

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: P303086

Luminaire Tested: **CTW-F-2575-40L835-UNV-STD-6**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P303086
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-2575-40L835-UNV-STD-6
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE
25% UPLIGHT, 75% DOWNLIGHT, 4000 LUMEN PACKAGE
Light Source: 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5989.5 lumens
Efficiency: N/A
Efficacy: 116.8 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

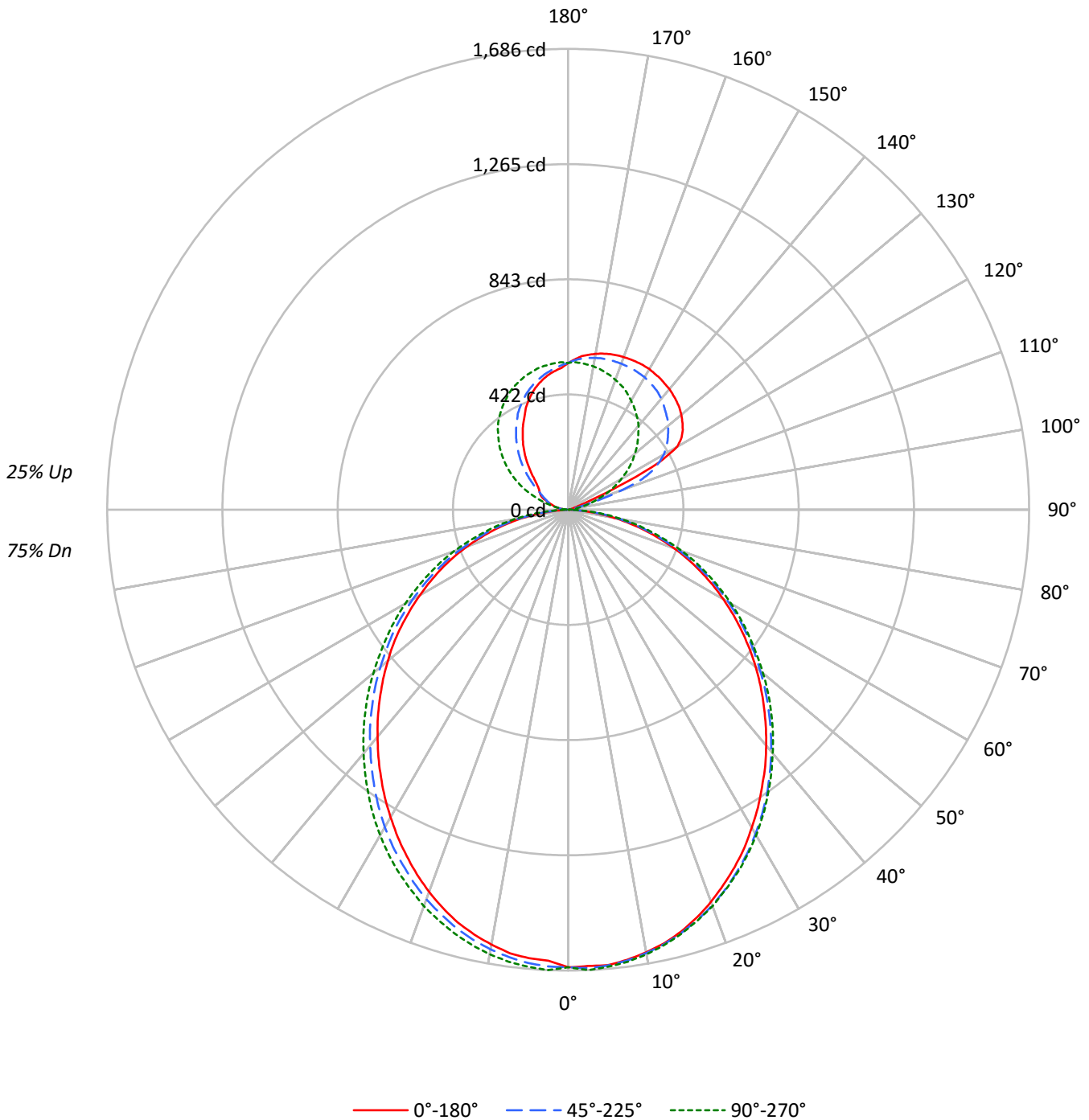
Input Watts (W): 51.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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°	24025	24025	24025
5°	24095	24182	23728
10°	23958	24068	23543
15°	23736	23847	23223
20°	23322	23574	22726
25°	22827	23207	22138
30°	22248	22795	21527
35°	21655	22312	20919
40°	21105	21808	20318
45°	20520	21311	19759
50°	19994	20765	19224
55°	19404	20230	18654
60°	18815	19763	17997
65°	18134	19204	17370
70°	17309	18631	16491
75°	16053	17550	15221
80°	14133	16365	13389
85°	9633	14079	8151



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	158.0	2.6
10°-20°	447.6	7.5
20°-30°	663.0	11.1
30°-40°	777.8	13.0
40°-50°	788.3	13.2
50°-60°	702.7	11.7
60°-70°	538.2	9.0
70°-80°	315.7	5.3
80°-90°	82.9	1.4
90°-100°	15.5	0.3
100°-110°	66.9	1.1
110°-120°	186.2	3.1
120°-130°	265.9	4.4
130°-140°	285.9	4.8
140°-150°	272.3	4.5
150°-160°	224.3	3.7
160°-170°	147.2	2.5
170°-180°	51.0	0.9
0°-30°	1268.6	21.2
0°-40°	2046.4	34.2
0°-60°	3537.4	59.1
0°-90°	4474.2	74.7
90°-120°	268.6	4.5
90°-150°	1092.8	18.2
90°-180°	1515.0	25.3
0°-180°	5989.5	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	1674	1674	1674	1674	1674	
5°	1672	1674	1678	1665	1647	159
15°	1598	1602	1605	1584	1563	450
25°	1442	1461	1466	1432	1398	664
35°	1236	1268	1274	1236	1194	774
45°	1011	1036	1050	1014	974	781
55°	776	798	808	780	746	694
65°	534	552	566	536	512	529
75°	290	304	316	292	274	306
85°	58	72	86	62	50	72
90°	2	2	2	3	4	2
95°	4	4	12	20	16	4
105°	18	48	72	52	57	20
115°	208	342	174	93	104	224
125°	512	444	273	150	130	455
135°	561	504	360	240	190	433
145°	586	548	432	333	286	368
155°	596	566	488	416	378	275
165°	590	568	520	478	462	167
175°	564	555	538	522	512	54
180°	537	537	537	537	537	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1674.0	1674.0	1674.0	1674.0	1674.0	1674.0	1674.0	1674.0	1674.0	1674.0	1674.0
2.5°	1671.0	1669.5	1671.0	1669.5	1674.0	1674.0	1674.0	1672.5	1675.5	1681.5	1678.5
5°	1672.5	1671.0	1669.5	1665.0	1668.0	1668.0	1668.0	1666.5	1669.5	1677.0	1674.0
7.5°	1660.5	1660.5	1659.0	1656.0	1659.0	1659.0	1657.5	1656.0	1659.0	1665.0	1663.5
10°	1644.0	1642.5	1641.0	1638.0	1642.5	1642.5	1642.5	1641.0	1644.0	1651.5	1647.0
12.5°	1624.5	1621.5	1620.0	1617.0	1621.5	1621.5	1621.5	1620.0	1623.0	1630.5	1627.5
15°	1597.5	1596.0	1596.0	1594.5	1599.0	1599.0	1599.0	1596.0	1599.0	1605.0	1602.0
17.5°	1564.5	1563.0	1566.0	1564.5	1567.5	1567.5	1567.5	1564.5	1566.0	1575.0	1573.5
20°	1527.0	1525.5	1525.5	1524.0	1528.5	1528.5	1530.0	1527.0	1531.5	1540.5	1540.5
22.5°	1485.0	1485.0	1486.5	1485.0	1488.0	1489.5	1488.0	1486.5	1491.0	1500.0	1503.0
25°	1441.5	1440.0	1440.0	1443.0	1444.5	1446.0	1446.0	1444.5	1447.5	1456.5	1461.0
27.5°	1395.0	1392.0	1395.0	1395.0	1398.0	1399.5	1401.0	1401.0	1404.0	1410.0	1417.5
30°	1342.5	1342.5	1344.0	1345.5	1345.5	1350.0	1351.5	1351.5	1354.5	1362.0	1369.5
32.5°	1291.5	1290.0	1293.0	1294.5	1296.0	1299.0	1299.0	1300.5	1302.0	1309.5	1320.0
35°	1236.0	1237.5	1237.5	1240.5	1243.5	1245.0	1246.5	1245.0	1249.5	1254.0	1267.5
37.5°	1183.5	1182.0	1182.0	1183.5	1188.0	1189.5	1191.0	1191.0	1194.0	1200.0	1212.0
40°	1126.5	1125.0	1128.0	1129.5	1131.0	1134.0	1134.0	1137.0	1141.5	1146.0	1155.0
42.5°	1069.5	1068.0	1071.0	1072.5	1075.5	1077.0	1077.0	1080.0	1084.5	1090.5	1096.5
45°	1011.0	1009.5	1012.5	1014.0	1017.0	1018.5	1018.5	1023.0	1027.5	1030.5	1036.5
47.5°	954.0	952.5	954.0	957.0	960.0	961.5	961.5	964.5	967.5	973.5	978.0
50°	895.5	892.5	895.5	897.0	900.0	898.5	901.5	904.5	910.5	916.5	916.5
52.5°	835.5	832.5	835.5	837.0	840.0	841.5	841.5	843.0	850.5	855.0	858.0
55°	775.5	774.0	775.5	777.0	780.0	783.0	781.5	786.0	789.0	795.0	798.0
57.5°	715.5	714.0	715.5	717.0	720.0	721.5	721.5	726.0	727.5	732.0	739.5
60°	655.5	652.5	655.5	657.0	660.0	660.0	661.5	663.0	667.5	673.5	676.5
62.5°	595.5	595.5	595.5	595.5	598.5	598.5	603.0	604.5	604.5	610.5	615.0
65°	534.0	534.0	534.0	534.0	537.0	540.0	538.5	543.0	544.5	549.0	552.0
67.5°	474.0	472.5	474.0	474.0	477.0	478.5	478.5	481.5	483.0	484.5	492.0
70°	412.5	414.0	412.5	412.5	412.5	415.5	418.5	420.0	421.5	423.0	427.5
72.5°	349.5	348.0	349.5	349.5	349.5	352.5	354.0	357.0	357.0	360.0	363.0
75°	289.5	289.5	291.0	289.5	289.5	294.0	294.0	297.0	297.0	300.0	304.5
77.5°	229.5	232.5	231.0	231.0	231.0	234.0	234.0	237.0	238.5	240.0	244.5
80°	171.0	174.0	172.5	172.5	172.5	174.0	175.5	178.5	178.5	181.5	184.5
82.5°	114.0	114.0	115.5	115.5	115.5	117.0	120.0	121.5	121.5	124.5	127.5
85°	58.5	63.0	61.5	61.5	61.5	63.0	64.5	66.0	67.5	69.0	72.0
87.5°	12.0	13.5	13.5	12.0	15.0	13.5	15.0	16.5	16.5	18.0	21.0
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°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
95°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
97.5°	6.0	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	9.0
100°	9.0	9.0	9.0	9.0	9.0	10.5	10.5	10.5	10.5	12.0	13.5
102.5°	12.0	12.0	13.5	13.5	13.5	13.5	13.5	15.0	16.5	18.0	24.0
105°	18.0	16.5	18.0	18.0	18.0	19.5	19.5	22.5	25.5	33.0	48.0
107.5°	24.0	24.0	24.0	25.5	27.0	30.0	31.5	37.5	51.0	72.0	111.0
110°	37.5	36.0	39.0	42.0	51.0	55.5	63.0	85.5	121.5	165.0	211.5



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	79.5	78.0	88.5	99.0	118.5	136.5	160.5	205.5	252.0	280.5	292.5
115°	208.5	204.0	217.5	244.5	279.0	297.0	313.5	336.0	349.5	349.5	342.0
117.5°	376.5	370.5	385.5	393.0	400.5	406.5	406.5	406.5	400.5	390.0	375.0
120°	460.5	456.0	457.5	454.5	451.5	448.5	445.5	439.5	429.0	417.0	403.5
122.5°	492.0	490.5	487.5	483.0	478.5	474.0	471.0	463.5	453.0	439.5	426.0
125°	511.5	510.0	507.0	502.5	496.5	493.5	490.5	481.5	471.0	459.0	444.0
127.5°	526.5	526.5	522.0	519.0	513.0	510.0	505.5	498.0	487.5	474.0	460.5
130°	540.0	540.0	535.5	534.0	526.5	525.0	520.5	511.5	501.0	489.0	477.0
132.5°	552.0	550.5	549.0	546.0	540.0	537.0	534.0	526.5	514.5	502.5	492.0
135°	561.0	559.5	558.0	555.0	549.0	547.5	544.5	537.0	525.0	514.5	504.0
137.5°	568.5	568.5	565.5	564.0	558.0	556.5	553.5	546.0	535.5	526.5	517.5
140°	576.0	576.0	573.0	571.5	565.5	564.0	562.5	555.0	544.5	537.0	529.5
142.5°	580.5	582.0	579.0	577.5	571.5	570.0	568.5	561.0	553.5	546.0	540.0
145°	586.5	586.5	583.5	582.0	579.0	577.5	574.5	568.5	561.0	553.5	547.5
147.5°	589.5	591.0	588.0	586.5	583.5	582.0	579.0	573.0	565.5	559.5	553.5
150°	594.0	594.0	591.0	589.5	586.5	585.0	583.5	577.5	570.0	565.5	559.5
152.5°	595.5	595.5	592.5	591.0	588.0	586.5	585.0	579.0	573.0	568.5	562.5
155°	595.5	595.5	594.0	591.0	589.5	588.0	585.0	580.5	574.5	571.5	565.5
157.5°	595.5	594.0	594.0	591.0	589.5	586.5	585.0	579.0	576.0	573.0	567.0
160°	594.0	594.0	592.5	589.5	589.5	586.5	585.0	580.5	576.0	574.5	568.5
162.5°	592.5	591.0	591.0	588.0	588.0	586.5	583.5	580.5	576.0	574.5	568.5
165°	589.5	588.0	588.0	585.0	585.0	583.5	582.0	576.0	574.5	573.0	568.5
167.5°	585.0	583.5	582.0	579.0	579.0	577.5	576.0	571.5	570.0	570.0	567.0
170°	579.0	576.0	574.5	573.0	573.0	571.5	570.0	567.0	567.0	567.0	564.0
172.5°	571.5	568.5	568.5	567.0	565.5	565.5	564.0	561.0	561.0	561.0	559.5
175°	564.0	561.0	559.5	558.0	559.5	558.0	556.5	555.0	555.0	556.5	555.0
177.5°	550.5	547.5	549.0	549.0	549.0	549.0	547.5	547.5	547.5	547.5	547.5
180°	537.0	537.0	537.0	537.0	537.0	537.0	537.0	537.0	537.0	537.0	537.0



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1674.0	1674.0	1674.0	1674.0	1674.0	1674.0	1674.0	1674.0	1674.0	1674.0	1674.0
2.5°	1668.0	1663.5	1663.5	1669.5	1671.0	1674.0	1677.0	1683.0	1686.0	1686.0	1684.5
5°	1663.5	1659.0	1657.5	1663.5	1665.0	1668.0	1671.0	1677.0	1678.5	1678.5	1677.0
7.5°	1653.0	1648.5	1647.0	1653.0	1654.5	1657.5	1659.0	1665.0	1668.0	1668.0	1665.0
10°	1636.5	1632.0	1632.0	1638.0	1639.5	1641.0	1644.0	1648.5	1651.5	1651.5	1650.0
12.5°	1617.0	1612.5	1611.0	1617.0	1618.5	1620.0	1623.0	1629.0	1630.5	1630.5	1627.5
15°	1593.0	1587.0	1587.0	1593.0	1594.5	1596.0	1599.0	1603.5	1605.0	1605.0	1602.0
17.5°	1563.0	1560.0	1557.0	1563.0	1564.5	1566.0	1567.5	1573.5	1576.5	1575.0	1572.0
20°	1530.0	1525.5	1522.5	1530.0	1531.5	1533.0	1534.5	1540.5	1543.5	1543.5	1539.0
22.5°	1494.0	1489.5	1486.5	1492.5	1495.5	1495.5	1498.5	1503.0	1506.0	1504.5	1501.5
25°	1453.5	1447.5	1447.5	1452.0	1455.0	1455.0	1458.0	1462.5	1465.5	1465.5	1461.0
27.5°	1410.0	1405.5	1402.5	1405.5	1410.0	1411.5	1414.5	1419.0	1422.0	1422.0	1417.5
30°	1365.0	1360.5	1354.5	1359.0	1363.5	1365.0	1368.0	1374.0	1375.5	1375.5	1368.0
32.5°	1317.0	1309.5	1308.0	1311.0	1314.0	1317.0	1320.0	1324.5	1324.5	1326.0	1321.5
35°	1263.0	1260.0	1257.0	1260.0	1263.0	1264.5	1269.0	1273.5	1273.5	1273.5	1269.0
37.5°	1210.5	1210.5	1204.5	1206.0	1209.0	1210.5	1216.5	1219.5	1221.0	1219.5	1218.0
40°	1159.5	1155.0	1152.0	1152.0	1153.5	1158.0	1161.0	1164.0	1165.5	1164.0	1161.0
42.5°	1104.0	1101.0	1096.5	1096.5	1098.0	1102.5	1108.5	1110.0	1108.5	1108.5	1102.5
45°	1044.0	1044.0	1041.0	1041.0	1041.0	1045.5	1051.5	1053.0	1051.5	1050.0	1047.0
47.5°	984.0	985.5	985.5	984.0	984.0	984.0	990.0	991.5	993.0	991.5	988.5
50°	924.0	925.5	925.5	925.5	924.0	928.5	930.0	933.0	931.5	930.0	928.5
52.5°	861.0	865.5	865.5	867.0	867.0	867.0	873.0	874.5	870.0	868.5	867.0
55°	799.5	805.5	805.5	807.0	807.0	807.0	811.5	814.5	810.0	808.5	807.0
57.5°	739.5	744.0	744.0	747.0	750.0	747.0	750.0	753.0	748.5	750.0	747.0
60°	678.0	681.0	682.5	685.5	687.0	687.0	690.0	693.0	687.0	688.5	687.0
62.5°	619.5	619.5	621.0	624.0	625.5	624.0	627.0	631.5	625.5	627.0	625.5
65°	553.5	558.0	558.0	561.0	562.5	562.5	565.5	568.5	564.0	565.5	561.0
67.5°	492.0	495.0	496.5	501.0	504.0	502.5	504.0	507.0	504.0	505.5	501.0
70°	430.5	433.5	433.5	435.0	439.5	441.0	442.5	444.0	442.5	444.0	441.0
72.5°	366.0	367.5	369.0	370.5	375.0	375.0	376.5	378.0	382.5	379.5	379.5
75°	304.5	307.5	307.5	312.0	315.0	315.0	316.5	318.0	321.0	316.5	316.5
77.5°	244.5	247.5	247.5	252.0	253.5	253.5	256.5	258.0	259.5	258.0	258.0
80°	186.0	187.5	189.0	190.5	193.5	195.0	196.5	198.0	199.5	198.0	199.5
82.5°	130.5	130.5	132.0	133.5	136.5	138.0	139.5	141.0	142.5	141.0	142.5
85°	73.5	76.5	76.5	81.0	82.5	82.5	84.0	85.5	87.0	85.5	87.0
87.5°	22.5	25.5	27.0	28.5	31.5	31.5	34.5	36.0	36.0	34.5	36.0
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°	3.0	3.0	3.0	4.5	4.5	4.5	6.0	6.0	6.0	4.5	6.0
95°	6.0	6.0	7.5	10.5	13.5	15.0	18.0	18.0	15.0	12.0	12.0
97.5°	10.5	12.0	18.0	25.5	28.5	33.0	36.0	33.0	27.0	22.5	21.0
100°	18.0	24.0	37.5	52.5	57.0	61.5	60.0	52.5	43.5	36.0	31.5
102.5°	33.0	51.0	76.5	91.5	94.5	94.5	87.0	75.0	63.0	52.5	46.5
105°	73.5	105.0	133.5	136.5	135.0	130.5	117.0	102.0	87.0	72.0	64.5
107.5°	151.5	178.5	187.5	178.5	174.0	165.0	148.5	130.5	111.0	96.0	84.0
110°	235.5	238.5	229.5	214.5	205.5	198.0	177.0	159.0	138.0	120.0	106.5



TEST NUMBER: P303086

CATALOG NUMBER: CTW-F-2575-40L835-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	292.5	282.0	265.5	247.5	238.5	228.0	208.5	187.5	165.0	145.5	130.5
115°	330.0	313.5	295.5	276.0	267.0	258.0	237.0	214.5	192.0	174.0	156.0
117.5°	358.5	340.5	322.5	303.0	294.0	285.0	262.5	241.5	217.5	199.5	181.5
120°	382.5	366.0	346.5	328.5	319.5	310.5	288.0	267.0	244.5	225.0	205.5
122.5°	409.5	393.0	369.0	352.5	343.5	333.0	312.0	291.0	268.5	249.0	229.5
125°	429.0	412.5	394.5	373.5	364.5	354.0	333.0	313.5	292.5	273.0	255.0
127.5°	448.5	432.0	415.5	396.0	385.5	373.5	354.0	334.5	315.0	297.0	277.5
130°	465.0	450.0	433.5	415.5	405.0	396.0	373.5	354.0	336.0	318.0	301.5
132.5°	481.5	466.5	448.5	432.0	421.5	414.0	396.0	375.0	357.0	340.5	322.5
135°	493.5	480.0	462.0	444.0	436.5	429.0	412.5	396.0	376.5	360.0	343.5
137.5°	507.0	492.0	474.0	457.5	450.0	444.0	429.0	412.5	397.5	379.5	363.0
140°	517.5	502.5	486.0	469.5	463.5	457.5	444.0	429.0	415.5	400.5	382.5
142.5°	526.5	511.5	495.0	480.0	475.5	469.5	456.0	444.0	430.5	417.0	402.0
145°	535.5	519.0	504.0	492.0	486.0	480.0	469.5	457.5	445.5	432.0	418.5
147.5°	543.0	526.5	513.0	501.0	496.5	492.0	480.0	469.5	459.0	447.0	433.5
150°	549.0	534.0	522.0	511.5	507.0	502.5	490.5	481.5	472.5	460.5	448.5
152.5°	552.0	538.5	528.0	519.0	516.0	511.5	502.5	493.5	484.5	474.0	463.5
155°	555.0	543.0	534.0	526.5	523.5	520.5	511.5	504.0	496.5	487.5	475.5
157.5°	556.5	547.5	538.5	532.5	529.5	526.5	519.0	513.0	505.5	496.5	487.5
160°	559.5	550.5	541.5	537.0	535.5	532.5	525.0	520.5	514.5	505.5	498.0
162.5°	559.5	552.0	544.5	541.5	540.0	538.5	531.0	526.5	522.0	514.5	507.0
165°	561.0	553.5	547.5	544.5	543.0	541.5	537.0	532.5	528.0	520.5	516.0
167.5°	559.5	553.5	549.0	546.0	544.5	543.0	540.0	537.0	532.5	528.0	522.0
170°	556.5	552.0	549.0	547.5	546.0	544.5	541.5	540.0	535.5	532.5	528.0
172.5°	553.5	549.0	546.0	546.0	544.5	544.5	543.0	541.5	538.5	535.5	532.5
175°	549.0	546.0	543.0	543.0	543.0	543.0	541.5	541.5	540.0	538.5	535.5
177.5°	543.0	540.0	538.5	538.5	540.0	540.0	540.0	540.0	540.0	540.0	538.5
180°	537.0	537.0	537.0	537.0	537.0	537.0	537.0	537.0	537.0	537.0	537.0



TEST NUMBER: P303086

CATALOG NUMBER: CTW-F-2575-40L835-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1674.0	1674.0	1674.0	1674.0	1674.0	1674.0	1674.0	1674.0	1674.0	1674.0	1674.0
2.5°	1674.0	1663.5	1663.5	1665.0	1668.0	1671.0	1671.0	1665.0	1672.5	1678.5	1672.5
5°	1666.5	1656.0	1657.5	1657.5	1660.5	1663.5	1663.5	1657.5	1665.0	1669.5	1662.0
7.5°	1654.5	1644.0	1644.0	1645.5	1647.0	1650.0	1650.0	1644.0	1651.5	1656.0	1648.5
10°	1638.0	1627.5	1627.5	1627.5	1630.5	1633.5	1632.0	1626.0	1633.5	1636.5	1630.5
12.5°	1615.5	1606.5	1606.5	1606.5	1608.0	1611.0	1609.5	1602.0	1611.0	1612.5	1605.0
15°	1590.0	1582.5	1581.0	1581.0	1582.5	1585.5	1582.5	1575.0	1584.0	1585.5	1579.5
17.5°	1561.5	1552.5	1551.0	1551.0	1552.5	1555.5	1551.0	1543.5	1551.0	1551.0	1545.0
20°	1528.5	1518.0	1516.5	1516.5	1518.0	1519.5	1513.5	1509.0	1516.5	1515.0	1509.0
22.5°	1491.0	1480.5	1479.0	1479.0	1480.5	1482.0	1474.5	1471.5	1476.0	1474.5	1467.0
25°	1449.0	1441.5	1440.0	1438.5	1441.5	1438.5	1434.0	1429.5	1432.5	1429.5	1422.0
27.5°	1405.5	1396.5	1393.5	1395.0	1398.0	1396.5	1386.0	1384.5	1389.0	1383.0	1375.5
30°	1357.5	1350.0	1347.0	1348.5	1348.5	1348.5	1338.0	1339.5	1341.0	1336.5	1326.0
32.5°	1308.0	1302.0	1300.5	1300.5	1302.0	1299.0	1288.5	1290.0	1290.0	1282.5	1275.0
35°	1257.0	1251.0	1248.0	1249.5	1251.0	1245.0	1236.0	1239.0	1236.0	1230.0	1222.5
37.5°	1204.5	1197.0	1197.0	1197.0	1198.5	1191.0	1182.0	1186.5	1182.0	1174.5	1168.5
40°	1147.5	1141.5	1143.0	1143.0	1144.5	1138.5	1131.0	1131.0	1126.5	1119.0	1111.5
42.5°	1095.0	1087.5	1090.5	1090.5	1090.5	1081.5	1077.0	1075.5	1072.5	1065.0	1059.0
45°	1036.5	1030.5	1035.0	1033.5	1035.0	1024.5	1021.5	1018.5	1014.0	1008.0	1000.5
47.5°	976.5	973.5	978.0	978.0	978.0	967.5	964.5	960.0	957.0	951.0	940.5
50°	916.5	916.5	919.5	921.0	918.0	909.0	906.0	900.0	897.0	891.0	882.0
52.5°	859.5	856.5	861.0	861.0	858.0	850.5	846.0	841.5	837.0	831.0	825.0
55°	801.0	798.0	802.5	799.5	798.0	792.0	786.0	781.5	780.0	771.0	765.0
57.5°	741.0	739.5	742.5	741.0	736.5	732.0	726.0	723.0	718.5	711.0	706.5
60°	681.0	681.0	681.0	679.5	676.5	670.5	666.0	663.0	657.0	651.0	648.0
62.5°	621.0	621.0	619.5	618.0	615.0	610.5	604.5	604.5	595.5	589.5	588.0
65°	561.0	559.5	558.0	553.5	553.5	550.5	544.5	540.0	535.5	529.5	528.0
67.5°	501.0	498.0	493.5	493.5	490.5	489.0	483.0	478.5	475.5	471.0	468.0
70°	441.0	436.5	432.0	433.5	429.0	427.5	421.5	420.0	412.5	408.0	408.0
72.5°	376.5	372.0	367.5	369.0	366.0	363.0	358.5	354.0	349.5	348.0	345.0
75°	316.5	310.5	307.5	307.5	304.5	301.5	298.5	294.0	292.5	289.5	286.5
77.5°	255.0	250.5	249.0	249.0	244.5	243.0	240.0	238.5	234.0	234.0	228.0
80°	196.5	192.0	190.5	189.0	189.0	184.5	183.0	178.5	177.0	174.0	169.5
82.5°	138.0	135.0	133.5	133.5	133.5	127.5	126.0	121.5	120.0	115.5	111.0
85°	84.0	81.0	78.0	79.5	78.0	72.0	70.5	64.5	61.5	60.0	57.0
87.5°	34.5	30.0	27.0	25.5	25.5	22.5	21.0	19.5	15.0	13.5	12.0
90°	1.5	1.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	4.5	4.5
92.5°	7.5	9.0	9.0	9.0	10.5	10.5	9.0	9.0	9.0	9.0	7.5
95°	13.5	15.0	18.0	18.0	19.5	21.0	21.0	19.5	19.5	19.5	18.0
97.5°	19.5	22.5	22.5	24.0	25.5	27.0	28.5	30.0	30.0	30.0	30.0
100°	30.0	28.5	31.5	33.0	33.0	33.0	34.5	36.0	37.5	39.0	39.0
102.5°	43.5	39.0	39.0	39.0	42.0	45.0	42.0	42.0	43.5	45.0	46.5
105°	57.0	52.5	49.5	49.5	49.5	52.5	55.5	54.0	52.5	54.0	54.0
107.5°	75.0	67.5	61.5	61.5	61.5	60.0	63.0	64.5	67.5	66.0	63.0
110°	94.5	85.5	78.0	73.5	73.5	72.0	72.0	73.5	76.5	78.0	79.5



TEST NUMBER: P303086

CATALOG NUMBER: CTW-F-2575-40L835-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	117.0	105.0	94.5	93.0	88.5	84.0	82.5	82.5	84.0	87.0	90.0
115°	141.0	127.5	114.0	111.0	106.5	97.5	94.5	93.0	93.0	94.5	97.5
117.5°	165.0	150.0	136.5	130.5	126.0	117.0	109.5	105.0	103.5	103.5	105.0
120°	189.0	175.5	160.5	153.0	147.0	136.5	126.0	118.5	115.5	114.0	114.0
122.5°	213.0	199.5	183.0	177.0	171.0	157.5	147.0	136.5	130.5	126.0	124.5
125°	237.0	223.5	208.5	201.0	193.5	180.0	169.5	159.0	150.0	142.5	138.0
127.5°	261.0	246.0	232.5	226.5	219.0	204.0	190.5	180.0	171.0	162.0	154.5
130°	282.0	270.0	256.5	250.5	243.0	226.5	214.5	204.0	193.5	183.0	175.5
132.5°	306.0	291.0	279.0	273.0	265.5	250.5	238.5	226.5	217.5	207.0	198.0
135°	325.5	313.5	300.0	294.0	288.0	274.5	262.5	250.5	240.0	231.0	223.5
137.5°	346.5	333.0	321.0	316.5	309.0	295.5	286.5	274.5	264.0	253.5	246.0
140°	366.0	352.5	340.5	336.0	330.0	318.0	306.0	297.0	286.5	277.5	270.0
142.5°	385.5	369.0	360.0	355.5	349.5	337.5	327.0	319.5	310.5	301.5	294.0
145°	403.5	391.5	376.5	373.5	369.0	357.0	348.0	340.5	333.0	324.0	316.5
147.5°	418.5	408.0	397.5	394.5	390.0	378.0	367.5	361.5	354.0	346.5	339.0
150°	435.0	424.5	415.5	412.5	408.0	400.5	390.0	379.5	375.0	366.0	360.0
152.5°	450.0	439.5	430.5	429.0	424.5	417.0	408.0	400.5	397.5	390.0	379.5
155°	463.5	453.0	445.5	444.0	441.0	433.5	426.0	418.5	415.5	408.0	402.0
157.5°	475.5	465.0	459.0	457.5	454.5	448.5	441.0	433.5	432.0	426.0	421.5
160°	487.5	477.0	472.5	471.0	468.0	463.5	457.5	450.0	450.0	444.0	439.5
162.5°	496.5	489.0	484.5	481.5	480.0	477.0	471.0	465.0	465.0	460.5	456.0
165°	507.0	498.0	495.0	493.5	492.0	489.0	484.5	478.5	478.5	475.5	471.0
167.5°	514.5	507.0	504.0	502.5	501.0	499.5	496.5	490.5	490.5	489.0	484.5
170°	520.5	514.5	511.5	510.0	510.0	508.5	507.0	502.5	502.5	501.0	496.5
172.5°	526.5	520.5	519.0	519.0	517.5	517.5	516.0	511.5	511.5	513.0	508.5
175°	531.0	525.0	525.0	523.5	525.0	525.0	523.5	520.5	522.0	523.5	520.5
177.5°	532.5	529.5	529.5	529.5	529.5	531.0	531.0	526.5	529.5	532.5	528.0
180°	537.0	537.0	537.0	537.0	537.0	537.0	537.0	537.0	537.0	537.0	537.0



TEST NUMBER: P303086

CATALOG NUMBER: CTW-F-2575-40L835-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	1674.0	1674.0	1674.0	1674.0	1674.0	1674.0	1674.0	1674.0
2.5°	1672.5	1669.5	1668.0	1668.0	1669.5	1660.5	1653.0	1651.5
5°	1662.0	1659.0	1657.5	1657.5	1660.5	1654.5	1648.5	1647.0
7.5°	1647.0	1645.5	1642.5	1644.0	1648.5	1642.5	1636.5	1636.5
10°	1627.5	1626.0	1623.0	1624.5	1627.5	1621.5	1615.5	1615.5
12.5°	1603.5	1599.0	1597.5	1599.0	1602.0	1596.0	1590.0	1591.5
15°	1575.0	1572.0	1570.5	1572.0	1575.0	1569.0	1561.5	1563.0
17.5°	1543.5	1539.0	1539.0	1540.5	1542.0	1534.5	1527.0	1527.0
20°	1504.5	1500.0	1500.0	1501.5	1501.5	1492.5	1488.0	1488.0
22.5°	1461.0	1456.5	1455.0	1458.0	1458.0	1450.5	1446.0	1444.5
25°	1417.5	1410.0	1410.0	1413.0	1411.5	1405.5	1399.5	1398.0
27.5°	1372.5	1363.5	1366.5	1366.5	1365.0	1356.0	1351.5	1350.0
30°	1323.0	1315.5	1314.0	1317.0	1312.5	1305.0	1302.0	1299.0
32.5°	1272.0	1264.5	1266.0	1264.5	1261.5	1254.0	1248.0	1248.0
35°	1219.5	1210.5	1213.5	1212.0	1206.0	1201.5	1197.0	1194.0
37.5°	1164.0	1156.5	1159.5	1156.5	1152.0	1147.5	1141.5	1140.0
40°	1107.0	1104.0	1104.0	1101.0	1096.5	1090.5	1089.0	1084.5
42.5°	1050.0	1048.5	1048.5	1044.0	1039.5	1035.0	1032.0	1030.5
45°	994.5	990.0	993.0	988.5	982.5	978.0	975.0	973.5
47.5°	937.5	933.0	933.0	930.0	924.0	921.0	918.0	918.0
50°	880.5	874.5	873.0	871.5	867.0	864.0	859.5	861.0
52.5°	822.0	819.0	817.5	813.0	808.5	805.5	804.0	805.5
55°	763.5	760.5	757.5	754.5	750.0	747.0	744.0	745.5
57.5°	705.0	699.0	699.0	694.5	691.5	688.5	685.5	685.5
60°	645.0	642.0	639.0	636.0	633.0	630.0	630.0	627.0
62.5°	585.0	582.0	579.0	574.5	573.0	570.0	571.5	568.5
65°	525.0	520.5	520.5	516.0	514.5	511.5	513.0	511.5
67.5°	465.0	462.0	460.5	457.5	454.5	453.0	453.0	453.0
70°	405.0	402.0	400.5	400.5	396.0	391.5	394.5	393.0
72.5°	342.0	340.5	337.5	336.0	333.0	331.5	333.0	331.5
75°	283.5	282.0	280.5	279.0	274.5	274.5	276.0	274.5
77.5°	225.0	223.5	222.0	223.5	217.5	217.5	217.5	216.0
80°	168.0	166.5	163.5	165.0	162.0	159.0	159.0	162.0
82.5°	108.0	108.0	105.0	105.0	105.0	100.5	102.0	103.5
85°	55.5	55.5	54.0	55.5	51.0	51.0	51.0	49.5
87.5°	12.0	12.0	10.5	12.0	10.5	10.5	10.5	12.0
90°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
92.5°	7.5	7.5	7.5	9.0	7.5	7.5	7.5	7.5
95°	18.0	19.5	19.5	19.5	18.0	18.0	18.0	16.5
97.5°	30.0	30.0	30.0	30.0	28.5	28.5	28.5	27.0
100°	39.0	40.5	40.5	40.5	40.5	40.5	40.5	39.0
102.5°	48.0	48.0	48.0	49.5	49.5	49.5	49.5	48.0
105°	54.0	55.5	55.5	57.0	58.5	58.5	58.5	57.0
107.5°	64.5	64.5	64.5	64.5	64.5	66.0	64.5	64.5
110°	78.0	76.5	76.5	76.5	75.0	75.0	75.0	75.0



TEST NUMBER: P303086

CATALOG NUMBER: CTW-F-2575-40L835-UNV-STD-6

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
112.5°	91.5	91.5	91.5	91.5	91.5	90.0	90.0	90.0
115°	99.0	102.0	102.0	102.0	102.0	102.0	103.5	103.5
117.5°	106.5	108.0	109.5	109.5	111.0	111.0	112.5	112.5
120°	114.0	115.5	115.5	117.0	117.0	117.0	118.5	118.5
122.5°	123.0	123.0	123.0	123.0	124.5	123.0	124.5	124.5
125°	135.0	133.5	133.5	132.0	132.0	130.5	130.5	130.5
127.5°	150.0	147.0	145.5	144.0	142.5	141.0	139.5	139.5
130°	169.5	163.5	162.0	160.5	156.0	154.5	153.0	153.0
132.5°	190.5	186.0	183.0	180.0	175.5	172.5	171.0	169.5
135°	216.0	210.0	205.5	202.5	198.0	193.5	190.5	190.5
137.5°	238.5	232.5	229.5	226.5	222.0	217.5	216.0	214.5
140°	262.5	256.5	253.5	250.5	246.0	241.5	238.5	238.5
142.5°	285.0	279.0	277.5	274.5	270.0	265.5	264.0	262.5
145°	309.0	303.0	300.0	298.5	294.0	289.5	286.5	286.5
147.5°	331.5	325.5	324.0	321.0	318.0	312.0	310.5	309.0
150°	354.0	348.0	346.5	345.0	342.0	336.0	333.0	333.0
152.5°	375.0	369.0	367.5	367.5	364.5	360.0	357.0	355.5
155°	397.5	393.0	391.5	391.5	388.5	382.5	378.0	378.0
157.5°	417.0	412.5	411.0	411.0	408.0	405.0	403.5	403.5
160°	436.5	432.0	430.5	430.5	429.0	426.0	424.5	424.5
162.5°	453.0	450.0	448.5	448.5	448.5	445.5	442.5	444.0
165°	469.5	465.0	465.0	463.5	465.0	462.0	460.5	462.0
167.5°	481.5	480.0	478.5	478.5	478.5	477.0	477.0	477.0
170°	495.0	493.5	493.5	492.0	492.0	492.0	489.0	490.5
172.5°	507.0	505.5	505.5	505.5	505.5	504.0	501.0	502.5
175°	519.0	517.5	517.5	517.5	517.5	516.0	511.5	511.5
177.5°	529.5	529.5	528.0	528.0	528.0	525.0	519.0	520.5
180°	537.0	537.0	537.0	537.0	537.0	537.0	537.0	537.0

(END OF REPORT)