671.5	684.0	692.5	689.6
45°	639.7	620.9	577.7	541.1	524.0	506.9	524.0	541.1	577.7	620.9	639.7
47.5°	567.8	539.4	492.4	454.3	442.5	430.7	442.5	454.3	492.4	539.4	567.8
50°	510.4	478.3	438.6	406.0	394.9	383.8	394.9	406.0	438.6	478.3	510.4
52.5°	457.0	423.2	388.6	358.4	341.4	324.5	341.4	358.4	388.6	423.2	457.0
55°	391.0	353.8	313.2	278.7	262.5	246.2	262.5	278.7	313.2	353.8	391.0
57.5°	333.0	296.0	248.3	208.0	189.8	171.6	189.8	208.0	248.3	296.0	333.0
60°	291.6	256.4	209.4	171.8	162.9	153.9	162.9	171.8	209.4	256.4	291.6
62.5°	250.4	218.9	180.1	150.2	147.0	143.9	147.0	150.2	180.1	218.9	250.4
65°	195.4	170.8	146.8	128.8	128.3	127.9	128.3	128.8	146.8	170.8	195.4
67.5°	152.2	134.1	121.8	112.4	111.9	111.4	111.9	112.4	121.8	134.1	152.2
70°	127.7	113.0	106.1	100.8	99.9	99.1	99.9	100.8	106.1	113.0	127.7
72.5°	108.6	96.5	92.0	88.6	88.0	87.5	88.0	88.6	92.0	96.5	108.6
75°	83.2	74.9	72.8	71.1	70.6	70.2	70.6	71.1	72.8	74.9	83.2
77.5°	61.3	56.0	54.9	53.9	53.5	53.1	53.5	53.9	54.9	56.0	61.3
80°	47.4	44.0	43.6	43.2	42.7	42.3	42.7	43.2	43.6	44.0	47.4
82.5°	35.1	33.3	32.8	32.3	31.5	30.8	31.5	32.3	32.8	33.3	35.1
85°	18.7	17.4	15.7	14.1	12.8	11.5	12.8	14.1	15.7	17.4	18.7
87.5°	5.4	4.8	4.9	4.9	5.2	5.1	5.2	4.9	4.9	4.8	5.4
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: P1428014

CATALOG NUMBER: SQ2W-PP3-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: P1428014

CATALOG NUMBER: SQ2W-PP3-K-025U-050D-L930-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
0°	909.9	909.9	909.9	909.9
2.5°	913.2	914.6	908.8	902.9
5°	912.8	913.8	906.6	899.3
7.5°	909.7	910.7	903.3	895.8
10°	905.4	906.3	899.9	893.5
12.5°	897.9	898.7	892.7	886.6
15°	885.5	885.4	879.8	874.3
17.5°	872.6	871.1	864.3	857.5
20°	863.4	860.7	852.6	844.5
22.5°	853.1	849.6	840.1	830.6
25°	835.5	828.6	819.2	809.8
27.5°	816.0	804.2	794.9	785.6
30°	800.9	787.4	778.4	769.4
32.5°	782.4	768.1	758.8	749.4
35°	752.1	735.5	726.5	717.5
37.5°	719.8	701.1	690.9	680.8
40°	698.3	679.6	666.3	653.1
42.5°	675.2	660.2	643.1	626.1
45°	634.2	625.0	604.9	584.8
47.5°	577.9	580.4	560.6	540.7
50°	534.8	548.3	529.5	510.7
52.5°	489.9	510.4	493.6	476.9
55°	424.8	447.2	435.7	424.2
57.5°	359.3	376.9	368.8	360.7
60°	315.2	331.2	324.8	318.4
62.5°	274.6	291.3	285.6	279.9
65°	220.6	238.1	232.5	227.0
67.5°	176.3	192.8	186.7	180.6
70°	150.4	165.8	159.3	152.9
72.5°	128.6	142.0	135.9	129.8
75°	97.8	107.5	102.8	98.1
77.5°	70.8	77.2	74.2	71.2
80°	53.9	58.3	57.1	55.8
82.5°	38.5	41.1	41.5	41.9
85°	19.6	20.4	21.3	22.1
87.5°	6.8	7.6	7.4	7.1
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: P1428014

CATALOG NUMBER: SQ2W-PP3-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: P1428014
 CATALOG NUMBER: SQ2W-PP3-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	18.57	19.61	19.33	20.38	21.32	14.34	15.38	15.10	16.16	17.09
	3H	19.64	20.57	20.42	21.36	22.33	15.67	16.59	16.44	17.38	18.35
	4H	20.02	20.90	20.81	21.69	22.67	16.23	17.10	17.02	17.90	18.88
	6H	20.22	21.03	21.03	21.83	22.82	16.60	17.41	17.41	18.21	19.20
	8H	20.29	21.06	21.11	21.88	22.87	16.74	17.50	17.55	18.32	19.32
	12H	20.32	21.05	21.14	21.86	22.88	16.78	17.51	17.60	18.32	19.34
4H	2H	18.71	19.59	19.51	20.38	21.36	15.27	16.15	16.07	16.94	17.92
	3H	20.02	20.75	20.83	21.57	22.57	16.71	17.44	17.52	18.26	19.26
	4H	20.54	21.19	21.36	22.02	23.05	17.34	18.00	18.16	18.82	19.85
	6H	20.86	21.43	21.70	22.28	23.31	17.80	18.36	18.63	19.21	20.24
	8H	20.98	21.50	21.82	22.35	23.39	17.97	18.50	18.81	19.34	20.39
	12H	21.03	21.50	21.89	22.37	23.42	18.03	18.50	18.89	19.37	20.42
8H	4H	20.57	21.10	21.41	21.94	22.99	17.66	18.19	18.50	19.04	20.08
	6H	20.99	21.42	21.86	22.31	23.36	18.23	18.66	19.10	19.55	20.60
	8H	21.17	21.56	22.05	22.44	23.50	18.48	18.86	19.36	19.75	20.81
	12H	21.27	21.62	22.15	22.49	23.61	18.58	18.93	19.46	19.80	20.92
12H	4H	20.54	21.01	21.40	21.88	22.93	17.68	18.16	18.54	19.03	20.07
	6H	20.98	21.37	21.86	22.25	23.31	18.29	18.68	19.17	19.57	20.63
	8H	21.18	21.53	22.07	22.40	23.52	18.58	18.92	19.46	19.80	20.91