

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: P303087

Luminaire Tested: **CTW-F-2575-40L840-UNV-STD-6**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P303087
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-181-5)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: CTW-F-2575-40L840-UNV-STD-6
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE
25% UPLIGHT, 75% DOWNLIGHT, 4000 LUMEN PACKAGE
Light Source: 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

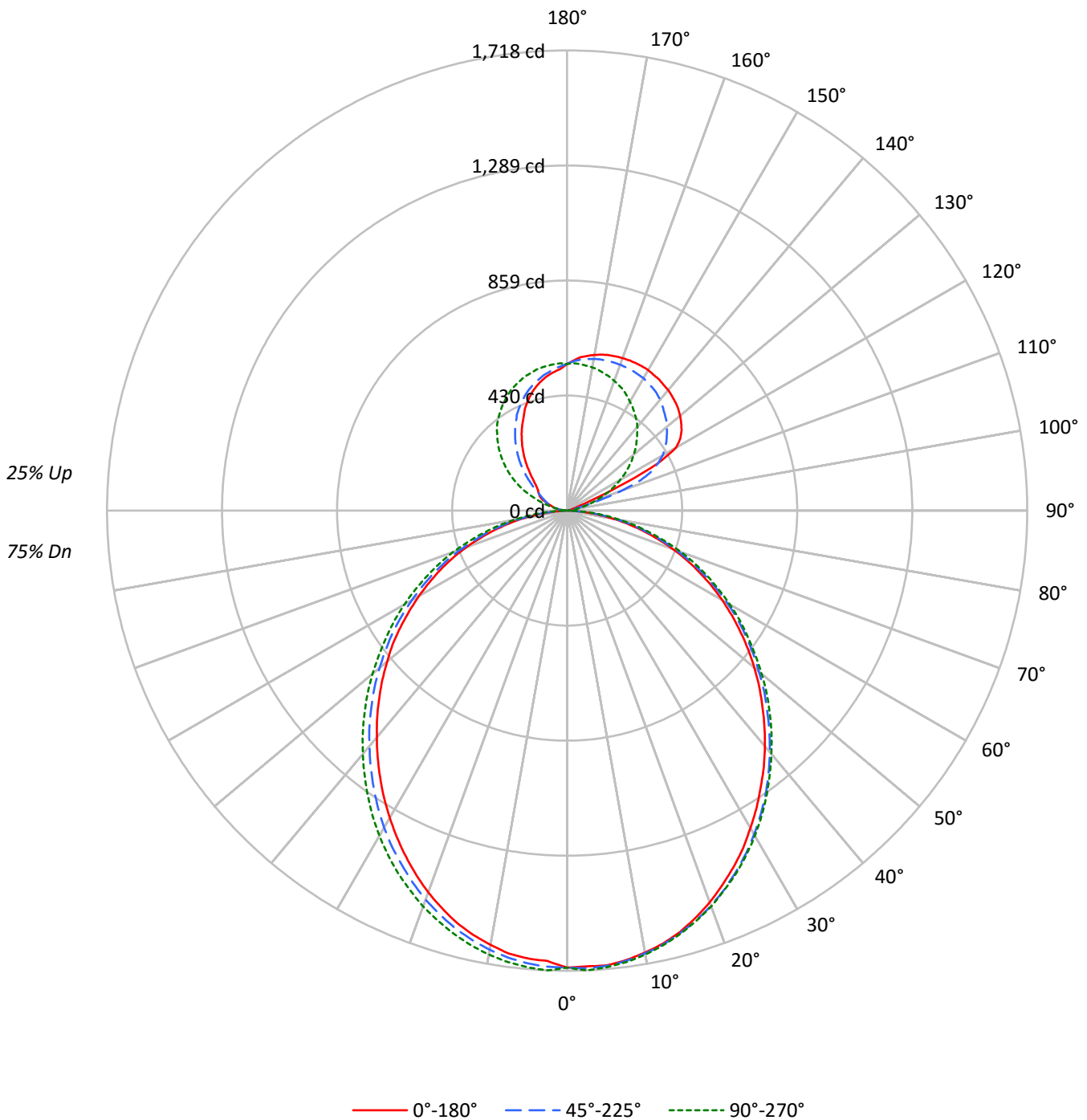
Lumens per Lamp: N/A
Luminaire Lumens: 6104.7 lumens
Efficiency: N/A
Efficacy: 119.0 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.22 / 1.32
Luminous Opening: Rectangular (W 6' x L: 0.12' x H: 0')
CIE Type: Semi-Direct

Input Watts (W): 51.3
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: 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	107	107	107	107	97	97	97		88	88	88		79	79	79	75
1	103	99	94	91	98	94	90	87	85	82	80		77	75	73		69	68	66	63
2	94	86	79	74	89	82	76	71	74	70	66		67	64	61		61	58	56	52
3	86	76	68	62	81	72	65	59	66	60	55		59	55	51		54	50	47	44
4	78	67	58	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	40	36		43	38	33		39	35	31	29
7	61	49	40	34	58	47	39	33	43	36	31		39	34	29		36	31	28	25
8	57	44	36	30	54	42	35	30	39	33	28		36	30	26		33	28	25	23
9	53	40	33	27	51	39	32	27	36	30	25		33	28	24		30	26	22	20
10	50	37	30	25	47	36	29	24	33	27	23		31	25	22		28	24	20	18

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	24487	24487	24487
5°	24559	24647	24185
10°	24419	24531	23996
15°	24192	24306	23671
20°	23771	24027	23163
25°	23266	23654	22564
30°	22676	23234	21942
35°	22072	22742	21322
40°	21512	22227	20710
45°	20914	21721	20138
50°	20378	21164	19595
55°	19777	20618	19012
60°	19177	20141	18345
65°	18484	19574	17703
70°	17641	18988	16810
75°	16364	17889	15515
80°	14406	16679	13645
85°	9814	14343	8316



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	161.1	2.6
10°-20°	456.2	7.5
20°-30°	675.7	11.1
30°-40°	792.8	13.0
40°-50°	803.5	13.2
50°-60°	716.2	11.7
60°-70°	548.5	9.0
70°-80°	321.8	5.3
80°-90°	84.5	1.4
90°-100°	15.8	0.3
100°-110°	68.2	1.1
110°-120°	189.8	3.1
120°-130°	271.0	4.4
130°-140°	291.4	4.8
140°-150°	277.5	4.5
150°-160°	228.6	3.7
160°-170°	150.0	2.5
170°-180°	52.0	0.9
0°-30°	1293.0	21.2
0°-40°	2085.8	34.2
0°-60°	3605.4	59.1
0°-90°	4560.2	74.7
90°-120°	273.8	4.5
90°-150°	1113.8	18.2
90°-180°	1544.0	25.3
0°-180°	6104.7	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	1706	1706	1706	1706	1706	
5°	1705	1706	1711	1697	1679	162
15°	1628	1633	1636	1614	1593	459
25°	1469	1489	1494	1460	1425	676
35°	1260	1292	1298	1260	1217	789
45°	1030	1056	1070	1034	992	796
55°	790	813	824	795	760	707
65°	544	563	576	546	521	539
75°	295	310	323	298	280	312
85°	60	73	87	63	50	73
90°	2	2	2	3	5	3
95°	5	5	12	20	17	5
105°	18	49	73	54	58	21
115°	212	349	177	95	106	228
125°	521	452	278	153	133	463
135°	572	514	367	245	194	442
145°	598	558	440	339	292	375
155°	607	576	497	424	385	281
165°	601	579	530	488	471	170
175°	575	566	549	532	521	55
180°	547	547	547	547	547	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1706.2	1706.2	1706.2	1706.2	1706.2	1706.2	1706.2	1706.2	1706.2	1706.2	1706.2
2.5°	1703.1	1701.6	1703.1	1701.6	1706.2	1706.2	1706.2	1704.7	1707.7	1713.8	1710.8
5°	1704.7	1703.1	1701.6	1697.0	1700.1	1700.1	1700.1	1698.5	1701.6	1709.3	1706.2
7.5°	1692.4	1692.4	1690.9	1687.8	1690.9	1690.9	1689.4	1687.8	1690.9	1697.0	1695.5
10°	1675.6	1674.1	1672.6	1669.5	1674.1	1674.1	1674.1	1672.6	1675.6	1683.3	1678.7
12.5°	1655.7	1652.7	1651.2	1648.1	1652.7	1652.7	1652.7	1651.2	1654.2	1661.9	1658.8
15°	1628.2	1626.7	1626.7	1625.2	1629.8	1629.8	1629.8	1626.7	1629.8	1635.9	1632.8
17.5°	1594.6	1593.1	1596.1	1594.6	1597.6	1597.6	1597.6	1594.6	1596.1	1605.3	1603.8
20°	1556.4	1554.8	1554.8	1553.3	1557.9	1557.9	1559.4	1556.4	1561.0	1570.1	1570.1
22.5°	1513.6	1513.6	1515.1	1513.6	1516.6	1518.1	1516.6	1515.1	1519.7	1528.8	1531.9
25°	1469.2	1467.7	1467.7	1470.8	1472.3	1473.8	1473.8	1472.3	1475.3	1484.5	1489.1
27.5°	1421.8	1418.8	1421.8	1421.8	1424.9	1426.4	1427.9	1427.9	1431.0	1437.1	1444.8
30°	1368.3	1368.3	1369.8	1371.4	1371.4	1376.0	1377.5	1377.5	1380.5	1388.2	1395.8
32.5°	1316.3	1314.8	1317.9	1319.4	1320.9	1324.0	1324.0	1325.5	1327.0	1334.7	1345.4
35°	1259.8	1261.3	1261.3	1264.4	1267.4	1268.9	1270.5	1268.9	1273.5	1278.1	1291.9
37.5°	1206.3	1204.7	1204.7	1206.3	1210.8	1212.4	1213.9	1213.9	1217.0	1223.1	1235.3
40°	1148.2	1146.6	1149.7	1151.2	1152.8	1155.8	1155.8	1158.9	1163.5	1168.0	1177.2
42.5°	1090.1	1088.5	1091.6	1093.1	1096.2	1097.7	1097.7	1100.8	1105.4	1111.5	1117.6
45°	1030.4	1028.9	1032.0	1033.5	1036.6	1038.1	1038.1	1042.7	1047.3	1050.3	1056.4
47.5°	972.3	970.8	972.3	975.4	978.5	980.0	980.0	983.0	986.1	992.2	996.8
50°	912.7	909.7	912.7	914.3	917.3	915.8	918.8	921.9	928.0	934.1	934.1
52.5°	851.6	848.5	851.6	853.1	856.2	857.7	857.7	859.2	866.9	871.4	874.5
55°	790.4	788.9	790.4	791.9	795.0	798.1	796.5	801.1	804.2	810.3	813.3
57.5°	729.3	727.7	729.3	730.8	733.8	735.4	735.4	740.0	741.5	746.1	753.7
60°	668.1	665.0	668.1	669.6	672.7	672.7	674.2	675.8	680.3	686.5	689.5
62.5°	607.0	607.0	607.0	607.0	610.0	610.0	614.6	616.1	616.1	622.2	626.8
65°	544.3	544.3	544.3	544.3	547.3	550.4	548.9	553.4	555.0	559.6	562.6
67.5°	483.1	481.6	483.1	483.1	486.2	487.7	487.7	490.8	492.3	493.8	501.5
70°	420.4	422.0	420.4	420.4	420.4	423.5	426.5	428.1	429.6	431.1	435.7
72.5°	356.2	354.7	356.2	356.2	356.2	359.3	360.8	363.9	363.9	366.9	370.0
75°	295.1	295.1	296.6	295.1	295.1	299.7	299.7	302.7	302.7	305.8	310.4
77.5°	233.9	237.0	235.4	235.4	235.4	238.5	238.5	241.6	243.1	244.6	249.2
80°	174.3	177.3	175.8	175.8	175.8	177.3	178.9	181.9	181.9	185.0	188.0
82.5°	116.2	116.2	117.7	117.7	117.7	119.3	122.3	123.8	123.8	126.9	130.0
85°	59.6	64.2	62.7	62.7	62.7	64.2	65.7	67.3	68.8	70.3	73.4
87.5°	12.2	13.8	13.8	12.2	15.3	13.8	15.3	16.8	16.8	18.3	21.4
90°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
92.5°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
95°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
97.5°	6.1	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	9.2
100°	9.2	9.2	9.2	9.2	9.2	10.7	10.7	10.7	10.7	12.2	13.8
102.5°	12.2	12.2	13.8	13.8	13.8	13.8	13.8	15.3	16.8	18.3	24.5
105°	18.3	16.8	18.3	18.3	18.3	19.9	19.9	22.9	26.0	33.6	48.9
107.5°	24.5	24.5	24.5	26.0	27.5	30.6	32.1	38.2	52.0	73.4	113.1
110°	38.2	36.7	39.8	42.8	52.0	56.6	64.2	87.1	123.8	168.2	215.6



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	81.0	79.5	90.2	100.9	120.8	139.1	163.6	209.5	256.8	285.9	298.1
115°	212.5	207.9	221.7	249.2	284.4	302.7	319.5	342.5	356.2	356.2	348.6
117.5°	383.7	377.6	392.9	400.6	408.2	414.3	414.3	414.3	408.2	397.5	382.2
120°	469.4	464.8	466.3	463.2	460.2	457.1	454.1	448.0	437.3	425.0	411.3
122.5°	501.5	499.9	496.9	492.3	487.7	483.1	480.1	472.4	461.7	448.0	434.2
125°	521.3	519.8	516.8	512.2	506.0	503.0	499.9	490.8	480.1	467.8	452.5
127.5°	536.6	536.6	532.0	529.0	522.9	519.8	515.2	507.6	496.9	483.1	469.4
130°	550.4	550.4	545.8	544.3	536.6	535.1	530.5	521.3	510.6	498.4	486.2
132.5°	562.6	561.1	559.6	556.5	550.4	547.3	544.3	536.6	524.4	512.2	501.5
135°	571.8	570.3	568.7	565.7	559.6	558.0	555.0	547.3	535.1	524.4	513.7
137.5°	579.4	579.4	576.4	574.8	568.7	567.2	564.1	556.5	545.8	536.6	527.5
140°	587.1	587.1	584.0	582.5	576.4	574.8	573.3	565.7	555.0	547.3	539.7
142.5°	591.7	593.2	590.1	588.6	582.5	581.0	579.4	571.8	564.1	556.5	550.4
145°	597.8	597.8	594.7	593.2	590.1	588.6	585.5	579.4	571.8	564.1	558.0
147.5°	600.8	602.4	599.3	597.8	594.7	593.2	590.1	584.0	576.4	570.3	564.1
150°	605.4	605.4	602.4	600.8	597.8	596.3	594.7	588.6	581.0	576.4	570.3
152.5°	607.0	607.0	603.9	602.4	599.3	597.8	596.3	590.1	584.0	579.4	573.3
155°	607.0	607.0	605.4	602.4	600.8	599.3	596.3	591.7	585.5	582.5	576.4
157.5°	607.0	605.4	605.4	602.4	600.8	597.8	596.3	590.1	587.1	584.0	577.9
160°	605.4	605.4	603.9	600.8	600.8	597.8	596.3	591.7	587.1	585.5	579.4
162.5°	603.9	602.4	602.4	599.3	599.3	597.8	594.7	591.7	587.1	585.5	579.4
165°	600.8	599.3	599.3	596.3	596.3	594.7	593.2	587.1	585.5	584.0	579.4
167.5°	596.3	594.7	593.2	590.1	590.1	588.6	587.1	582.5	581.0	581.0	577.9
170°	590.1	587.1	585.5	584.0	584.0	582.5	581.0	577.9	577.9	577.9	574.8
172.5°	582.5	579.4	579.4	577.9	576.4	576.4	574.8	571.8	571.8	571.8	570.3
175°	574.8	571.8	570.3	568.7	570.3	568.7	567.2	565.7	565.7	567.2	565.7
177.5°	561.1	558.0	559.6	559.6	559.6	559.6	558.0	558.0	558.0	558.0	558.0
180°	547.3	547.3	547.3	547.3	547.3	547.3	547.3	547.3	547.3	547.3	547.3



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1706.2	1706.2	1706.2	1706.2	1706.2	1706.2	1706.2	1706.2	1706.2	1706.2	1706.2
2.5°	1700.1	1695.5	1695.5	1701.6	1703.1	1706.2	1709.3	1715.4	1718.4	1718.4	1716.9
5°	1695.5	1690.9	1689.4	1695.5	1697.0	1700.1	1703.1	1709.3	1710.8	1710.8	1709.3
7.5°	1684.8	1680.2	1678.7	1684.8	1686.3	1689.4	1690.9	1697.0	1700.1	1700.1	1697.0
10°	1668.0	1663.4	1663.4	1669.5	1671.0	1672.6	1675.6	1680.2	1683.3	1683.3	1681.7
12.5°	1648.1	1643.5	1642.0	1648.1	1649.6	1651.2	1654.2	1660.3	1661.9	1661.9	1658.8
15°	1623.6	1617.5	1617.5	1623.6	1625.2	1626.7	1629.8	1634.3	1635.9	1635.9	1632.8
17.5°	1593.1	1590.0	1586.9	1593.1	1594.6	1596.1	1597.6	1603.8	1606.8	1605.3	1602.2
20°	1559.4	1554.8	1551.8	1559.4	1561.0	1562.5	1564.0	1570.1	1573.2	1573.2	1568.6
22.5°	1522.7	1518.1	1515.1	1521.2	1524.3	1524.3	1527.3	1531.9	1535.0	1533.4	1530.4
25°	1481.5	1475.3	1475.3	1479.9	1483.0	1483.0	1486.0	1490.6	1493.7	1493.7	1489.1
27.5°	1437.1	1432.5	1429.5	1432.5	1437.1	1438.6	1441.7	1446.3	1449.3	1449.3	1444.8
30°	1391.3	1386.7	1380.5	1385.1	1389.7	1391.3	1394.3	1400.4	1402.0	1402.0	1394.3
32.5°	1342.3	1334.7	1333.2	1336.2	1339.3	1342.3	1345.4	1350.0	1350.0	1351.5	1346.9
35°	1287.3	1284.2	1281.2	1284.2	1287.3	1288.8	1293.4	1298.0	1298.0	1298.0	1293.4
37.5°	1233.8	1233.8	1227.7	1229.2	1232.3	1233.8	1239.9	1243.0	1244.5	1243.0	1241.4
40°	1181.8	1177.2	1174.2	1174.2	1175.7	1180.3	1183.3	1186.4	1187.9	1186.4	1183.3
42.5°	1125.2	1122.2	1117.6	1117.6	1119.1	1123.7	1129.8	1131.3	1129.8	1129.8	1123.7
45°	1064.1	1064.1	1061.0	1061.0	1061.0	1065.6	1071.7	1073.3	1071.7	1070.2	1067.1
47.5°	1002.9	1004.5	1004.5	1002.9	1002.9	1002.9	1009.0	1010.6	1012.1	1010.6	1007.5
50°	941.8	943.3	943.3	943.3	941.8	946.4	947.9	950.9	949.4	947.9	946.4
52.5°	877.6	882.1	882.1	883.7	883.7	883.7	889.8	891.3	886.7	885.2	883.7
55°	814.9	821.0	821.0	822.5	822.5	822.5	827.1	830.2	825.6	824.0	822.5
57.5°	753.7	758.3	758.3	761.4	764.4	761.4	764.4	767.5	762.9	764.4	761.4
60°	691.0	694.1	695.6	698.7	700.2	700.2	703.3	706.3	700.2	701.7	700.2
62.5°	631.4	631.4	632.9	636.0	637.5	636.0	639.1	643.6	637.5	639.1	637.5
65°	564.1	568.7	568.7	571.8	573.3	573.3	576.4	579.4	574.8	576.4	571.8
67.5°	501.5	504.5	506.0	510.6	513.7	512.2	513.7	516.8	513.7	515.2	510.6
70°	438.8	441.8	441.8	443.4	448.0	449.5	451.0	452.5	451.0	452.5	449.5
72.5°	373.0	374.6	376.1	377.6	382.2	382.2	383.7	385.3	389.9	386.8	386.8
75°	310.4	313.4	313.4	318.0	321.1	321.1	322.6	324.1	327.2	322.6	322.6
77.5°	249.2	252.3	252.3	256.8	258.4	258.4	261.4	263.0	264.5	263.0	263.0
80°	189.6	191.1	192.6	194.2	197.2	198.8	200.3	201.8	203.3	201.8	203.3
82.5°	133.0	133.0	134.5	136.1	139.1	140.7	142.2	143.7	145.2	143.7	145.2
85°	74.9	78.0	78.0	82.6	84.1	84.1	85.6	87.1	88.7	87.1	88.7
87.5°	22.9	26.0	27.5	29.0	32.1	32.1	35.2	36.7	36.7	35.2	36.7
90°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
92.5°	3.1	3.1	3.1	4.6	4.6	4.6	6.1	6.1	6.1	4.6	6.1
95°	6.1	6.1	7.6	10.7	13.8	15.3	18.3	18.3	15.3	12.2	12.2
97.5°	10.7	12.2	18.3	26.0	29.0	33.6	36.7	33.6	27.5	22.9	21.4
100°	18.3	24.5	38.2	53.5	58.1	62.7	61.2	53.5	44.3	36.7	32.1
102.5°	33.6	52.0	78.0	93.3	96.3	96.3	88.7	76.4	64.2	53.5	47.4
105°	74.9	107.0	136.1	139.1	137.6	133.0	119.3	104.0	88.7	73.4	65.7
107.5°	154.4	181.9	191.1	181.9	177.3	168.2	151.4	133.0	113.1	97.8	85.6
110°	240.0	243.1	233.9	218.6	209.5	201.8	180.4	162.1	140.7	122.3	108.5



TEST NUMBER: P303087

CATALOG NUMBER: CTW-F-2575-40L840-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	298.1	287.4	270.6	252.3	243.1	232.4	212.5	191.1	168.2	148.3	133.0
115°	336.3	319.5	301.2	281.3	272.1	263.0	241.6	218.6	195.7	177.3	159.0
117.5°	365.4	347.0	328.7	308.8	299.7	290.5	267.5	246.1	221.7	203.3	185.0
120°	389.9	373.0	353.2	334.8	325.6	316.5	293.5	272.1	249.2	229.3	209.5
122.5°	417.4	400.6	376.1	359.3	350.1	339.4	318.0	296.6	273.7	253.8	233.9
125°	437.3	420.4	402.1	380.7	371.5	360.8	339.4	319.5	298.1	278.3	259.9
127.5°	457.1	440.3	423.5	403.6	392.9	380.7	360.8	340.9	321.1	302.7	282.8
130°	473.9	458.7	441.8	423.5	412.8	403.6	380.7	360.8	342.5	324.1	307.3
132.5°	490.8	475.5	457.1	440.3	429.6	422.0	403.6	382.2	363.9	347.0	328.7
135°	503.0	489.2	470.9	452.5	444.9	437.3	420.4	403.6	383.7	366.9	350.1
137.5°	516.8	501.5	483.1	466.3	458.7	452.5	437.3	420.4	405.1	386.8	370.0
140°	527.5	512.2	495.3	478.5	472.4	466.3	452.5	437.3	423.5	408.2	389.9
142.5°	536.6	521.3	504.5	489.2	484.6	478.5	464.8	452.5	438.8	425.0	409.7
145°	545.8	529.0	513.7	501.5	495.3	489.2	478.5	466.3	454.1	440.3	426.5
147.5°	553.4	536.6	522.9	510.6	506.0	501.5	489.2	478.5	467.8	455.6	441.8
150°	559.6	544.3	532.0	521.3	516.8	512.2	499.9	490.8	481.6	469.4	457.1
152.5°	562.6	548.9	538.2	529.0	525.9	521.3	512.2	503.0	493.8	483.1	472.4
155°	565.7	553.4	544.3	536.6	533.6	530.5	521.3	513.7	506.0	496.9	484.6
157.5°	567.2	558.0	548.9	542.7	539.7	536.6	529.0	522.9	515.2	506.0	496.9
160°	570.3	561.1	551.9	547.3	545.8	542.7	535.1	530.5	524.4	515.2	507.6
162.5°	570.3	562.6	555.0	551.9	550.4	548.9	541.2	536.6	532.0	524.4	516.8
165°	571.8	564.1	558.0	555.0	553.4	551.9	547.3	542.7	538.2	530.5	525.9
167.5°	570.3	564.1	559.6	556.5	555.0	553.4	550.4	547.3	542.7	538.2	532.0
170°	567.2	562.6	559.6	558.0	556.5	555.0	551.9	550.4	545.8	542.7	538.2
172.5°	564.1	559.6	556.5	556.5	555.0	555.0	553.4	551.9	548.9	545.8	542.7
175°	559.6	556.5	553.4	553.4	553.4	553.4	551.9	551.9	550.4	548.9	545.8
177.5°	553.4	550.4	548.9	548.9	550.4	550.4	550.4	550.4	550.4	550.4	548.9
180°	547.3	547.3	547.3	547.3	547.3	547.3	547.3	547.3	547.3	547.3	547.3



TEST NUMBER: P303087

CATALOG NUMBER: CTW-F-2575-40L840-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1706.2	1706.2	1706.2	1706.2	1706.2	1706.2	1706.2	1706.2	1706.2	1706.2	1706.2
2.5°	1706.2	1695.5	1695.5	1697.0	1700.1	1703.1	1703.1	1697.0	1704.7	1710.8	1704.7
5°	1698.5	1687.8	1689.4	1689.4	1692.4	1695.5	1695.5	1689.4	1697.0	1701.6	1694.0
7.5°	1686.3	1675.6	1675.6	1677.1	1678.7	1681.7	1681.7	1675.6	1683.3	1687.8	1680.2
10°	1669.5	1658.8	1658.8	1658.8	1661.9	1664.9	1663.4	1657.3	1664.9	1668.0	1661.9
12.5°	1646.6	1637.4	1637.4	1637.4	1638.9	1642.0	1640.5	1632.8	1642.0	1643.5	1635.9
15°	1620.6	1612.9	1611.4	1611.4	1612.9	1616.0	1612.9	1605.3	1614.5	1616.0	1609.9
17.5°	1591.5	1582.4	1580.8	1580.8	1582.4	1585.4	1580.8	1573.2	1580.8	1580.8	1574.7
20°	1557.9	1547.2	1545.7	1545.7	1547.2	1548.7	1542.6	1538.0	1545.7	1544.1	1538.0
22.5°	1519.7	1509.0	1507.4	1507.4	1509.0	1510.5	1502.9	1499.8	1504.4	1502.9	1495.2
25°	1476.9	1469.2	1467.7	1466.2	1469.2	1466.2	1461.6	1457.0	1460.0	1457.0	1449.3
27.5°	1432.5	1423.4	1420.3	1421.8	1424.9	1423.4	1412.7	1411.1	1415.7	1409.6	1402.0
30°	1383.6	1376.0	1372.9	1374.4	1374.4	1374.4	1363.7	1365.3	1366.8	1362.2	1351.5
32.5°	1333.2	1327.0	1325.5	1325.5	1327.0	1324.0	1313.3	1314.8	1314.8	1307.2	1299.5
35°	1281.2	1275.1	1272.0	1273.5	1275.1	1268.9	1259.8	1262.8	1259.8	1253.7	1246.0
37.5°	1227.7	1220.0	1220.0	1220.0	1221.5	1213.9	1204.7	1209.3	1204.7	1197.1	1191.0
40°	1169.6	1163.5	1165.0	1165.0	1166.5	1160.4	1152.8	1152.8	1148.2	1140.5	1132.9
42.5°	1116.1	1108.4	1111.5	1111.5	1111.5	1102.3	1097.7	1096.2	1093.1	1085.5	1079.4
45°	1056.4	1050.3	1054.9	1053.4	1054.9	1044.2	1041.1	1038.1	1033.5	1027.4	1019.7
47.5°	995.3	992.2	996.8	996.8	996.8	986.1	983.0	978.5	975.4	969.3	958.6
50°	934.1	934.1	937.2	938.7	935.7	926.5	923.4	917.3	914.3	908.1	899.0
52.5°	876.0	873.0	877.6	877.6	874.5	866.9	862.3	857.7	853.1	847.0	840.9
55°	816.4	813.3	817.9	814.9	813.3	807.2	801.1	796.5	795.0	785.8	779.7
57.5°	755.3	753.7	756.8	755.3	750.7	746.1	740.0	736.9	732.3	724.7	720.1
60°	694.1	694.1	694.1	692.6	689.5	683.4	678.8	675.8	669.6	663.5	660.5
62.5°	632.9	632.9	631.4	629.9	626.8	622.2	616.1	616.1	607.0	600.8	599.3
65°	571.8	570.3	568.7	564.1	564.1	561.1	555.0	550.4	545.8	539.7	538.2
67.5°	510.6	507.6	503.0	503.0	499.9	498.4	492.3	487.7	484.6	480.1	477.0
70°	449.5	444.9	440.3	441.8	437.3	435.7	429.6	428.1	420.4	415.8	415.8
72.5°	383.7	379.2	374.6	376.1	373.0	370.0	365.4	360.8	356.2	354.7	351.6
75°	322.6	316.5	313.4	313.4	310.4	307.3	304.2	299.7	298.1	295.1	292.0
77.5°	259.9	255.3	253.8	253.8	249.2	247.7	244.6	243.1	238.5	238.5	232.4
80°	200.3	195.7	194.2	192.6	192.6	188.0	186.5	181.9	180.4	177.3	172.8
82.5°	140.7	137.6	136.1	136.1	136.1	130.0	128.4	123.8	122.3	117.7	113.1
85°	85.6	82.6	79.5	81.0	79.5	73.4	71.9	65.7	62.7	61.2	58.1
87.5°	35.2	30.6	27.5	26.0	26.0	22.9	21.4	19.9	15.3	13.8	12.2
90°	1.5	1.5	3.1	3.1	3.1	3.1	3.1	3.1	3.1	4.6	4.6
92.5°	7.6	9.2	9.2	9.2	10.7	10.7	9.2	9.2	9.2	9.2	7.6
95°	13.8	15.3	18.3	18.3	19.9	21.4	21.4	19.9	19.9	19.9	18.3
97.5°	19.9	22.9	22.9	24.5	26.0	27.5	29.0	30.6	30.6	30.6	30.6
100°	30.6	29.0	32.1	33.6	33.6	33.6	35.2	36.7	38.2	39.8	39.8
102.5°	44.3	39.8	39.8	39.8	42.8	45.9	42.8	42.8	44.3	45.9	47.4
105°	58.1	53.5	50.5	50.5	50.5	53.5	56.6	55.0	53.5	55.0	55.0
107.5°	76.4	68.8	62.7	62.7	62.7	61.2	64.2	65.7	68.8	67.3	64.2
110°	96.3	87.1	79.5	74.9	74.9	73.4	73.4	74.9	78.0	79.5	81.0



TEST NUMBER: P303087

CATALOG NUMBER: CTW-F-2575-40L840-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	119.3	107.0	96.3	94.8	90.2	85.6	84.1	84.1	85.6	88.7	91.7
115°	143.7	130.0	116.2	113.1	108.5	99.4	96.3	94.8	94.8	96.3	99.4
117.5°	168.2	152.9	139.1	133.0	128.4	119.3	111.6	107.0	105.5	105.5	107.0
120°	192.6	178.9	163.6	155.9	149.8	139.1	128.4	120.8	117.7	116.2	116.2
122.5°	217.1	203.3	186.5	180.4	174.3	160.5	149.8	139.1	133.0	128.4	126.9
125°	241.6	227.8	212.5	204.9	197.2	183.5	172.8	162.1	152.9	145.2	140.7
127.5°	266.0	250.7	237.0	230.9	223.2	207.9	194.2	183.5	174.3	165.1	157.5
130°	287.4	275.2	261.4	255.3	247.7	230.9	218.6	207.9	197.2	186.5	178.9
132.5°	311.9	296.6	284.4	278.3	270.6	255.3	243.1	230.9	221.7	211.0	201.8
135°	331.8	319.5	305.8	299.7	293.5	279.8	267.5	255.3	244.6	235.4	227.8
137.5°	353.2	339.4	327.2	322.6	314.9	301.2	292.0	279.8	269.1	258.4	250.7
140°	373.0	359.3	347.0	342.5	336.3	324.1	311.9	302.7	292.0	282.8	275.2
142.5°	392.9	376.1	366.9	362.3	356.2	344.0	333.3	325.6	316.5	307.3	299.7
145°	411.3	399.0	383.7	380.7	376.1	363.9	354.7	347.0	339.4	330.2	322.6
147.5°	426.5	415.8	405.1	402.1	397.5	385.3	374.6	368.5	360.8	353.2	345.5
150°	443.4	432.7	423.5	420.4	415.8	408.2	397.5	386.8	382.2	373.0	366.9
152.5°	458.7	448.0	438.8	437.3	432.7	425.0	415.8	408.2	405.1	397.5	386.8
155°	472.4	461.7	454.1	452.5	449.5	441.8	434.2	426.5	423.5	415.8	409.7
157.5°	484.6	473.9	467.8	466.3	463.2	457.1	449.5	441.8	440.3	434.2	429.6
160°	496.9	486.2	481.6	480.1	477.0	472.4	466.3	458.7	458.7	452.5	448.0
162.5°	506.0	498.4	493.8	490.8	489.2	486.2	480.1	473.9	473.9	469.4	464.8
165°	516.8	507.6	504.5	503.0	501.5	498.4	493.8	487.7	487.7	484.6	480.1
167.5°	524.4	516.8	513.7	512.2	510.6	509.1	506.0	499.9	499.9	498.4	493.8
170°	530.5	524.4	521.3	519.8	519.8	518.3	516.8	512.2	512.2	510.6	506.0
172.5°	536.6	530.5	529.0	529.0	527.5	527.5	525.9	521.3	521.3	522.9	518.3
175°	541.2	535.1	535.1	533.6	535.1	535.1	533.6	530.5	532.0	533.6	530.5
177.5°	542.7	539.7	539.7	539.7	539.7	541.2	541.2	536.6	539.7	542.7	538.2
180°	547.3	547.3	547.3	547.3	547.3	547.3	547.3	547.3	547.3	547.3	547.3



TEST NUMBER: P303087

CATALOG NUMBER: CTW-F-2575-40L840-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	1706.2	1706.2	1706.2	1706.2	1706.2	1706.2	1706.2	1706.2
2.5°	1704.7	1701.6	1700.1	1700.1	1701.6	1692.4	1684.8	1683.3
5°	1694.0	1690.9	1689.4	1689.4	1692.4	1686.3	1680.2	1678.7
7.5°	1678.7	1677.1	1674.1	1675.6	1680.2	1674.1	1668.0	1668.0
10°	1658.8	1657.3	1654.2	1655.7	1658.8	1652.7	1646.6	1646.6
12.5°	1634.3	1629.8	1628.2	1629.8	1632.8	1626.7	1620.6	1622.1
15°	1605.3	1602.2	1600.7	1602.2	1605.3	1599.2	1591.5	1593.1
17.5°	1573.2	1568.6	1568.6	1570.1	1571.7	1564.0	1556.4	1556.4
20°	1533.4	1528.8	1528.8	1530.4	1530.4	1521.2	1516.6	1516.6
22.5°	1489.1	1484.5	1483.0	1486.0	1486.0	1478.4	1473.8	1472.3
25°	1444.8	1437.1	1437.1	1440.2	1438.6	1432.5	1426.4	1424.9
27.5°	1398.9	1389.7	1392.8	1392.8	1391.3	1382.1	1377.5	1376.0
30°	1348.4	1340.8	1339.3	1342.3	1337.7	1330.1	1327.0	1324.0
32.5°	1296.5	1288.8	1290.3	1288.8	1285.8	1278.1	1272.0	1272.0
35°	1243.0	1233.8	1236.8	1235.3	1229.2	1224.6	1220.0	1217.0
37.5°	1186.4	1178.7	1181.8	1178.7	1174.2	1169.6	1163.5	1161.9
40°	1128.3	1125.2	1125.2	1122.2	1117.6	1111.5	1109.9	1105.4
42.5°	1070.2	1068.7	1068.7	1064.1	1059.5	1054.9	1051.8	1050.3
45°	1013.6	1009.0	1012.1	1007.5	1001.4	996.8	993.8	992.2
47.5°	955.5	950.9	950.9	947.9	941.8	938.7	935.7	935.7
50°	897.4	891.3	889.8	888.3	883.7	880.6	876.0	877.6
52.5°	837.8	834.8	833.2	828.6	824.0	821.0	819.5	821.0
55°	778.2	775.1	772.1	769.0	764.4	761.4	758.3	759.8
57.5°	718.6	712.4	712.4	707.9	704.8	701.7	698.7	698.7
60°	657.4	654.3	651.3	648.2	645.2	642.1	642.1	639.1
62.5°	596.3	593.2	590.1	585.5	584.0	581.0	582.5	579.4
65°	535.1	530.5	530.5	525.9	524.4	521.3	522.9	521.3
67.5°	473.9	470.9	469.4	466.3	463.2	461.7	461.7	461.7
70°	412.8	409.7	408.2	408.2	403.6	399.0	402.1	400.6
72.5°	348.6	347.0	344.0	342.5	339.4	337.9	339.4	337.9
75°	289.0	287.4	285.9	284.4	279.8	279.8	281.3	279.8
77.5°	229.3	227.8	226.3	227.8	221.7	221.7	221.7	220.2
80°	171.2	169.7	166.6	168.2	165.1	162.1	162.1	165.1
82.5°	110.1	110.1	107.0	107.0	107.0	102.4	104.0	105.5
85°	56.6	56.6	55.0	56.6	52.0	52.0	52.0	50.5
87.5°	12.2	12.2	10.7	12.2	10.7	10.7	10.7	12.2
90°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
92.5°	7.6	7.6	7.6	9.2	7.6	7.6	7.6	7.6
95°	18.3	19.9	19.9	19.9	18.3	18.3	18.3	16.8
97.5°	30.6	30.6	30.6	30.6	29.0	29.0	29.0	27.5
100°	39.8	41.3	41.3	41.3	41.3	41.3	41.3	39.8
102.5°	48.9	48.9	48.9	50.5	50.5	50.5	50.5	48.9
105°	55.0	56.6	56.6	58.1	59.6	59.6	59.6	58.1
107.5°	65.7	65.7	65.7	65.7	65.7	67.3	65.7	65.7
110°	79.5	78.0	78.0	78.0	76.4	76.4	76.4	76.4



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CATALOG NUMBER: CTW-F-2575-40L840-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	93.3	93.3	93.3	93.3	93.3	91.7	91.7	91.7
115°	100.9	104.0	104.0	104.0	104.0	104.0	105.5	105.5
117.5°	108.5	110.1	111.6	111.6	113.1	113.1	114.7	114.7
120°	116.2	117.7	117.7	119.3	119.3	119.3	120.8	120.8
122.5°	125.4	125.4	125.4	125.4	126.9	125.4	126.9	126.9
125°	137.6	136.1	136.1	134.5	134.5	133.0	133.0	133.0
127.5°	152.9	149.8	148.3	146.8	145.2	143.7	142.2	142.2
130°	172.8	166.6	165.1	163.6	159.0	157.5	155.9	155.9
132.5°	194.2	189.6	186.5	183.5	178.9	175.8	174.3	172.8
135°	220.2	214.0	209.5	206.4	201.8	197.2	194.2	194.2
137.5°	243.1	237.0	233.9	230.9	226.3	221.7	220.2	218.6
140°	267.5	261.4	258.4	255.3	250.7	246.1	243.1	243.1
142.5°	290.5	284.4	282.8	279.8	275.2	270.6	269.1	267.5
145°	314.9	308.8	305.8	304.2	299.7	295.1	292.0	292.0
147.5°	337.9	331.8	330.2	327.2	324.1	318.0	316.5	314.9
150°	360.8	354.7	353.2	351.6	348.6	342.5	339.4	339.4
152.5°	382.2	376.1	374.6	374.6	371.5	366.9	363.9	362.3
155°	405.1	400.6	399.0	399.0	396.0	389.9	385.3	385.3
157.5°	425.0	420.4	418.9	418.9	415.8	412.8	411.3	411.3
160°	444.9	440.3	438.8	438.8	437.3	434.2	432.7	432.7
162.5°	461.7	458.7	457.1	457.1	457.1	454.1	451.0	452.5
165°	478.5	473.9	473.9	472.4	473.9	470.9	469.4	470.9
167.5°	490.8	489.2	487.7	487.7	487.7	486.2	486.2	486.2
170°	504.5	503.0	503.0	501.5	501.5	501.5	498.4	499.9
172.5°	516.8	515.2	515.2	515.2	515.2	513.7	510.6	512.2
175°	529.0	527.5	527.5	527.5	527.5	525.9	521.3	521.3
177.5°	539.7	539.7	538.2	538.2	538.2	535.1	529.0	530.5
180°	547.3	547.3	547.3	547.3	547.3	547.3	547.3	547.3

(END OF REPORT)