

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: P1428015

Luminaire Tested: SQ2W-PP3-K-025U-050D-L935-UNV-STD-W-WM-4

Issue Date: 3/10/2026

Test Information

Test Method: LM-79-2019
Report Number: P1428015
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-L935-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: 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

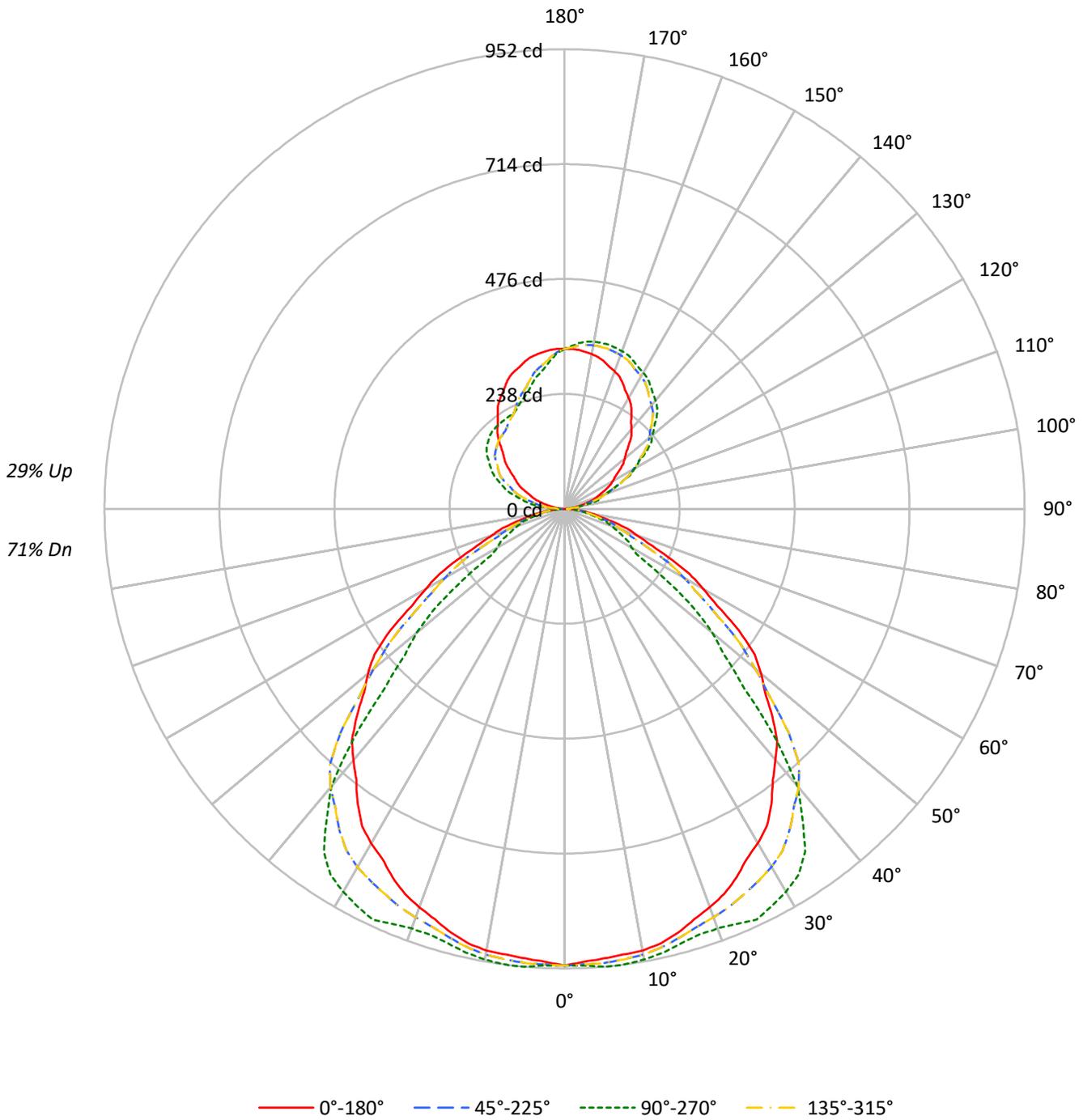
Lumens per Lamp: N/A
Luminaire Lumens: 3351.9 lumens
Efficiency: N/A
Efficacy: 132.5 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.41 / 1.4
Luminous Opening: Rectangular (W 0.17' x L: 4' x H: 0')
CIE Type: Semi-Direct

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

TEST NUMBER: P1428015

CATALOG NUMBER: SQ2W-PP3-K-025U-050D-L935-UNV-STD-W-WM-4

Luminous Intensity Polar Plot





TEST NUMBER: P1428015

CATALOG NUMBER: SQ2W-PP3-K-025U-050D-L935-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	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°	15274	15274	15274	15274
5°	15154	15429	15154	15429
10°	15231	15542	15231	15542
15°	15194	15578	15194	15578
20°	15086	15893	15086	15893
25°	15000	16728	15000	16728
30°	14915	17077	14915	17077
35°	14704	17108	14704	17108
40°	14311	15807	14311	15807
45°	13883	12033	13883	12033
50°	13338	10022	13338	10022
55°	12414	7206	12414	7206
60°	10688	5167	10688	5167
65°	9016	5081	9016	5081
70°	7506	4862	7506	4862
75°	6363	4554	6363	4554
80°	5393	4091	5393	4091
85°	4261	2223	4261	2223

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 40°
 Vertical Angle: 45°
 Luminance: 15186 cd/sqm



TEST NUMBER: P1428015

CATALOG NUMBER: SQ2W-PP3-K-025U-050D-L935-UNV-STD-W-WM-4

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.1	2.7
10°-20°	260.7	7.8
20°-30°	408.4	12.2
30°-40°	503.8	15.0
40°-50°	474.3	14.2
50°-60°	335.9	10.0
60°-70°	191.4	5.7
70°-80°	94.7	2.8
80°-90°	24.5	0.7
90°-100°	26.4	0.8
100°-110°	76.9	2.3
110°-120°	125.6	3.7
120°-130°	159.3	4.8
130°-140°	170.5	5.1
140°-150°	159.2	4.7
150°-160°	131.0	3.9
160°-170°	87.9	2.6
170°-180°	31.2	0.9
0°-30°	759.2	22.7
0°-40°	1263.0	37.7
0°-60°	2073.2	61.9
0°-90°	2383.9	71.1
90°-120°	228.9	6.8
90°-150°	717.9	21.4
90°-180°	968.0	28.9
0°-180°	3351.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	946	946	946	946	946	
5°	935	952	935	952	935	89
15°	909	932	909	932	909	256
25°	842	939	842	939	842	388
35°	746	868	746	868	746	465
45°	608	527	608	527	608	468
55°	441	256	441	256	441	389
65°	236	133	236	133	236	237
75°	102	73	102	73	102	111
85°	23	12	23	12	23	27
90°	1	7	1	14	1	2
95°	10	8	10	45	10	13
105°	49	78	49	108	49	52
115°	94	130	94	160	94	92
125°	139	206	139	196	139	124
135°	188	270	188	217	188	146
145°	241	311	241	222	241	151
155°	286	338	286	230	286	131
165°	316	352	316	265	316	89
175°	330	345	330	311	330	31
180°	332	332	332	332	332	



TEST NUMBER: P1428015

CATALOG NUMBER: SQ2W-PP3-K-025U-050D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
0°	946.0	946.0	946.0	946.0	946.0	946.0	946.0	946.0	946.0	946.0	946.0
2.5°	938.8	944.9	950.9	949.5	945.6	944.0	944.7	945.4	946.1	946.8	946.1
5°	935.0	942.6	950.1	949.0	945.0	943.5	944.3	945.8	948.9	952.0	948.9
7.5°	931.4	939.1	946.9	945.9	942.0	940.8	942.3	944.4	948.2	952.0	948.2
10°	929.0	935.7	942.3	941.3	937.8	937.1	939.3	941.8	944.9	948.0	944.9
12.5°	921.8	928.1	934.4	933.6	930.4	930.3	933.2	936.1	938.9	941.6	938.9
15°	909.0	914.8	920.6	920.7	918.9	920.0	924.0	927.6	929.8	932.0	929.8
17.5°	891.6	898.6	905.7	907.3	907.1	909.9	915.5	920.4	922.7	925.0	922.7
20°	878.0	886.5	894.9	897.7	898.6	902.6	909.7	916.1	920.6	925.0	920.6
22.5°	863.6	873.5	883.3	887.0	888.6	894.7	905.4	915.3	923.0	930.6	923.0
25°	842.0	851.8	861.6	868.7	874.9	885.8	901.3	915.9	927.5	939.0	927.5
27.5°	816.8	826.5	836.2	848.4	861.5	876.8	894.3	909.7	918.9	928.0	918.9
30°	800.0	809.3	818.7	832.7	848.2	865.1	883.3	899.1	907.6	916.0	907.6
32.5°	779.2	788.9	798.6	813.5	830.1	848.2	867.9	884.5	892.3	900.0	892.3
35°	746.0	755.3	764.7	782.0	802.0	822.2	842.7	859.1	863.6	868.0	863.6
37.5°	707.8	718.4	729.0	748.4	770.8	787.7	799.2	807.9	808.1	808.4	808.1
40°	679.0	692.8	706.6	726.0	747.3	759.1	761.3	761.6	755.8	750.0	755.8
42.5°	651.0	668.7	686.4	702.0	716.9	720.0	711.2	698.2	672.5	646.8	672.5
45°	608.0	628.9	649.8	659.3	665.1	645.6	600.7	562.6	544.8	527.0	544.8
47.5°	562.2	582.8	603.4	600.8	590.4	560.8	512.0	472.3	460.1	447.8	460.1
50°	531.0	550.6	570.1	556.0	530.7	497.3	456.0	422.1	410.6	399.0	410.6
52.5°	495.8	513.2	530.6	509.3	475.1	440.0	404.0	372.6	355.0	337.4	355.0
55°	441.0	453.0	465.0	441.7	406.6	367.9	325.7	289.8	272.9	256.0	272.9
57.5°	375.0	383.4	391.9	373.5	346.2	307.8	258.2	216.3	197.3	178.4	197.3
60°	331.0	337.7	344.3	327.7	303.2	266.6	217.7	178.7	169.3	160.0	169.3
62.5°	291.0	297.0	302.9	285.5	260.4	227.6	187.3	156.2	152.9	149.6	152.9
65°	236.0	241.8	247.6	229.3	203.1	177.6	152.7	133.9	133.4	133.0	133.4
67.5°	187.8	194.1	200.4	183.3	158.3	139.4	126.6	116.9	116.3	115.8	116.3
70°	159.0	165.7	172.3	156.3	132.8	117.4	110.3	104.8	103.9	103.0	103.9
72.5°	135.0	141.3	147.6	133.7	113.0	100.3	95.7	92.1	91.5	91.0	91.5
75°	102.0	106.9	111.8	101.7	86.6	77.9	75.7	73.9	73.4	73.0	73.4
77.5°	74.0	77.1	80.2	73.6	63.7	58.2	57.1	56.1	55.6	55.2	55.6
80°	58.0	59.3	60.7	56.0	49.3	45.8	45.3	44.9	44.4	44.0	44.4
82.5°	43.6	43.2	42.7	40.0	36.5	34.6	34.1	33.6	32.8	32.0	32.8
85°	23.0	22.1	21.2	20.3	19.4	18.1	16.3	14.7	13.3	12.0	13.3
87.5°	7.4	7.7	8.0	6.9	5.4	4.4	4.0	3.8	3.9	3.9	3.9
90°	1.0	2.3	4.0	5.4	6.4	6.7	6.7	7.0	7.4	7.4	7.4
92.5°	3.7	5.8	5.9	5.9	7.2	7.8	8.3	8.4	8.7	8.7	8.7
95°	10.4	11.4	17.1	16.7	11.4	9.0	7.7	7.7	7.7	7.7	7.7
97.5°	19.8	21.3	22.2	29.8	31.5	30.4	24.8	20.8	18.6	17.6	18.6
100°	28.1	28.8	30.8	31.1	39.5	47.6	43.5	38.5	36.8	35.8	36.8
102.5°	36.4	36.8	39.9	41.3	43.3	47.8	61.8	60.2	59.1	58.9	59.1
105°	48.9	49.2	54.9	57.6	58.9	58.9	58.6	65.3	76.0	78.4	76.0
107.5°	62.2	63.8	70.5	77.6	79.2	79.6	77.8	76.8	76.4	76.7	76.4
110°	71.3	73.7	81.7	90.8	93.1	93.8	93.1	92.1	91.4	91.4	91.4



TEST NUMBER: P1428015

CATALOG NUMBER: SQ2W-PP3-K-025U-050D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°
112.5°	80.2	83.6	92.7	103.1	107.0	109.0	107.6	106.8	106.2	106.7	106.2
115°	93.8	98.8	110.8	121.6	129.6	130.6	130.3	130.3	129.9	129.9	129.9
117.5°	106.4	114.4	127.9	140.4	149.7	152.4	153.7	153.3	152.9	153.6	152.9
120°	115.2	124.6	140.0	154.0	163.1	167.1	168.4	167.8	168.4	167.8	168.4
122.5°	124.6	136.1	151.2	165.8	176.5	181.0	182.6	182.8	182.9	182.5	182.9
125°	138.6	152.7	170.5	185.5	196.6	201.9	203.3	203.6	204.3	206.0	204.3
127.5°	152.8	168.8	188.3	202.8	214.1	220.6	222.7	223.4	224.8	225.6	224.8
130°	162.8	180.8	200.6	214.3	225.4	232.4	236.1	237.1	238.8	238.4	238.8
132.5°	173.2	192.1	212.1	226.4	236.6	244.2	247.3	250.2	250.8	251.3	250.8
135°	188.5	209.0	229.1	243.1	252.8	260.2	264.2	266.9	268.6	269.6	268.6
137.5°	204.7	226.2	245.5	258.1	267.8	274.2	278.8	281.6	283.3	284.1	283.3
140°	215.7	236.4	255.2	268.2	276.9	283.3	287.3	290.7	292.7	292.7	292.7
142.5°	226.1	246.6	264.8	277.9	285.5	291.3	295.6	298.2	300.5	300.5	300.5
145°	240.8	261.2	277.9	291.0	297.4	302.7	307.4	309.4	310.8	310.8	310.8
147.5°	256.1	274.2	289.5	302.0	307.4	313.6	317.3	318.9	320.6	319.9	320.6
150°	265.2	282.0	296.7	308.4	313.8	319.8	323.5	324.8	326.5	325.5	326.5
152.5°	274.1	290.0	303.4	314.3	318.9	324.9	329.1	330.5	331.6	330.9	331.6
155°	286.0	300.1	312.4	322.5	326.5	332.2	336.2	337.9	339.2	337.6	339.2
157.5°	296.6	308.8	319.5	328.8	333.1	338.0	341.7	343.8	345.1	344.4	345.1
160°	303.1	314.1	323.8	332.5	336.6	340.9	344.9	347.3	348.6	347.6	348.6
162.5°	308.4	318.4	327.6	335.5	339.0	342.8	347.6	349.7	351.0	349.7	351.0
165°	316.1	324.2	332.2	338.9	341.9	344.9	349.9	352.3	353.3	352.0	353.3
167.5°	322.0	328.1	334.6	340.4	342.6	345.5	350.6	352.5	353.8	352.1	353.8
170°	325.2	330.5	336.2	340.9	342.6	345.3	350.3	352.0	353.0	351.3	353.0
172.5°	327.8	331.9	336.5	340.6	341.5	343.7	348.4	350.1	350.8	349.4	350.8
175°	330.5	332.9	336.2	338.9	338.6	339.9	343.9	345.3	346.6	344.6	346.6
177.5°	331.8	332.9	333.9	335.5	334.5	334.5	337.4	338.2	338.5	337.4	338.5
180°	331.5	331.5	331.5	331.5	331.5	331.5	331.5	331.5	331.5	331.5	331.5



TEST NUMBER: P1428015

CATALOG NUMBER: SQ2W-PP3-K-025U-050D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
0°	946.0	946.0	946.0	946.0	946.0	946.0	946.0	946.0	946.0	946.0	946.0
2.5°	945.4	944.7	944.0	945.6	949.5	950.9	944.9	938.8	944.9	950.9	949.5
5°	945.8	944.3	943.5	945.0	949.0	950.1	942.6	935.0	942.6	950.1	949.0
7.5°	944.4	942.3	940.8	942.0	945.9	946.9	939.1	931.4	939.1	946.9	945.9
10°	941.8	939.3	937.1	937.8	941.3	942.3	935.7	929.0	935.7	942.3	941.3
12.5°	936.1	933.2	930.3	930.4	933.6	934.4	928.1	921.8	928.1	934.4	933.6
15°	927.6	924.0	920.0	918.9	920.7	920.6	914.8	909.0	914.8	920.6	920.7
17.5°	920.4	915.5	909.9	907.1	907.3	905.7	898.6	891.6	898.6	905.7	907.3
20°	916.1	909.7	902.6	898.6	897.7	894.9	886.5	878.0	886.5	894.9	897.7
22.5°	915.3	905.4	894.7	888.6	887.0	883.3	873.5	863.6	873.5	883.3	887.0
25°	915.9	901.3	885.8	874.9	868.7	861.6	851.8	842.0	851.8	861.6	868.7
27.5°	909.7	894.3	876.8	861.5	848.4	836.2	826.5	816.8	826.5	836.2	848.4
30°	899.1	883.3	865.1	848.2	832.7	818.7	809.3	800.0	809.3	818.7	832.7
32.5°	884.5	867.9	848.2	830.1	813.5	798.6	788.9	779.2	788.9	798.6	813.5
35°	859.1	842.7	822.2	802.0	782.0	764.7	755.3	746.0	755.3	764.7	782.0
37.5°	807.9	799.2	787.7	770.8	748.4	729.0	718.4	707.8	718.4	729.0	748.4
40°	761.6	761.3	759.1	747.3	726.0	706.6	692.8	679.0	692.8	706.6	726.0
42.5°	698.2	711.2	720.0	716.9	702.0	686.4	668.7	651.0	668.7	686.4	702.0
45°	562.6	600.7	645.6	665.1	659.3	649.8	628.9	608.0	628.9	649.8	659.3
47.5°	472.3	512.0	560.8	590.4	600.8	603.4	582.8	562.2	582.8	603.4	600.8
50°	422.1	456.0	497.3	530.7	556.0	570.1	550.6	531.0	550.6	570.1	556.0
52.5°	372.6	404.0	440.0	475.1	509.3	530.6	513.2	495.8	513.2	530.6	509.3
55°	289.8	325.7	367.9	406.6	441.7	465.0	453.0	441.0	453.0	465.0	441.7
57.5°	216.3	258.2	307.8	346.2	373.5	391.9	383.4	375.0	383.4	391.9	373.5
60°	178.7	217.7	266.6	303.2	327.7	344.3	337.7	331.0	337.7	344.3	327.7
62.5°	156.2	187.3	227.6	260.4	285.5	302.9	297.0	291.0	297.0	302.9	285.5
65°	133.9	152.7	177.6	203.1	229.3	247.6	241.8	236.0	241.8	247.6	229.3
67.5°	116.9	126.6	139.4	158.3	183.3	200.4	194.1	187.8	194.1	200.4	183.3
70°	104.8	110.3	117.4	132.8	156.3	172.3	165.7	159.0	165.7	172.3	156.3
72.5°	92.1	95.7	100.3	113.0	133.7	147.6	141.3	135.0	141.3	147.6	133.7
75°	73.9	75.7	77.9	86.6	101.7	111.8	106.9	102.0	106.9	111.8	101.7
77.5°	56.1	57.1	58.2	63.7	73.6	80.2	77.1	74.0	77.1	80.2	73.6
80°	44.9	45.3	45.8	49.3	56.0	60.7	59.3	58.0	59.3	60.7	56.0
82.5°	33.6	34.1	34.6	36.5	40.0	42.7	43.2	43.6	43.2	42.7	40.0
85°	14.7	16.3	18.1	19.4	20.3	21.2	22.1	23.0	22.1	21.2	20.3
87.5°	3.8	4.0	4.4	5.4	6.9	8.0	7.7	7.4	7.7	7.9	7.1
90°	7.0	6.7	6.7	6.4	5.4	4.0	2.3	1.0	2.3	3.7	6.0
92.5°	8.4	8.3	7.8	7.2	5.9	5.9	5.8	3.7	6.4	9.0	13.0
95°	7.7	7.7	9.0	11.4	16.7	17.1	11.4	10.4	14.7	20.8	26.1
97.5°	20.8	24.8	30.4	31.5	29.8	22.2	21.3	19.8	27.0	33.0	41.6
100°	38.5	43.5	47.6	39.5	31.1	30.8	28.8	28.1	35.8	41.5	49.9
102.5°	60.2	61.8	47.8	43.3	41.3	39.9	36.8	36.4	44.1	52.0	59.0
105°	65.3	58.6	58.9	58.9	57.6	54.9	49.2	48.9	57.6	66.6	75.3
107.5°	76.8	77.8	79.6	79.2	77.6	70.5	63.8	62.2	70.1	80.9	90.5
110°	92.1	93.1	93.8	93.1	90.8	81.7	73.7	71.3	78.4	89.7	100.1



TEST NUMBER: P1428015

CATALOG NUMBER: SQ2W-PP3-K-025U-050D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°	210°
112.5°	106.8	107.6	109.0	107.0	103.1	92.7	83.6	80.2	87.2	98.9	109.5
115°	130.3	130.3	130.6	129.6	121.6	110.8	98.8	93.8	99.8	110.5	122.2
117.5°	153.3	153.7	152.4	149.7	140.4	127.9	114.4	106.4	111.1	122.4	134.5
120°	167.8	168.4	167.1	163.1	154.0	140.0	124.6	115.2	118.9	129.9	142.0
122.5°	182.8	182.6	181.0	176.5	165.8	151.2	136.1	124.6	126.1	136.4	148.2
125°	203.6	203.3	201.9	196.6	185.5	170.5	152.7	138.6	136.6	145.3	157.4
127.5°	223.4	222.7	220.6	214.1	202.8	188.3	168.8	152.8	148.4	153.8	164.9
130°	237.1	236.1	232.4	225.4	214.3	200.6	180.8	162.8	156.4	159.7	169.4
132.5°	250.2	247.3	244.2	236.6	226.4	212.1	192.1	173.2	164.4	165.9	173.5
135°	266.9	264.2	260.2	252.8	243.1	229.1	209.0	188.5	176.5	175.1	179.5
137.5°	281.6	278.8	274.2	267.8	258.1	245.5	226.2	204.7	189.5	185.0	186.7
140°	290.7	287.3	283.3	276.9	268.2	255.2	236.4	215.7	198.6	192.2	191.2
142.5°	298.2	295.6	291.3	285.5	277.9	264.8	246.6	226.1	208.0	199.7	197.4
145°	309.4	307.4	302.7	297.4	291.0	277.9	261.2	240.8	222.7	212.0	207.0
147.5°	318.9	317.3	313.6	307.4	302.0	289.5	274.2	256.1	237.6	224.3	217.8
150°	324.8	323.5	319.8	313.8	308.4	296.7	282.0	265.2	247.5	233.4	225.0
152.5°	330.5	329.1	324.9	318.9	314.3	303.4	290.0	274.1	256.0	242.0	233.3
155°	337.9	336.2	332.2	326.5	322.5	312.4	300.1	286.0	270.6	255.8	246.1
157.5°	343.8	341.7	338.0	333.1	328.8	319.5	308.8	296.6	283.2	269.1	259.2
160°	347.3	344.9	340.9	336.6	332.5	323.8	314.1	303.1	290.7	277.9	267.2
162.5°	349.7	347.6	342.8	339.0	335.5	327.6	318.4	308.4	297.4	286.3	276.3
165°	352.3	349.9	344.9	341.9	338.9	332.2	324.2	316.1	306.7	297.7	289.7
167.5°	352.5	350.6	345.5	342.6	340.4	334.6	328.1	322.0	314.7	307.6	300.9
170°	352.0	350.3	345.3	342.6	340.9	336.2	330.5	325.2	319.5	313.4	308.1
172.5°	350.1	348.4	343.7	341.5	340.6	336.5	331.9	327.8	323.0	318.5	314.3
175°	345.3	343.9	339.9	338.6	338.9	336.2	332.9	330.5	327.5	324.8	322.5
177.5°	338.2	337.4	334.5	334.5	335.5	333.9	332.9	331.8	330.5	329.7	328.9
180°	331.5	331.5	331.5	331.5	331.5	331.5	331.5	331.5	331.5	331.5	331.5



TEST NUMBER: P1428015

CATALOG NUMBER: SQ2W-PP3-K-025U-050D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
0°	946.0	946.0	946.0	946.0	946.0	946.0	946.0	946.0	946.0	946.0	946.0
2.5°	945.6	944.0	944.7	945.4	946.1	946.8	946.1	945.4	944.7	944.0	945.6
5°	945.0	943.5	944.3	945.8	948.9	952.0	948.9	945.8	944.3	943.5	945.0
7.5°	942.0	940.8	942.3	944.4	948.2	952.0	948.2	944.4	942.3	940.8	942.0
10°	937.8	937.1	939.3	941.8	944.9	948.0	944.9	941.8	939.3	937.1	937.8
12.5°	930.4	930.3	933.2	936.1	938.9	941.6	938.9	936.1	933.2	930.3	930.4
15°	918.9	920.0	924.0	927.6	929.8	932.0	929.8	927.6	924.0	920.0	918.9
17.5°	907.1	909.9	915.5	920.4	922.7	925.0	922.7	920.4	915.5	909.9	907.1
20°	898.6	902.6	909.7	916.1	920.6	925.0	920.6	916.1	909.7	902.6	898.6
22.5°	888.6	894.7	905.4	915.3	923.0	930.6	923.0	915.3	905.4	894.7	888.6
25°	874.9	885.8	901.3	915.9	927.5	939.0	927.5	915.9	901.3	885.8	874.9
27.5°	861.5	876.8	894.3	909.7	918.9	928.0	918.9	909.7	894.3	876.8	861.5
30°	848.2	865.1	883.3	899.1	907.6	916.0	907.6	899.1	883.3	865.1	848.2
32.5°	830.1	848.2	867.9	884.5	892.3	900.0	892.3	884.5	867.9	848.2	830.1
35°	802.0	822.2	842.7	859.1	863.6	868.0	863.6	859.1	842.7	822.2	802.0
37.5°	770.8	787.7	799.2	807.9	808.1	808.4	808.1	807.9	799.2	787.7	770.8
40°	747.3	759.1	761.3	761.6	755.8	750.0	755.8	761.6	761.3	759.1	747.3
42.5°	716.9	720.0	711.2	698.2	672.5	646.8	672.5	698.2	711.2	720.0	716.9
45°	665.1	645.6	600.7	562.6	544.8	527.0	544.8	562.6	600.7	645.6	665.1
47.5°	590.4	560.8	512.0	472.3	460.1	447.8	460.1	472.3	512.0	560.8	590.4
50°	530.7	497.3	456.0	422.1	410.6	399.0	410.6	422.1	456.0	497.3	530.7
52.5°	475.1	440.0	404.0	372.6	355.0	337.4	355.0	372.6	404.0	440.0	475.1
55°	406.6	367.9	325.7	289.8	272.9	256.0	272.9	289.8	325.7	367.9	406.6
57.5°	346.2	307.8	258.2	216.3	197.3	178.4	197.3	216.3	258.2	307.8	346.2
60°	303.2	266.6	217.7	178.7	169.3	160.0	169.3	178.7	217.7	266.6	303.2
62.5°	260.4	227.6	187.3	156.2	152.9	149.6	152.9	156.2	187.3	227.6	260.4
65°	203.1	177.6	152.7	133.9	133.4	133.0	133.4	133.9	152.7	177.6	203.1
67.5°	158.3	139.4	126.6	116.9	116.3	115.8	116.3	116.9	126.6	139.4	158.3
70°	132.8	117.4	110.3	104.8	103.9	103.0	103.9	104.8	110.3	117.4	132.8
72.5°	113.0	100.3	95.7	92.1	91.5	91.0	91.5	92.1	95.7	100.3	113.0
75°	86.6	77.9	75.7	73.9	73.4	73.0	73.4	73.9	75.7	77.9	86.6
77.5°	63.7	58.2	57.1	56.1	55.6	55.2	55.6	56.1	57.1	58.2	63.7
80°	49.3	45.8	45.3	44.9	44.4	44.0	44.4	44.9	45.3	45.8	49.3
82.5°	36.5	34.6	34.1	33.6	32.8	32.0	32.8	33.6	34.1	34.6	36.5
85°	19.4	18.1	16.3	14.7	13.3	12.0	13.3	14.7	16.3	18.1	19.4
87.5°	5.6	5.0	5.1	5.1	5.4	5.3	5.4	5.1	5.1	5.0	5.6
90°	7.7	10.0	12.4	13.7	15.1	14.4	15.1	13.7	12.4	10.0	7.7
92.5°	15.5	19.4	22.3	24.7	25.8	25.7	25.8	24.7	22.3	19.4	15.5
95°	31.1	35.8	40.5	43.9	45.9	45.2	45.9	43.9	40.5	35.8	31.1
97.5°	48.0	54.3	59.5	62.7	64.7	66.0	64.7	62.7	59.5	54.3	48.0
100°	59.3	65.3	71.3	75.0	78.4	79.7	78.4	75.0	71.3	65.3	59.3
102.5°	68.4	76.3	82.8	86.8	89.6	91.0	89.6	86.8	82.8	76.3	68.4
105°	83.4	91.8	98.8	103.8	106.8	107.8	106.8	103.8	98.8	91.8	83.4
107.5°	98.4	107.0	113.5	119.1	122.8	124.9	122.8	119.1	113.5	107.0	98.4
110°	110.2	117.2	124.2	129.3	132.9	134.3	132.9	129.3	124.2	117.2	110.2



TEST NUMBER: P1428015

CATALOG NUMBER: SQ2W-PP3-K-025U-050D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	220°	230°	240°	250°	260°	270°	280°	290°	300°	310°	320°
112.5°	120.1	127.9	135.0	140.0	144.2	146.1	144.2	140.0	135.0	127.9	120.1
115°	134.0	144.3	150.7	155.4	158.4	160.1	158.4	155.4	150.7	144.3	134.0
117.5°	145.5	156.3	163.3	166.9	168.3	169.5	168.3	166.9	163.3	156.3	145.5
120°	152.7	162.8	170.8	175.5	177.2	177.8	177.2	175.5	170.8	162.8	152.7
122.5°	159.4	168.9	176.7	182.4	185.2	185.9	185.2	182.4	176.7	168.9	159.4
125°	168.8	177.8	185.9	191.6	194.6	196.2	194.6	191.6	185.9	177.8	168.8
127.5°	176.9	186.7	194.1	199.3	202.2	203.5	202.2	199.3	194.1	186.7	176.9
130°	181.5	191.6	198.9	204.6	207.3	208.6	207.3	204.6	198.9	191.6	181.5
132.5°	185.0	195.6	203.2	208.4	211.3	212.6	211.3	208.4	203.2	195.6	185.0
135°	189.2	200.3	208.3	213.3	216.0	217.3	216.0	213.3	208.3	200.3	189.2
137.5°	192.9	202.9	211.3	216.6	219.0	219.9	219.0	216.6	211.3	202.9	192.9
140°	195.6	204.3	212.6	217.7	220.4	220.7	220.4	217.7	212.6	204.3	195.6
142.5°	199.1	205.9	213.2	218.2	220.9	221.5	220.9	218.2	213.2	205.9	199.1
145°	205.3	209.3	214.3	219.0	221.4	222.0	221.4	219.0	214.3	209.3	205.3
147.5°	213.1	214.4	217.0	220.1	222.4	222.8	222.4	220.1	217.0	214.4	213.1
150°	219.0	218.7	219.7	221.7	223.7	223.4	223.7	221.7	219.7	218.7	219.0
152.5°	225.7	223.8	223.7	224.6	225.6	225.5	225.6	224.6	223.7	223.8	225.7
155°	237.1	233.4	231.4	230.7	230.7	230.4	230.7	230.7	231.4	233.4	237.1
157.5°	249.6	244.5	241.4	239.8	239.4	238.6	239.4	239.8	241.4	244.5	249.6
160°	258.2	252.5	249.5	246.8	245.8	244.8	245.8	246.8	249.5	252.5	258.2
162.5°	266.2	260.8	257.5	255.1	254.1	252.6	254.1	255.1	257.5	260.8	266.2
165°	279.3	273.6	269.9	267.9	266.6	265.2	266.6	267.9	269.9	273.6	279.3
167.5°	292.3	286.1	283.7	281.4	280.2	277.7	280.2	281.4	283.7	286.1	292.3
170°	300.4	294.7	293.4	291.3	289.0	286.3	289.0	291.3	293.4	294.7	300.4
172.5°	307.4	303.5	302.2	300.2	299.4	297.3	299.4	300.2	302.2	303.5	307.4
175°	317.5	314.5	314.5	314.1	313.1	311.1	313.1	314.1	314.5	314.5	317.5
177.5°	325.9	324.3	325.4	325.4	325.1	323.2	325.1	325.4	325.4	324.3	325.9
180°	331.5	331.5	331.5	331.5	331.5	331.5	331.5	331.5	331.5	331.5	331.5



TEST NUMBER: P1428015

CATALOG NUMBER: SQ2W-PP3-K-025U-050D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
0°	946.0	946.0	946.0	946.0
2.5°	949.5	950.9	944.9	938.8
5°	949.0	950.1	942.6	935.0
7.5°	945.9	946.9	939.1	931.4
10°	941.3	942.3	935.7	929.0
12.5°	933.6	934.4	928.1	921.8
15°	920.7	920.6	914.8	909.0
17.5°	907.3	905.7	898.6	891.6
20°	897.7	894.9	886.5	878.0
22.5°	887.0	883.3	873.5	863.6
25°	868.7	861.6	851.8	842.0
27.5°	848.4	836.2	826.5	816.8
30°	832.7	818.7	809.3	800.0
32.5°	813.5	798.6	788.9	779.2
35°	782.0	764.7	755.3	746.0
37.5°	748.4	729.0	718.4	707.8
40°	726.0	706.6	692.8	679.0
42.5°	702.0	686.4	668.7	651.0
45°	659.3	649.8	628.9	608.0
47.5°	600.8	603.4	582.8	562.2
50°	556.0	570.1	550.6	531.0
52.5°	509.3	530.6	513.2	495.8
55°	441.7	465.0	453.0	441.0
57.5°	373.5	391.9	383.4	375.0
60°	327.7	344.3	337.7	331.0
62.5°	285.5	302.9	297.0	291.0
65°	229.3	247.6	241.8	236.0
67.5°	183.3	200.4	194.1	187.8
70°	156.3	172.3	165.7	159.0
72.5°	133.7	147.6	141.3	135.0
75°	101.7	111.8	106.9	102.0
77.5°	73.6	80.2	77.1	74.0
80°	56.0	60.7	59.3	58.0
82.5°	40.0	42.7	43.2	43.6
85°	20.3	21.2	22.1	23.0
87.5°	7.1	7.9	7.7	7.4
90°	6.0	3.7	2.3	1.0
92.5°	13.0	9.0	6.4	3.7
95°	26.1	20.8	14.7	10.4
97.5°	41.6	33.0	27.0	19.8
100°	49.9	41.5	35.8	28.1
102.5°	59.0	52.0	44.1	36.4
105°	75.3	66.6	57.6	48.9
107.5°	90.5	80.9	70.1	62.2
110°	100.1	89.7	78.4	71.3



TEST NUMBER: P1428015

CATALOG NUMBER: SQ2W-PP3-K-025U-050D-L935-UNV-STD-W-WM-4

CANDELA DISTRIBUTION (continued):

	330°	340°	350°	360°
112.5°	109.5	98.9	87.2	80.2
115°	122.2	110.5	99.8	93.8
117.5°	134.5	122.4	111.1	106.4
120°	142.0	129.9	118.9	115.2
122.5°	148.2	136.4	126.1	124.6
125°	157.4	145.3	136.6	138.6
127.5°	164.9	153.8	148.4	152.8
130°	169.4	159.7	156.4	162.8
132.5°	173.5	165.9	164.4	173.2
135°	179.5	175.1	176.5	188.5
137.5°	186.7	185.0	189.5	204.7
140°	191.2	192.2	198.6	215.7
142.5°	197.4	199.7	208.0	226.1
145°	207.0	212.0	222.7	240.8
147.5°	217.8	224.3	237.6	256.1
150°	225.0	233.4	247.5	265.2
152.5°	233.3	242.0	256.0	274.1
155°	246.1	255.8	270.6	286.0
157.5°	259.2	269.1	283.2	296.6
160°	267.2	277.9	290.7	303.1
162.5°	276.3	286.3	297.4	308.4
165°	289.7	297.7	306.7	316.1
167.5°	300.9	307.6	314.7	322.0
170°	308.1	313.4	319.5	325.2
172.5°	314.3	318.5	323.0	327.8
175°	322.5	324.8	327.5	330.5
177.5°	328.9	329.7	330.5	331.8
180°	331.5	331.5	331.5	331.5



TEST NUMBER: P1428015
 CATALOG NUMBER: SQ2W-PP3-K-025U-050D-L935-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	18.70	19.74	19.46	20.52	21.46	14.48	15.52	15.24	16.29	17.23
	3H	19.78	20.71	20.55	21.49	22.46	15.80	16.73	16.57	17.51	18.48
	4H	20.16	21.03	20.95	21.83	22.81	16.37	17.24	17.16	18.03	19.01
	6H	20.36	21.16	21.16	21.97	22.96	16.74	17.54	17.54	18.35	19.34
	8H	20.43	21.19	21.24	22.01	23.01	16.87	17.64	17.69	18.46	19.45
	12H	20.45	21.18	21.27	22.00	23.02	16.91	17.64	17.73	18.46	19.48
4H	2H	18.85	19.72	19.64	20.51	21.49	15.41	16.28	16.20	17.08	18.06
	3H	20.16	20.88	20.97	21.71	22.71	16.85	17.57	17.66	18.40	19.40
	4H	20.67	21.33	21.49	22.16	23.18	17.48	18.13	18.30	18.96	19.98
	6H	21.00	21.56	21.84	22.42	23.45	17.93	18.50	18.77	19.35	20.38
	8H	21.11	21.64	21.95	22.49	23.53	18.10	18.63	18.95	19.48	20.52
	12H	21.16	21.64	22.02	22.51	23.55	18.16	18.64	19.02	19.50	20.55
8H	4H	20.71	21.23	21.55	22.08	23.12	17.80	18.33	18.64	19.17	20.22
	6H	21.12	21.56	21.99	22.45	23.49	18.36	18.80	19.23	19.69	20.73
	8H	21.30	21.69	22.18	22.58	23.64	18.61	19.00	19.49	19.89	20.94
	12H	21.41	21.75	22.29	22.63	23.74	18.72	19.06	19.60	19.94	21.05
12H	4H	20.67	21.15	21.53	22.02	23.06	17.82	18.29	18.68	19.16	20.21
	6H	21.12	21.50	22.00	22.39	23.45	18.43	18.82	19.31	19.70	20.76
	8H	21.32	21.66	22.20	22.54	23.65	18.71	19.05	19.59	19.93	21.04