

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: CORELITE

Report Number: P303076

Luminaire Tested: **CTW-F-2575-30L840-UNV-STD-8**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P303076
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-181-4)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: CTW-F-2575-30L840-UNV-STD-8
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE
25% UPLIGHT, 75% DOWNLIGHT, 3000 LUMEN PACKAGE
Light Source: 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6099.1 lumens
Efficiency: N/A
Efficacy: 121.7 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.22 / 1.32
Luminous Opening: Rectangular (W 8' x L: 0.12' x H: 0')
CIE Type: Semi-Direct

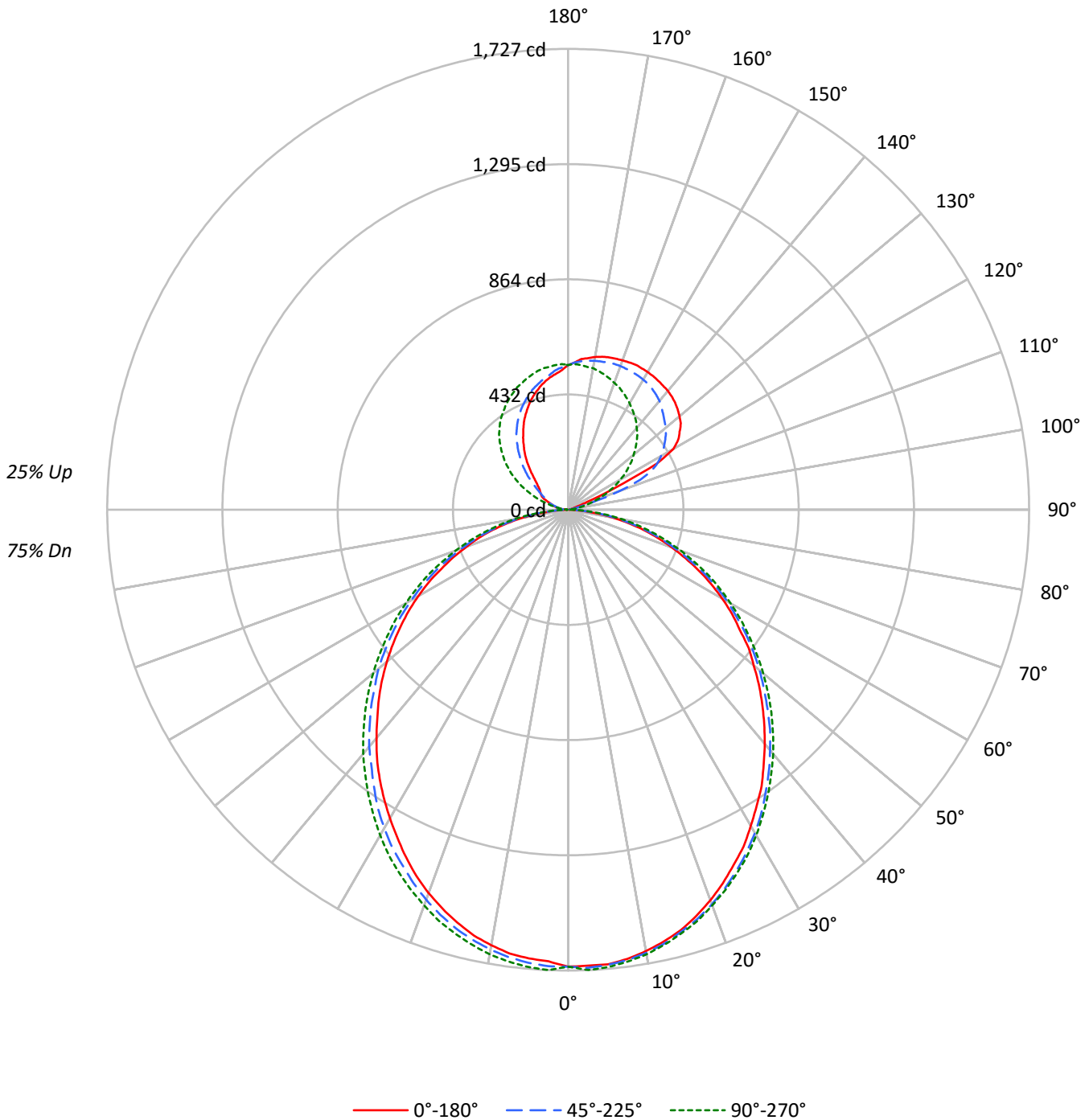
Input Watts (W): 50.1
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	113	113	113	113	108	108	108	108	97	97	97	88	88	88	79	79	79	75
1	103	99	95	91	98	94	90	87	85	82	80	77	75	73	70	68	67	63
2	94	86	80	74	89	82	76	71	75	70	66	68	64	61	61	58	56	52
3	86	76	68	62	81	72	65	59	66	60	55	60	55	51	54	50	47	44
4	78	67	59	52	74	64	56	50	58	52	47	53	48	44	48	44	41	38
5	72	60	51	45	68	57	49	43	52	46	41	48	42	38	43	39	35	33
6	66	54	45	39	63	51	44	38	47	41	36	43	38	33	39	35	31	29
7	62	49	40	34	58	47	39	33	43	36	31	39	34	30	36	31	28	25
8	57	44	36	31	54	43	35	30	39	33	28	36	31	26	33	28	25	23
9	53	41	33	27	51	39	32	27	36	30	25	33	28	24	31	26	22	20
10	50	37	30	25	48	36	29	24	33	27	23	31	25	22	28	24	20	19

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	18431	18431	18431
5°	18480	18590	18237
10°	18359	18492	18114
15°	18173	18309	17854
20°	17840	18073	17512
25°	17431	17819	17068
30°	17001	17508	16595
35°	16607	17143	16178
40°	16097	16784	15697
45°	15640	16384	15267
50°	15190	15975	14848
55°	14728	15531	14422
60°	14350	15141	13954
65°	13759	14744	13344
70°	13023	14115	12702
75°	12123	13479	12123
80°	10612	12509	10742
85°	7052	10572	7299



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	161.8	2.7
10°-20°	458.0	7.5
20°-30°	678.3	11.1
30°-40°	796.1	13.1
40°-50°	806.6	13.2
50°-60°	719.5	11.8
60°-70°	549.0	9.0
70°-80°	322.8	5.3
80°-90°	85.3	1.4
90°-100°	15.7	0.3
100°-110°	67.1	1.1
110°-120°	186.6	3.1
120°-130°	267.0	4.4
130°-140°	287.8	4.7
140°-150°	273.7	4.5
150°-160°	224.9	3.7
160°-170°	147.5	2.4
170°-180°	51.3	0.8
0°-30°	1298.1	21.3
0°-40°	2094.2	34.3
0°-60°	3620.3	59.4
0°-90°	4577.4	75.1
90°-120°	269.5	4.4
90°-150°	1098.0	18.0
90°-180°	1522.0	25.0
0°-180°	6099.1	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	1712	1712	1712	1712	1712	
5°	1710	1712	1720	1704	1688	162
15°	1631	1637	1643	1625	1602	459
25°	1468	1492	1500	1470	1437	676
35°	1264	1290	1305	1268	1231	788
45°	1027	1056	1076	1044	1003	793
55°	785	813	828	803	768	705
65°	540	561	579	552	524	534
75°	292	306	324	304	292	308
85°	57	69	86	67	59	71
90°	2	2	2	4	4	2
95°	4	4	12	20	18	4
105°	18	49	73	51	57	21
115°	192	342	173	92	104	217
125°	510	442	275	151	130	455
135°	567	504	363	245	194	437
145°	589	550	432	338	290	370
155°	599	569	485	416	383	276
165°	591	571	524	477	459	167
175°	567	558	544	526	512	54
180°	542	542	542	542	542	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1712.3	1712.3	1712.3	1712.3	1712.3	1712.3	1712.3	1712.3	1712.3	1712.3	1712.3
2.5°	1710.3	1708.2	1708.2	1708.2	1714.3	1714.3	1712.3	1712.3	1714.3	1722.5	1718.4
5°	1710.3	1708.2	1708.2	1704.2	1708.2	1708.2	1706.2	1706.2	1708.2	1716.4	1712.3
7.5°	1698.0	1698.0	1696.0	1694.0	1696.0	1696.0	1696.0	1694.0	1696.0	1706.2	1702.1
10°	1679.7	1679.7	1677.7	1675.6	1677.7	1677.7	1677.7	1677.7	1679.7	1689.9	1685.8
12.5°	1657.3	1657.3	1655.2	1653.2	1657.3	1657.3	1655.2	1655.2	1657.3	1669.5	1665.4
15°	1630.8	1630.8	1630.8	1628.7	1632.8	1630.8	1630.8	1630.8	1630.8	1641.0	1636.9
17.5°	1596.1	1596.1	1596.1	1596.1	1600.2	1600.2	1600.2	1598.2	1600.2	1610.4	1608.3
20°	1557.4	1557.4	1557.4	1557.4	1559.4	1561.5	1559.4	1561.5	1561.5	1573.7	1573.7
22.5°	1514.6	1514.6	1512.5	1512.5	1514.6	1518.7	1516.6	1516.6	1518.7	1530.9	1535.0
25°	1467.7	1467.7	1467.7	1469.7	1471.8	1473.8	1471.8	1475.8	1475.8	1488.1	1492.2
27.5°	1422.8	1418.8	1420.8	1420.8	1422.8	1424.9	1424.9	1429.0	1431.0	1441.2	1447.3
30°	1367.8	1365.8	1367.8	1369.8	1369.8	1373.9	1376.0	1378.0	1380.0	1386.2	1398.4
32.5°	1314.8	1314.8	1316.8	1316.8	1318.9	1320.9	1325.0	1327.0	1327.0	1333.2	1347.4
35°	1263.8	1259.8	1259.8	1261.8	1265.9	1267.9	1267.9	1272.0	1272.0	1280.2	1290.3
37.5°	1202.7	1202.7	1206.8	1206.8	1206.8	1210.8	1210.8	1214.9	1217.0	1223.1	1235.3
40°	1145.6	1143.6	1147.7	1147.7	1149.7	1151.7	1155.8	1157.8	1161.9	1166.0	1176.2
42.5°	1086.5	1086.5	1088.5	1090.6	1092.6	1094.7	1098.7	1100.8	1102.8	1106.9	1119.1
45°	1027.4	1027.4	1029.4	1031.5	1033.5	1033.5	1037.6	1041.7	1045.7	1051.8	1055.9
47.5°	968.3	968.3	970.3	970.3	972.3	974.4	976.4	980.5	984.6	990.7	994.8
50°	907.1	907.1	911.2	911.2	915.3	913.2	917.3	919.3	925.5	929.5	935.7
52.5°	852.1	846.0	848.0	850.0	854.1	856.2	858.2	858.2	862.3	868.4	874.5
55°	784.8	786.8	788.9	788.9	793.0	793.0	797.0	797.0	801.1	807.2	813.3
57.5°	727.7	727.7	725.7	729.8	731.8	731.8	733.8	733.8	740.0	744.0	748.1
60°	666.6	662.5	664.5	666.6	668.6	666.6	672.7	672.7	676.8	680.8	689.0
62.5°	603.4	603.4	601.3	603.4	605.4	605.4	609.5	609.5	615.6	615.6	623.8
65°	540.2	538.2	538.2	540.2	544.3	544.3	546.3	548.3	550.4	552.4	560.6
67.5°	475.0	475.0	472.9	477.0	477.0	477.0	481.1	481.1	483.1	485.2	491.3
70°	413.8	411.8	411.8	415.8	413.8	415.8	419.9	419.9	424.0	424.0	428.1
72.5°	352.7	350.6	350.6	348.6	356.7	354.7	356.7	358.8	358.8	360.8	366.9
75°	291.5	291.5	289.5	289.5	291.5	293.5	295.6	297.6	299.7	299.7	305.8
77.5°	230.3	230.3	228.3	234.4	234.4	234.4	236.5	236.5	240.5	240.5	244.6
80°	171.2	169.2	169.2	171.2	175.3	175.3	175.3	177.3	179.4	183.5	185.5
82.5°	112.1	112.1	112.1	114.2	116.2	118.2	118.2	118.2	120.3	124.3	126.4
85°	57.1	57.1	57.1	57.1	61.2	61.2	61.2	63.2	67.3	67.3	69.3
87.5°	10.2	10.2	10.2	10.2	12.2	12.2	12.2	12.2	12.2	16.3	18.3
90°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
92.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
95°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
97.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	8.2	8.2	8.2
100°	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	12.2	14.3
102.5°	12.2	12.2	12.2	12.2	14.3	14.3	14.3	16.3	16.3	20.4	24.5
105°	18.3	18.3	18.3	18.3	18.3	20.4	20.4	22.4	26.5	34.7	48.9
107.5°	24.5	24.5	24.5	26.5	28.5	30.6	32.6	40.8	53.0	75.4	108.0
110°	36.7	38.7	40.8	44.8	53.0	57.1	63.2	85.6	120.3	167.2	205.9



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	75.4	79.5	87.7	99.9	126.4	140.7	159.0	205.9	246.7	281.3	291.5
115°	191.6	210.0	220.2	238.5	277.2	291.5	307.8	330.2	348.6	352.7	342.5
117.5°	375.1	375.1	375.1	387.3	397.5	401.6	403.6	403.6	397.5	391.4	377.1
120°	454.6	454.6	452.5	452.5	450.5	448.5	444.4	438.3	428.1	417.9	401.6
122.5°	489.2	489.2	485.2	481.1	477.0	472.9	468.8	462.7	450.5	440.3	424.0
125°	509.6	509.6	505.5	501.5	497.4	493.3	489.2	481.1	470.9	458.7	442.3
127.5°	532.0	530.0	525.9	519.8	513.7	509.6	505.5	497.4	487.2	475.0	460.7
130°	544.3	544.3	540.2	536.1	532.0	528.0	523.9	511.7	499.4	489.2	477.0
132.5°	556.5	554.5	552.4	548.3	542.2	540.2	536.1	528.0	513.7	501.5	489.2
135°	566.7	564.7	562.6	558.5	554.5	550.4	548.3	540.2	530.0	513.7	503.5
137.5°	574.8	572.8	570.8	568.7	562.6	560.6	556.5	550.4	540.2	530.0	517.8
140°	581.0	576.9	576.9	574.8	568.7	566.7	564.7	556.5	548.3	540.2	532.0
142.5°	585.0	583.0	583.0	581.0	574.8	574.8	570.8	564.7	556.5	550.4	542.2
145°	589.1	587.1	587.1	585.0	581.0	581.0	576.9	570.8	562.6	556.5	550.4
147.5°	593.2	591.2	591.2	589.1	587.1	585.0	583.0	576.9	568.7	562.6	558.5
150°	595.2	595.2	593.2	591.2	589.1	587.1	585.0	578.9	572.8	568.7	562.6
152.5°	597.3	597.3	595.2	595.2	591.2	591.2	587.1	583.0	576.9	572.8	566.7
155°	599.3	599.3	597.3	595.2	593.2	591.2	589.1	583.0	576.9	574.8	568.7
157.5°	597.3	597.3	597.3	595.2	593.2	591.2	587.1	583.0	578.9	576.9	570.8
160°	595.2	597.3	595.2	593.2	591.2	591.2	589.1	583.0	578.9	578.9	572.8
162.5°	593.2	595.2	593.2	593.2	591.2	589.1	587.1	583.0	578.9	576.9	572.8
165°	591.2	591.2	591.2	589.1	587.1	585.0	585.0	578.9	576.9	576.9	570.8
167.5°	587.1	587.1	585.0	583.0	581.0	581.0	578.9	574.8	574.8	574.8	568.7
170°	581.0	581.0	578.9	576.9	576.9	574.8	574.8	570.8	570.8	570.8	566.7
172.5°	572.8	572.8	572.8	570.8	570.8	568.7	568.7	564.7	564.7	566.7	562.6
175°	566.7	564.7	564.7	562.6	562.6	562.6	560.6	558.5	560.6	560.6	558.5
177.5°	552.4	552.4	552.4	552.4	554.5	554.5	554.5	552.4	552.4	554.5	552.4
180°	542.2	542.2	542.2	542.2	542.2	542.2	542.2	542.2	542.2	542.2	542.2



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1712.3	1712.3	1712.3	1712.3	1712.3	1712.3	1712.3	1712.3	1712.3	1712.3	1712.3
2.5°	1706.2	1702.1	1702.1	1708.2	1710.3	1712.3	1714.3	1722.5	1724.5	1726.6	1724.5
5°	1702.1	1698.0	1696.0	1702.1	1704.2	1706.2	1708.2	1714.3	1718.4	1720.5	1716.4
7.5°	1689.9	1685.8	1685.8	1691.9	1691.9	1696.0	1696.0	1704.2	1706.2	1708.2	1706.2
10°	1675.6	1671.5	1669.5	1675.6	1677.7	1679.7	1679.7	1685.8	1689.9	1691.9	1687.8
12.5°	1653.2	1649.1	1647.1	1653.2	1655.2	1657.3	1659.3	1665.4	1667.5	1669.5	1667.5
15°	1628.7	1622.6	1620.6	1628.7	1630.8	1632.8	1632.8	1638.9	1641.0	1643.0	1641.0
17.5°	1598.2	1592.0	1592.0	1596.1	1602.2	1602.2	1602.2	1608.3	1612.4	1614.5	1610.4
20°	1565.5	1559.4	1557.4	1563.5	1565.5	1569.6	1569.6	1573.7	1577.8	1577.8	1577.8
22.5°	1526.8	1520.7	1518.7	1524.8	1526.8	1528.8	1530.9	1535.0	1539.0	1541.1	1537.0
25°	1486.0	1479.9	1477.9	1484.0	1486.0	1488.1	1490.1	1498.3	1498.3	1500.3	1496.2
27.5°	1439.2	1435.1	1431.0	1437.1	1443.2	1445.3	1445.3	1451.4	1453.4	1457.5	1451.4
30°	1392.3	1386.2	1384.1	1388.2	1394.3	1396.3	1396.3	1404.5	1406.5	1408.6	1402.5
32.5°	1343.3	1337.2	1335.2	1339.3	1345.4	1347.4	1347.4	1353.5	1355.6	1357.6	1353.5
35°	1290.3	1286.3	1282.2	1286.3	1290.3	1294.4	1294.4	1300.5	1302.6	1304.6	1300.5
37.5°	1239.4	1233.3	1229.2	1231.2	1235.3	1241.4	1241.4	1249.6	1249.6	1249.6	1245.5
40°	1184.3	1176.2	1174.2	1174.2	1180.3	1184.3	1184.3	1192.5	1192.5	1194.5	1188.4
42.5°	1127.3	1121.2	1119.1	1117.1	1123.2	1125.2	1127.3	1135.4	1133.4	1135.4	1129.3
45°	1068.2	1062.0	1062.0	1062.0	1064.1	1068.2	1070.2	1074.3	1076.3	1076.3	1072.2
47.5°	1005.0	1002.9	1002.9	1002.9	1007.0	1007.0	1009.0	1013.1	1013.1	1015.2	1011.1
50°	943.8	943.8	941.8	943.8	945.8	945.8	949.9	954.0	954.0	954.0	949.9
52.5°	878.6	880.6	880.6	882.7	884.7	884.7	890.8	894.9	894.9	890.8	886.7
55°	815.4	819.5	819.5	823.5	823.5	825.6	825.6	829.7	829.7	827.6	823.5
57.5°	754.2	756.3	756.3	760.3	762.4	762.4	766.5	770.5	770.5	766.5	762.4
60°	691.0	695.1	693.1	697.2	701.2	701.2	701.2	707.3	703.3	703.3	701.2
62.5°	627.8	627.8	629.9	634.0	636.0	636.0	640.1	644.2	644.2	640.1	638.0
65°	564.7	566.7	566.7	570.8	572.8	574.8	574.8	578.9	576.9	578.9	574.8
67.5°	497.4	499.4	499.4	501.5	505.5	505.5	509.6	511.7	513.7	511.7	509.6
70°	432.2	432.2	438.3	438.3	442.3	442.3	448.5	448.5	452.5	448.5	446.4
72.5°	369.0	371.0	377.1	375.1	379.2	379.2	385.3	387.3	389.3	385.3	387.3
75°	307.8	307.8	313.9	313.9	318.0	318.0	324.1	324.1	326.2	324.1	322.1
77.5°	246.7	246.7	250.7	252.8	254.8	256.8	260.9	260.9	265.0	263.0	265.0
80°	187.5	189.6	191.6	195.7	195.7	197.7	197.7	201.8	203.8	201.8	203.8
82.5°	128.4	132.5	134.5	134.5	136.6	140.7	142.7	142.7	144.7	142.7	146.8
85°	71.3	73.4	77.5	81.5	81.5	83.6	85.6	87.7	87.7	85.6	85.6
87.5°	20.4	22.4	28.5	28.5	28.5	32.6	34.7	34.7	36.7	34.7	38.7
90°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
92.5°	2.0	2.0	2.0	4.1	4.1	4.1	6.1	6.1	6.1	4.1	6.1
95°	6.1	6.1	8.2	12.2	14.3	16.3	18.3	18.3	14.3	12.2	12.2
97.5°	10.2	12.2	18.3	26.5	30.6	34.7	36.7	32.6	26.5	22.4	20.4
100°	18.3	26.5	38.7	53.0	57.1	61.2	59.1	53.0	44.8	36.7	32.6
102.5°	36.7	53.0	75.4	93.8	93.8	93.8	87.7	77.5	65.2	53.0	46.9
105°	77.5	106.0	130.5	138.6	134.5	132.5	118.2	104.0	87.7	73.4	65.2
107.5°	154.9	179.4	185.5	181.4	173.3	167.2	148.8	132.5	112.1	95.8	85.6
110°	236.5	238.5	232.4	218.1	207.9	199.8	179.4	161.0	140.7	122.3	106.0



TEST NUMBER: P303076

CATALOG NUMBER: CTW-F-2575-30L840-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	293.5	283.3	269.1	250.7	238.5	230.3	210.0	189.6	167.2	148.8	130.5
115°	332.3	316.0	299.7	277.2	269.1	258.9	238.5	218.1	195.7	173.3	157.0
117.5°	360.8	342.5	326.2	305.8	295.6	285.4	265.0	242.6	220.2	201.8	183.5
120°	385.3	369.0	350.6	330.2	322.1	311.9	291.5	269.1	246.7	226.3	207.9
122.5°	407.7	391.4	373.0	354.7	344.5	336.3	316.0	293.5	271.1	252.8	234.4
125°	428.1	411.8	395.5	375.1	366.9	356.7	336.3	313.9	295.6	275.2	256.8
127.5°	446.4	430.1	413.8	395.5	387.3	377.1	356.7	336.3	318.0	299.7	281.3
130°	464.8	448.5	432.2	413.8	403.6	395.5	377.1	356.7	338.4	320.0	303.7
132.5°	479.0	464.8	446.4	430.1	419.9	411.8	395.5	377.1	360.8	342.5	326.2
135°	493.3	477.0	462.7	444.4	436.2	428.1	411.8	395.5	379.2	362.8	346.5
137.5°	505.5	489.2	475.0	456.6	450.5	444.4	428.1	411.8	397.5	383.2	366.9
140°	517.8	501.5	485.2	468.8	462.7	456.6	442.3	428.1	413.8	399.5	387.3
142.5°	530.0	509.6	493.3	479.0	475.0	468.8	454.6	442.3	430.1	417.9	403.6
145°	538.2	519.8	501.5	491.3	485.2	479.0	466.8	454.6	444.4	432.2	419.9
147.5°	546.3	530.0	513.7	499.4	495.3	489.2	479.0	468.8	458.7	446.4	434.2
150°	550.4	536.1	521.8	511.7	505.5	499.4	489.2	479.0	470.9	460.7	448.5
152.5°	556.5	542.2	532.0	519.8	517.8	509.6	499.4	493.3	483.1	472.9	462.7
155°	558.5	546.3	538.2	530.0	528.0	519.8	509.6	501.5	493.3	485.2	475.0
157.5°	560.6	550.4	540.2	536.1	532.0	530.0	519.8	511.7	503.5	497.4	487.2
160°	562.6	552.4	544.3	540.2	538.2	534.1	528.0	523.9	511.7	505.5	495.3
162.5°	562.6	554.5	548.3	544.3	542.2	540.2	534.1	530.0	523.9	515.7	505.5
165°	562.6	556.5	550.4	548.3	546.3	544.3	538.2	536.1	530.0	523.9	515.7
167.5°	562.6	556.5	552.4	550.4	548.3	546.3	542.2	540.2	536.1	532.0	525.9
170°	560.6	556.5	552.4	550.4	550.4	548.3	544.3	544.3	540.2	538.2	532.0
172.5°	556.5	554.5	550.4	550.4	550.4	548.3	544.3	544.3	542.2	540.2	536.1
175°	552.4	550.4	548.3	548.3	548.3	546.3	544.3	546.3	544.3	544.3	540.2
177.5°	546.3	544.3	544.3	544.3	544.3	544.3	544.3	544.3	544.3	546.3	542.2
180°	542.2	542.2	542.2	542.2	542.2	542.2	542.2	542.2	542.2	542.2	542.2



TEST NUMBER: P303076

CATALOG NUMBER: CTW-F-2575-30L840-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1712.3	1712.3	1712.3	1712.3	1712.3	1712.3	1712.3	1712.3	1712.3	1712.3	1712.3
2.5°	1712.3	1704.2	1704.2	1704.2	1708.2	1710.3	1710.3	1704.2	1712.3	1718.4	1712.3
5°	1704.2	1696.0	1696.0	1698.0	1700.1	1702.1	1702.1	1696.0	1704.2	1710.3	1702.1
7.5°	1694.0	1683.8	1683.8	1685.8	1687.8	1689.9	1689.9	1683.8	1691.9	1696.0	1687.8
10°	1675.6	1667.5	1665.4	1667.5	1671.5	1673.6	1671.5	1665.4	1673.6	1677.7	1671.5
12.5°	1653.2	1645.0	1645.0	1645.0	1649.1	1649.1	1649.1	1641.0	1651.2	1653.2	1645.0
15°	1626.7	1618.5	1618.5	1618.5	1620.6	1622.6	1620.6	1614.5	1624.7	1624.7	1616.5
17.5°	1596.1	1590.0	1585.9	1590.0	1590.0	1592.0	1588.0	1581.8	1592.0	1592.0	1585.9
20°	1563.5	1555.3	1553.3	1553.3	1555.3	1557.4	1551.3	1547.2	1555.3	1555.3	1547.2
22.5°	1522.7	1516.6	1514.6	1514.6	1516.6	1516.6	1510.5	1506.4	1514.6	1512.5	1504.4
25°	1482.0	1475.8	1473.8	1475.8	1475.8	1475.8	1467.7	1465.7	1469.7	1467.7	1459.5
27.5°	1437.1	1431.0	1429.0	1431.0	1431.0	1431.0	1422.8	1420.8	1426.9	1420.8	1412.7
30°	1388.2	1382.1	1380.0	1382.1	1384.1	1380.0	1371.9	1373.9	1378.0	1369.8	1363.7
32.5°	1343.3	1333.2	1331.1	1333.2	1335.2	1333.2	1325.0	1323.0	1327.0	1318.9	1310.7
35°	1288.3	1280.2	1282.2	1284.2	1282.2	1280.2	1270.0	1272.0	1267.9	1263.8	1255.7
37.5°	1235.3	1227.2	1227.2	1229.2	1229.2	1225.1	1217.0	1217.0	1210.8	1208.8	1200.7
40°	1180.3	1172.1	1172.1	1174.2	1174.2	1168.0	1161.9	1164.0	1159.9	1151.7	1143.6
42.5°	1119.1	1115.0	1117.1	1117.1	1119.1	1111.0	1106.9	1106.9	1100.8	1092.6	1086.5
45°	1062.0	1055.9	1060.0	1062.0	1062.0	1053.9	1051.8	1045.7	1043.7	1037.6	1029.4
47.5°	1000.9	998.8	1002.9	1002.9	1002.9	994.8	992.7	986.6	982.5	978.5	970.3
50°	941.8	939.7	943.8	943.8	943.8	933.6	935.7	925.5	927.5	917.3	911.2
52.5°	882.7	882.7	882.7	882.7	880.6	874.5	872.5	866.3	864.3	856.2	852.1
55°	819.5	819.5	823.5	821.5	819.5	815.4	811.3	803.2	803.2	795.0	788.9
57.5°	762.4	762.4	762.4	758.3	758.3	754.2	748.1	744.0	742.0	733.8	729.8
60°	699.2	701.2	697.2	695.1	695.1	691.0	687.0	684.9	678.8	670.7	668.6
62.5°	638.0	640.1	638.0	634.0	631.9	627.8	625.8	621.7	615.6	607.5	607.5
65°	572.8	574.8	574.8	568.7	568.7	566.7	564.7	558.5	552.4	546.3	544.3
67.5°	509.6	511.7	503.5	501.5	501.5	501.5	493.3	493.3	487.2	481.1	483.1
70°	448.5	446.4	444.4	438.3	440.3	436.2	432.2	430.1	424.0	419.9	419.9
72.5°	387.3	383.2	381.2	379.2	377.1	375.1	371.0	369.0	364.9	358.8	358.8
75°	326.2	322.1	320.0	318.0	316.0	313.9	307.8	307.8	303.7	299.7	299.7
77.5°	263.0	258.9	258.9	256.8	254.8	250.7	246.7	248.7	244.6	240.5	240.5
80°	201.8	199.8	199.8	197.7	193.7	191.6	191.6	189.6	185.5	179.4	179.4
82.5°	142.7	142.7	140.7	138.6	136.6	134.5	132.5	130.5	126.4	120.3	120.3
85°	87.7	85.6	85.6	83.6	81.5	77.5	73.4	71.3	67.3	63.2	63.2
87.5°	36.7	32.6	30.6	28.5	26.5	24.5	24.5	20.4	18.3	18.3	14.3
90°	2.0	2.0	2.0	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
92.5°	8.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
95°	12.2	14.3	18.3	18.3	20.4	20.4	20.4	20.4	20.4	20.4	20.4
97.5°	18.3	20.4	22.4	24.5	24.5	28.5	28.5	30.6	30.6	30.6	30.6
100°	28.5	28.5	30.6	32.6	30.6	32.6	34.7	36.7	38.7	38.7	40.8
102.5°	42.8	38.7	36.7	38.7	40.8	42.8	40.8	42.8	42.8	44.8	46.9
105°	57.1	53.0	48.9	48.9	48.9	51.0	53.0	53.0	51.0	51.0	53.0
107.5°	75.4	67.3	61.2	61.2	59.1	59.1	61.2	65.2	65.2	63.2	63.2
110°	95.8	85.6	77.5	75.4	73.4	71.3	71.3	73.4	75.4	77.5	79.5



TEST NUMBER: P303076

CATALOG NUMBER: CTW-F-2575-30L840-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	118.2	106.0	95.8	91.7	89.7	83.6	81.5	81.5	83.6	87.7	89.7
115°	142.7	130.5	116.2	112.1	108.0	97.8	95.8	93.8	91.7	93.8	95.8
117.5°	167.2	152.9	138.6	132.5	126.4	116.2	110.1	106.0	104.0	104.0	104.0
120°	191.6	177.3	161.0	154.9	148.8	138.6	128.4	120.3	116.2	114.2	114.2
122.5°	216.1	201.8	187.5	179.4	173.3	159.0	150.8	138.6	132.5	126.4	124.3
125°	240.5	226.3	212.0	203.8	197.7	183.5	171.2	161.0	150.8	142.7	138.6
127.5°	263.0	248.7	236.5	228.3	222.2	205.9	195.7	185.5	173.3	163.1	157.0
130°	287.4	271.1	258.9	252.8	246.7	230.3	218.1	205.9	197.7	187.5	177.3
132.5°	309.8	295.6	281.3	275.2	269.1	254.8	244.6	230.3	220.2	212.0	201.8
135°	330.2	316.0	303.7	297.6	291.5	277.2	267.0	254.8	244.6	234.4	226.3
137.5°	350.6	336.3	324.1	320.0	313.9	299.7	289.5	279.3	267.0	258.9	248.7
140°	369.0	356.7	344.5	340.4	334.3	322.1	311.9	301.7	291.5	281.3	273.2
142.5°	387.3	375.1	362.8	358.8	352.7	342.5	332.3	324.1	313.9	305.8	297.6
145°	403.6	391.4	381.2	377.1	371.0	362.8	350.6	344.5	338.4	328.2	320.0
147.5°	419.9	407.7	397.5	393.4	391.4	381.2	371.0	364.9	358.8	350.6	342.5
150°	434.2	424.0	413.8	411.8	407.7	399.5	389.3	383.2	379.2	371.0	364.9
152.5°	450.5	438.3	430.1	428.1	424.0	415.8	407.7	401.6	397.5	389.3	383.2
155°	462.7	452.5	444.4	442.3	438.3	432.2	424.0	417.9	415.8	407.7	401.6
157.5°	475.0	464.8	458.7	454.6	452.5	448.5	440.3	434.2	432.2	426.0	419.9
160°	485.2	477.0	470.9	468.8	466.8	460.7	454.6	448.5	448.5	444.4	438.3
162.5°	495.3	487.2	483.1	481.1	479.0	475.0	468.8	464.8	464.8	458.7	454.6
165°	505.5	497.4	493.3	491.3	491.3	487.2	483.1	477.0	477.0	475.0	470.9
167.5°	515.7	505.5	503.5	501.5	501.5	499.4	495.3	491.3	489.2	489.2	483.1
170°	523.9	515.7	511.7	509.6	509.6	507.6	503.5	501.5	501.5	501.5	497.4
172.5°	530.0	523.9	521.8	521.8	521.8	519.8	517.8	511.7	511.7	515.7	507.6
175°	534.1	530.0	530.0	530.0	530.0	528.0	525.9	523.9	525.9	528.0	523.9
177.5°	538.2	534.1	534.1	534.1	536.1	536.1	534.1	532.0	534.1	536.1	534.1
180°	542.2	542.2	542.2	542.2	542.2	542.2	542.2	542.2	542.2	542.2	542.2



TEST NUMBER: P303076

CATALOG NUMBER: CTW-F-2575-30L840-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	1712.3	1712.3	1712.3	1712.3	1712.3	1712.3	1712.3	1712.3
2.5°	1712.3	1710.3	1708.2	1708.2	1710.3	1702.1	1694.0	1694.0
5°	1702.1	1700.1	1698.0	1698.0	1700.1	1694.0	1687.8	1687.8
7.5°	1687.8	1685.8	1683.8	1685.8	1689.9	1683.8	1677.7	1677.7
10°	1669.5	1665.4	1663.4	1663.4	1667.5	1661.3	1657.3	1657.3
12.5°	1643.0	1641.0	1636.9	1638.9	1641.0	1636.9	1630.8	1634.8
15°	1614.5	1612.4	1610.4	1612.4	1614.5	1608.3	1602.2	1602.2
17.5°	1583.9	1581.8	1577.8	1581.8	1581.8	1573.7	1567.6	1567.6
20°	1545.2	1541.1	1539.0	1541.1	1541.1	1532.9	1528.8	1528.8
22.5°	1500.3	1496.2	1494.2	1496.2	1494.2	1488.1	1484.0	1486.0
25°	1453.4	1449.3	1449.3	1449.3	1449.3	1441.2	1437.1	1437.1
27.5°	1406.5	1402.5	1400.4	1402.5	1400.4	1392.3	1386.2	1386.2
30°	1357.6	1349.5	1349.5	1351.5	1349.5	1341.3	1335.2	1335.2
32.5°	1304.6	1298.5	1300.5	1300.5	1296.5	1288.3	1284.2	1284.2
35°	1249.6	1245.5	1247.5	1245.5	1241.4	1235.3	1231.2	1231.2
37.5°	1192.5	1190.5	1190.5	1192.5	1184.3	1178.2	1176.2	1176.2
40°	1135.4	1133.4	1133.4	1135.4	1127.3	1121.2	1121.2	1117.1
42.5°	1078.3	1076.3	1078.3	1076.3	1070.2	1064.1	1062.0	1058.0
45°	1021.3	1021.3	1019.2	1019.2	1011.1	1007.0	1007.0	1002.9
47.5°	962.2	962.2	960.1	956.0	952.0	949.9	945.8	945.8
50°	905.1	903.0	901.0	901.0	894.9	890.8	890.8	886.7
52.5°	843.9	843.9	843.9	839.8	833.7	829.7	831.7	827.6
55°	784.8	782.8	782.8	780.7	776.7	770.5	772.6	768.5
57.5°	727.7	723.7	719.6	719.6	715.5	709.4	709.4	709.4
60°	662.5	662.5	660.5	658.4	656.4	650.3	652.3	648.2
62.5°	605.4	599.3	599.3	597.3	595.2	589.1	593.2	589.1
65°	542.2	538.2	536.1	534.1	530.0	525.9	528.0	523.9
67.5°	475.0	472.9	472.9	470.9	468.8	464.8	468.8	464.8
70°	415.8	411.8	411.8	409.7	407.7	405.7	407.7	403.6
72.5°	354.7	354.7	352.7	350.6	348.6	348.6	348.6	350.6
75°	295.6	291.5	291.5	291.5	289.5	289.5	289.5	291.5
77.5°	238.5	234.4	232.4	230.3	230.3	230.3	230.3	232.4
80°	175.3	175.3	173.3	171.2	171.2	171.2	171.2	173.3
82.5°	116.2	116.2	114.2	112.1	112.1	112.1	110.1	112.1
85°	63.2	61.2	59.1	59.1	59.1	59.1	59.1	59.1
87.5°	16.3	14.3	14.3	14.3	16.3	16.3	14.3	16.3
90°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
92.5°	10.2	10.2	10.2	10.2	10.2	8.2	8.2	8.2
95°	20.4	20.4	20.4	18.3	18.3	18.3	18.3	18.3
97.5°	30.6	30.6	30.6	30.6	30.6	28.5	28.5	28.5
100°	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
102.5°	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
105°	53.0	55.0	55.0	55.0	57.1	57.1	57.1	57.1
107.5°	63.2	63.2	63.2	63.2	63.2	63.2	65.2	63.2
110°	77.5	75.4	75.4	73.4	73.4	73.4	73.4	73.4



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CATALOG NUMBER: CTW-F-2575-30L840-UNV-STD-8

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	89.7	91.7	91.7	91.7	91.7	89.7	87.7	87.7
115°	99.9	101.9	101.9	101.9	101.9	104.0	104.0	104.0
117.5°	106.0	108.0	110.1	110.1	112.1	112.1	112.1	112.1
120°	114.2	116.2	116.2	116.2	118.2	118.2	118.2	118.2
122.5°	124.3	124.3	124.3	124.3	124.3	124.3	124.3	124.3
125°	136.6	134.5	134.5	132.5	132.5	132.5	130.5	130.5
127.5°	150.8	148.8	146.8	144.7	142.7	142.7	140.7	140.7
130°	171.2	167.2	163.1	163.1	159.0	154.9	154.9	152.9
132.5°	193.7	187.5	185.5	183.5	177.3	173.3	173.3	171.2
135°	218.1	212.0	210.0	207.9	199.8	195.7	195.7	193.7
137.5°	242.6	236.5	234.4	232.4	226.3	222.2	220.2	218.1
140°	265.0	258.9	256.8	254.8	250.7	246.7	244.6	242.6
142.5°	287.4	283.3	281.3	279.3	273.2	269.1	267.0	267.0
145°	311.9	305.8	305.8	301.7	297.6	293.5	291.5	289.5
147.5°	336.3	330.2	328.2	326.2	322.1	316.0	313.9	313.9
150°	356.7	352.7	350.6	348.6	344.5	340.4	338.4	336.3
152.5°	377.1	373.0	373.0	371.0	366.9	362.8	360.8	360.8
155°	397.5	391.4	391.4	391.4	387.3	385.3	383.2	383.2
157.5°	415.8	411.8	409.7	409.7	407.7	405.7	401.6	403.6
160°	434.2	432.2	428.1	428.1	428.1	424.0	422.0	424.0
162.5°	452.5	450.5	448.5	448.5	446.4	444.4	442.3	442.3
165°	466.8	464.8	462.7	462.7	464.8	462.7	460.7	458.7
167.5°	481.1	479.0	477.0	477.0	479.0	477.0	475.0	475.0
170°	495.3	493.3	491.3	491.3	491.3	491.3	489.2	489.2
172.5°	507.6	505.5	505.5	503.5	505.5	503.5	501.5	501.5
175°	523.9	521.8	521.8	519.8	521.8	515.7	509.6	511.7
177.5°	534.1	534.1	532.0	532.0	532.0	528.0	523.9	523.9
180°	542.2	542.2	542.2	542.2	542.2	542.2	542.2	542.2

(END OF REPORT)