

Scaled data based on original data using

LM-41-14 Approved Method for Photometric Testing Of Indoor Fluorescent Luminaires

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P148941

Luminaire Tested: **TLM-E02-LED-E1-RW-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P148941
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33677)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: TLM-E02-LED-E1-RW-7050
Description: TALON MEDIUM LED SITE LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - RECTANGULAR WIDE
Light Source: (42) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

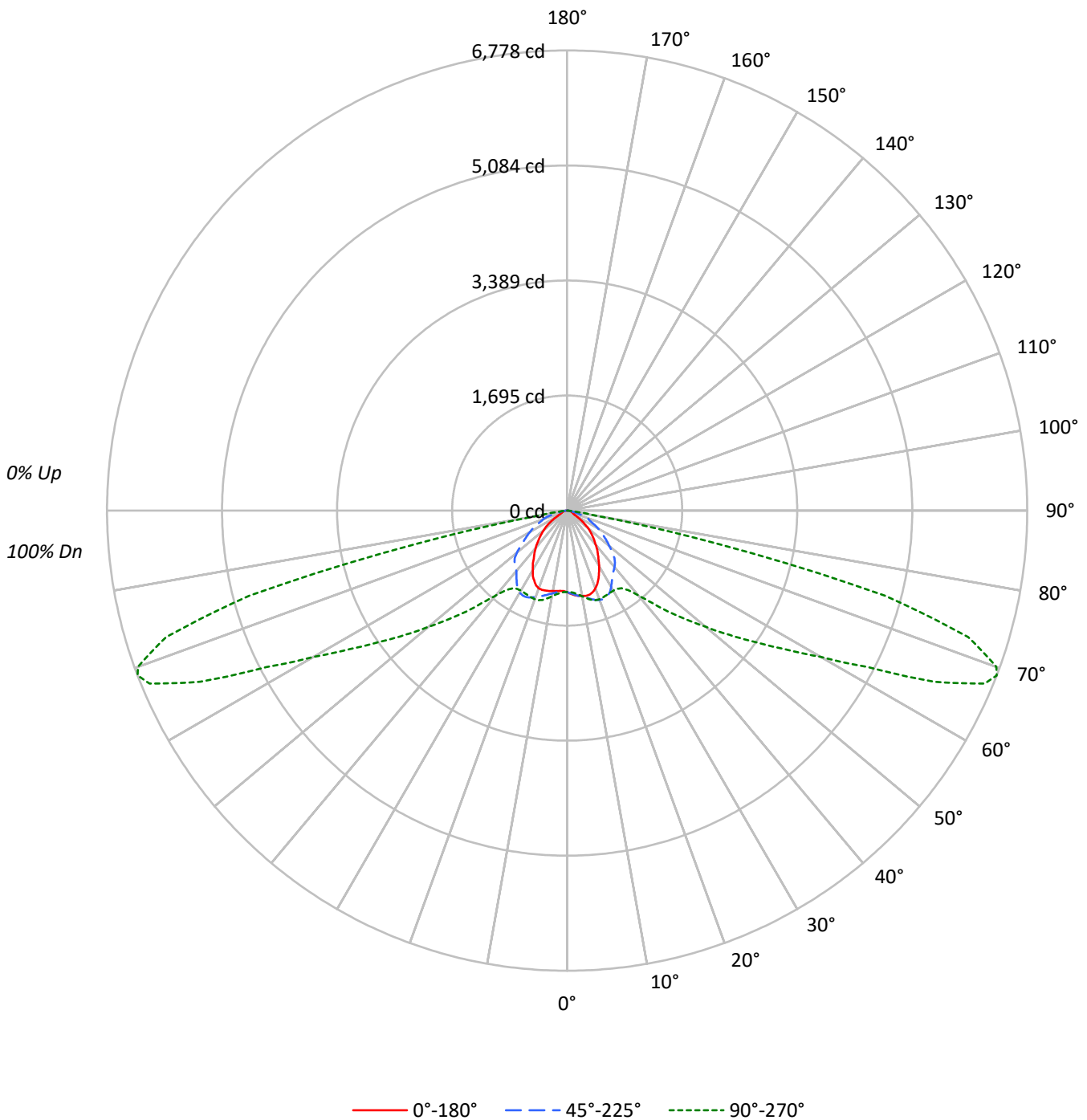
Lumens per Lamp: N/A
Luminaire Lumens: 6411.0 lumens
Efficiency: N/A
Efficacy: 123.1 lumens/watt
Spacing Criteria (0/90/45): 1.2 / 3.07 / 1.6
Luminous Opening: Rectangular (W 0.33' x L: 1' x H: 0')
CIE Type: Direct

Input Watts (W): 52.1
Input Voltage (V): NR
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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CATALOG NUMBER: TLM-E02-LED-E1-RW-7050

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	50	30	10	50	30	10	0		
RCR																										
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100					100			
1	106	101	95	91	104	98	93	89	94	90	86	90	87	84	86	84	81	79					79			
2	94	84	76	69	91	82	75	68	79	72	66	75	70	65	72	67	63	61					61			
3	84	72	62	54	81	70	61	54	67	59	52	64	57	51	61	55	51	48					48			
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	47	41	39					39			
5	69	54	44	36	67	53	43	36	51	42	35	49	41	35	47	40	35	32					32			
6	63	48	38	31	61	47	37	30	45	36	30	43	36	30	42	35	29	27					27			
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	38	31	25	23					23			
8	54	39	29	23	52	38	29	23	37	29	23	35	28	23	34	27	22	20					20			
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18					18			
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16					16			

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	39181	39181	39181
5°	40922	39890	38862
10°	42322	42458	39898
15°	43288	45946	41164
20°	42244	48224	42337
25°	39416	49411	41187
30°	35479	51298	38105
35°	31517	55595	34077
40°	27787	69179	30700
45°	24296	96939	26824
50°	20445	135138	23013
55°	14746	191786	18090
60°	8794	280834	10797
65°	7919	460127	7919
70°	8087	641686	8221
75°	8620	610722	9049
80°	8735	78648	9505
85°	5614	19723	7934



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	117.8	1.8
10°-20°	371.7	5.8
20°-30°	602.2	9.4
30°-40°	750.5	11.7
40°-50°	937.8	14.6
50°-60°	1158.0	18.1
60°-70°	1438.9	22.4
70°-80°	955.2	14.9
80°-90°	78.9	1.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1091.7	17.0
0°-40°	1842.2	28.7
0°-60°	3938.0	61.4
0°-90°	6411.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6411.0	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	1201	1201	1201	1201	1201	
5°	1250	1242	1218	1199	1187	120
15°	1282	1348	1361	1294	1219	359
25°	1095	1395	1373	1408	1144	500
35°	792	1166	1396	1297	856	496
45°	527	982	2102	1096	582	406
55°	259	664	3372	778	318	231
65°	103	385	5962	490	103	103
75°	68	152	4846	198	72	71
85°	15	29	53	38	21	19
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	70°	71°	72°
0°	1201.2	1201.2	1201.2	1201.2	1201.2	1201.2	1201.2	1201.2	1201.2	1201.2	1201.2
2.5°	1228.6	1232.7	1228.6	1228.6	1225.2	1221.7	1219.7	1214.9	1212.2	1210.8	1210.8
5°	1249.8	1249.1	1249.8	1249.8	1246.4	1242.3	1239.5	1235.4	1231.3	1230.6	1230.0
7.5°	1265.5	1264.8	1266.9	1271.0	1269.0	1265.5	1265.5	1261.4	1258.7	1258.7	1257.3
10°	1277.8	1278.5	1282.6	1288.8	1290.2	1289.5	1294.3	1292.9	1291.5	1292.9	1291.5
12.5°	1286.1	1286.7	1292.2	1303.8	1311.4	1316.2	1328.5	1329.1	1329.8	1329.8	1329.8
15°	1281.9	1281.9	1292.9	1314.8	1333.3	1347.6	1363.4	1366.1	1363.4	1365.4	1364.0
17.5°	1258.0	1259.4	1277.2	1310.7	1348.3	1379.8	1396.9	1392.1	1387.3	1387.3	1385.2
20°	1217.0	1219.7	1243.6	1290.8	1350.4	1400.3	1427.0	1411.2	1398.2	1396.2	1394.1
22.5°	1166.3	1164.3	1193.0	1252.5	1334.6	1409.2	1445.4	1426.3	1403.0	1398.2	1394.8
25°	1095.2	1096.6	1126.7	1193.0	1294.9	1394.8	1450.9	1441.3	1414.0	1407.8	1400.3
27.5°	1017.2	1020.6	1052.8	1120.5	1233.4	1359.2	1444.8	1456.4	1435.2	1428.3	1421.5
30°	942.0	944.0	980.3	1052.8	1157.4	1296.3	1428.3	1472.8	1461.9	1456.4	1450.2
32.5°	861.9	868.8	900.2	982.3	1097.2	1227.2	1403.0	1489.9	1494.0	1490.6	1487.2
35°	791.5	796.9	832.5	918.7	1039.1	1165.7	1372.2	1508.4	1536.4	1535.7	1535.1
37.5°	727.9	729.2	766.8	854.4	981.6	1122.6	1340.1	1538.5	1588.4	1595.3	1603.5
40°	652.6	659.4	698.4	792.8	924.9	1085.6	1312.7	1578.8	1660.9	1676.0	1687.6
42.5°	592.4	592.4	627.3	721.0	857.8	1043.2	1303.2	1629.5	1747.1	1767.6	1788.2
45°	526.7	528.8	562.3	647.8	781.2	981.6	1301.8	1685.5	1843.6	1873.0	1898.3
47.5°	464.5	465.9	501.4	584.2	701.9	896.8	1284.7	1747.8	1944.8	1987.2	2015.3
50°	402.9	400.9	435.1	519.2	631.4	809.3	1230.0	1828.5	2070.7	2113.1	2145.2
52.5°	327.0	332.5	369.4	449.4	562.3	734.7	1118.5	1907.9	2200.7	2248.5	2292.3
55°	259.3	258.6	300.3	372.8	487.7	664.2	986.4	1964.0	2327.2	2382.6	2431.2
57.5°	186.1	188.1	223.7	295.5	410.4	601.3	886.6	1954.4	2425.0	2490.7	2552.3
60°	134.8	138.9	165.5	218.2	327.7	528.8	816.8	1843.6	2492.1	2581.7	2656.2
62.5°	113.6	117.0	140.2	169.0	253.1	452.9	749.1	1665.7	2578.9	2697.3	2805.4
65°	102.6	105.3	128.6	145.0	194.3	385.1	706.6	1539.8	2693.2	2873.1	3020.9
67.5°	92.3	96.5	117.0	129.3	164.9	344.1	694.3	1520.7	2715.1	2953.1	3163.1
69°	87.6	91.7	110.1	121.1	155.3	331.1	671.1	1451.6	2572.1	2827.9	3063.3
70°	84.8	88.2	104.7	116.3	152.5	318.8	638.2	1350.4	2420.2	2678.1	2931.2
72.5°	78.0	80.0	93.7	105.3	140.2	244.9	483.6	975.5	1806.6	2061.8	2310.1
75°	68.4	70.5	82.8	94.4	108.8	151.9	293.5	578.7	1108.9	1280.6	1529.6
77.5°	58.8	60.9	71.1	88.9	86.2	99.2	179.2	346.1	581.5	667.0	826.4
80°	46.5	49.3	59.5	85.5	71.8	78.7	131.3	255.8	353.7	389.2	431.0
82.5°	32.8	34.2	45.1	68.4	54.0	59.5	98.5	212.7	283.9	309.9	322.2
85°	15.0	15.7	26.7	40.4	32.2	28.7	52.7	136.1	188.1	195.6	206.6
87.5°	0.0	0.0	2.7	2.7	5.5	3.4	6.2	17.1	28.7	28.7	34.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°	83°
0°	1201.2	1201.2	1201.2	1201.2	1201.2	1201.2	1201.2	1201.2	1201.2	1201.2	1201.2
2.5°	1211.5	1210.8	1211.5	1211.5	1212.2	1209.4	1208.8	1208.1	1207.4	1208.1	1206.7
5°	1230.0	1229.3	1229.3	1230.0	1229.3	1227.2	1226.5	1226.5	1224.5	1223.8	1223.8
7.5°	1258.0	1256.6	1254.6	1256.0	1256.6	1256.0	1256.6	1254.6	1254.6	1252.5	1253.2
10°	1292.9	1291.5	1290.8	1292.2	1292.9	1292.2	1292.9	1290.2	1289.5	1288.8	1287.4
12.5°	1331.2	1328.5	1330.5	1330.5	1331.2	1333.9	1330.5	1331.9	1329.1	1329.1	1328.5
15°	1364.7	1364.0	1365.4	1365.4	1364.7	1366.8	1366.1	1366.8	1363.4	1362.0	1365.4
17.5°	1385.9	1383.9	1384.6	1383.9	1383.9	1383.9	1385.2	1385.2	1383.2	1382.5	1383.9
20°	1391.4	1388.0	1387.3	1386.6	1385.2	1385.2	1385.9	1384.6	1383.2	1381.8	1383.2
22.5°	1390.0	1385.9	1381.8	1379.8	1377.7	1375.0	1374.3	1372.9	1370.9	1370.9	1371.6
25°	1394.8	1387.3	1381.1	1377.0	1371.6	1368.1	1365.4	1362.0	1358.6	1356.5	1357.2
27.5°	1411.2	1403.0	1394.8	1386.6	1378.4	1371.6	1366.1	1359.9	1354.5	1350.4	1348.3
30°	1442.0	1431.1	1421.5	1411.9	1401.7	1392.1	1383.2	1373.6	1363.4	1357.2	1351.7
32.5°	1477.6	1470.1	1463.9	1453.0	1442.0	1430.4	1419.4	1411.2	1396.2	1384.6	1375.0
35°	1531.6	1528.9	1525.5	1517.3	1505.0	1498.8	1489.9	1476.9	1459.1	1448.9	1434.5
37.5°	1606.2	1606.9	1604.1	1600.7	1602.1	1590.5	1585.0	1583.6	1565.8	1559.0	1537.8
40°	1697.9	1708.1	1717.0	1717.0	1723.9	1724.5	1723.2	1734.8	1721.8	1724.5	1702.0
42.5°	1799.8	1824.4	1838.1	1848.4	1870.9	1881.2	1898.3	1923.6	1925.0	1938.0	1939.3
45°	1920.2	1947.5	1973.5	2000.2	2030.3	2065.9	2101.5	2127.5	2168.5	2177.4	2206.8
47.5°	2045.4	2085.0	2115.1	2149.3	2200.7	2246.5	2299.2	2352.5	2399.7	2433.2	2452.4
50°	2183.6	2223.9	2267.7	2306.0	2360.7	2425.0	2498.2	2571.4	2632.3	2691.8	2739.7
52.5°	2336.8	2381.2	2422.3	2472.2	2527.6	2604.3	2684.3	2784.9	2866.3	2947.7	3006.5
55°	2483.9	2533.8	2571.4	2635.0	2692.5	2771.2	2870.4	2989.4	3102.3	3200.8	3280.8
57.5°	2611.8	2661.0	2713.7	2768.4	2838.2	2916.9	3038.6	3174.1	3302.7	3432.0	3550.3
60°	2731.5	2797.8	2855.3	2927.8	2997.6	3088.6	3233.6	3401.2	3577.0	3737.8	3856.1
62.5°	2912.1	2996.9	3064.6	3154.2	3251.4	3358.8	3518.9	3703.6	3932.7	4140.0	4324.0
65°	3164.5	3294.5	3403.9	3514.1	3632.4	3780.2	3953.2	4187.9	4441.0	4747.4	4990.3
67.5°	3344.4	3507.2	3648.8	3787.0	3923.1	4086.6	4300.7	4575.7	4903.4	5225.6	5534.1
69°	3271.9	3444.3	3601.6	3739.1	3882.8	4046.3	4254.9	4556.6	4890.4	5244.8	5550.5
70°	3119.4	3305.4	3473.7	3605.1	3752.1	3914.3	4144.8	4432.8	4773.4	5140.1	5439.7
72.5°	2508.5	2704.8	2871.0	3016.8	3170.7	3360.8	3566.1	3842.4	4220.0	4579.2	4846.0
75°	1728.0	1911.3	2099.4	2208.2	2384.7	2520.1	2715.1	2998.3	3313.6	3577.7	3824.6
77.5°	977.5	1076.0	1218.3	1262.8	1389.3	1479.6	1582.9	1757.4	1921.6	2074.8	2119.2
80°	444.6	415.2	429.6	407.7	431.6	416.6	399.5	409.1	407.0	437.8	409.1
82.5°	320.1	276.4	229.8	198.4	174.4	147.8	125.9	112.9	111.5	117.0	114.9
85°	204.5	186.8	146.4	117.7	90.3	69.8	58.1	52.7	52.7	56.1	55.4
87.5°	35.6	30.8	19.2	16.4	14.4	9.6	6.2	6.2	5.5	6.8	8.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	84°	85°	86°	87°	88°	89°	90°	91°	92°	93°	94°
0°	1201.2	1201.2	1201.2	1201.2	1201.2	1201.2	1201.2	1201.2	1201.2	1201.2	1201.2
2.5°	1206.7	1206.0	1204.6	1204.0	1204.0	1202.6	1201.9	1203.3	1204.0	1204.6	1202.6
5°	1223.8	1221.7	1221.1	1221.7	1218.3	1219.0	1218.3	1219.0	1219.0	1219.0	1217.6
7.5°	1251.2	1249.1	1250.5	1249.1	1247.1	1246.4	1246.4	1244.3	1241.6	1240.9	1241.6
10°	1288.8	1286.1	1286.7	1287.4	1285.4	1284.0	1281.9	1279.2	1279.2	1278.5	1277.2
12.5°	1329.1	1327.8	1327.8	1328.5	1327.8	1325.0	1322.3	1320.9	1320.3	1320.3	1320.3
15°	1364.0	1363.4	1364.0	1363.4	1363.4	1362.0	1360.6	1358.6	1357.9	1358.6	1359.2
17.5°	1383.9	1381.8	1383.9	1384.6	1383.9	1383.9	1383.9	1382.5	1381.8	1381.8	1382.5
20°	1385.2	1383.9	1385.2	1387.3	1387.3	1388.0	1389.3	1390.0	1389.3	1390.7	1391.4
22.5°	1371.6	1371.6	1373.6	1375.7	1379.1	1380.5	1383.2	1384.6	1385.9	1388.0	1389.3
25°	1357.9	1357.2	1359.2	1363.4	1366.1	1369.5	1372.9	1375.7	1378.4	1381.1	1383.9
27.5°	1348.3	1347.6	1349.0	1352.4	1355.8	1359.9	1365.4	1369.5	1372.9	1376.3	1378.4
30°	1349.0	1346.3	1345.6	1348.3	1351.7	1356.5	1362.0	1366.8	1371.6	1374.3	1376.3
32.5°	1368.8	1362.0	1359.2	1358.6	1359.9	1363.4	1367.5	1372.2	1375.7	1378.4	1379.1
35°	1420.1	1407.1	1404.4	1395.5	1396.9	1396.2	1396.2	1398.9	1401.7	1401.7	1396.9
37.5°	1524.1	1505.6	1492.6	1483.7	1474.9	1474.2	1472.8	1471.4	1464.6	1460.5	1459.8
40°	1686.2	1678.7	1654.1	1647.2	1632.2	1621.9	1624.7	1619.2	1602.8	1596.6	1593.9
42.5°	1922.9	1927.0	1913.3	1881.2	1868.2	1848.4	1831.9	1829.2	1814.2	1801.8	1792.3
45°	2200.7	2208.2	2197.9	2174.7	2151.4	2121.3	2101.5	2063.2	2048.1	2029.0	2016.0
47.5°	2485.9	2506.4	2490.0	2469.5	2456.5	2409.3	2368.3	2323.8	2301.2	2273.8	2261.5
50°	2769.1	2805.4	2795.8	2776.6	2762.3	2702.8	2663.1	2601.5	2588.5	2561.2	2546.1
52.5°	3052.3	3087.9	3109.1	3091.3	3081.1	3033.2	3005.8	2956.6	2919.6	2902.5	2901.8
55°	3338.3	3395.7	3429.2	3423.1	3406.0	3399.8	3372.5	3367.7	3338.9	3320.5	3295.9
57.5°	3618.0	3678.9	3737.1	3771.3	3785.6	3780.9	3793.9	3792.5	3796.6	3794.5	3754.2
60°	3973.8	4070.2	4155.0	4209.1	4260.4	4296.0	4304.9	4357.5	4342.5	4375.3	4312.4
62.5°	4475.9	4601.1	4729.7	4786.4	4849.4	4965.0	4992.3	5054.6	5064.2	5072.4	5038.9
65°	5175.7	5339.9	5534.1	5621.0	5719.5	5868.0	5961.7	6028.0	6026.0	5980.8	5937.7
67.5°	5772.9	5967.1	6145.7	6296.9	6443.9	6559.6	6658.1	6747.7	6752.5	6724.4	6650.5
69°	5824.2	6027.3	6221.6	6403.6	6549.3	6677.9	6777.8	6847.5	6862.6	6838.0	6769.6
70°	5729.1	5934.3	6145.7	6320.1	6485.0	6621.1	6728.5	6795.6	6816.1	6790.8	6726.5
72.5°	5144.2	5343.3	5501.3	5706.5	5941.2	6026.7	6192.2	6246.9	6297.6	6264.0	6225.7
75°	4029.9	4217.3	4380.8	4487.5	4594.9	4806.3	4846.0	4948.6	4983.5	4950.6	4993.0
77.5°	2099.4	2226.0	2280.7	2195.2	2208.2	2375.1	2280.7	2391.5	2455.1	2473.6	2500.3
80°	401.5	422.1	437.8	432.3	437.8	450.1	418.7	401.5	424.1	419.3	419.3
82.5°	118.3	116.3	116.3	122.4	121.8	124.5	124.5	119.7	123.1	123.1	123.8
85°	54.0	51.3	50.6	51.3	50.6	50.6	52.7	52.7	56.8	53.4	54.0
87.5°	6.8	6.2	6.8	6.8	5.5	5.5	6.2	6.8	6.8	6.2	6.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	95°	96°	97°	98°	99°	100°	105°	115°	125°	135°	145°
0°	1201.2	1201.2	1201.2	1201.2	1201.2	1201.2	1201.2	1201.2	1201.2	1201.2	1201.2
2.5°	1201.9	1201.2	1201.2	1201.2	1200.5	1199.9	1199.2	1197.1	1195.1	1194.4	1191.0
5°	1214.9	1215.6	1214.2	1212.9	1212.9	1212.9	1210.8	1205.3	1201.2	1199.2	1194.4
7.5°	1242.3	1240.9	1238.9	1238.2	1236.8	1237.5	1233.4	1226.5	1219.0	1214.2	1206.7
10°	1278.5	1277.2	1275.8	1274.4	1272.4	1272.4	1267.6	1257.3	1245.7	1237.5	1223.8
12.5°	1320.9	1319.6	1318.2	1317.5	1314.1	1313.4	1306.6	1294.3	1279.2	1263.5	1243.6
15°	1359.9	1357.9	1357.2	1355.1	1353.1	1352.4	1346.3	1329.8	1311.4	1293.6	1267.6
17.5°	1384.6	1383.2	1381.1	1379.8	1379.1	1378.4	1369.5	1355.8	1341.5	1323.7	1292.2
20°	1392.8	1393.5	1392.1	1390.7	1388.7	1387.3	1379.1	1366.1	1363.4	1353.8	1321.6
22.5°	1391.4	1391.4	1390.7	1388.0	1386.6	1383.2	1371.6	1365.4	1380.5	1384.6	1343.5
25°	1385.9	1385.2	1383.2	1381.1	1377.0	1372.2	1354.5	1357.9	1400.3	1407.8	1348.3
27.5°	1379.8	1379.1	1375.7	1370.9	1364.7	1357.9	1335.3	1357.9	1418.8	1412.6	1328.5
30°	1376.3	1373.6	1368.8	1362.0	1353.8	1346.3	1321.6	1375.7	1431.8	1396.2	1273.7
32.5°	1377.0	1372.2	1365.4	1356.5	1346.9	1338.0	1320.9	1407.1	1436.5	1356.5	1196.4
35°	1393.5	1385.9	1377.0	1368.1	1358.6	1350.4	1351.7	1450.9	1435.9	1297.0	1121.9
37.5°	1453.0	1440.0	1433.8	1424.2	1410.6	1403.7	1431.1	1499.5	1426.3	1224.5	1056.2
40°	1584.3	1573.4	1564.5	1539.8	1544.6	1539.2	1565.2	1565.8	1414.0	1163.6	1001.5
42.5°	1775.8	1775.8	1756.7	1753.3	1740.3	1746.4	1758.1	1643.8	1401.7	1127.3	947.4
45°	2001.6	2018.7	2011.2	2009.1	2019.4	2031.7	1978.3	1736.2	1402.3	1095.9	884.5
47.5°	2269.7	2284.1	2291.6	2303.9	2316.9	2309.4	2199.3	1833.3	1414.7	1050.7	803.8
50°	2555.0	2589.9	2600.8	2616.6	2628.2	2630.3	2408.6	1933.2	1427.7	968.0	716.2
52.5°	2908.7	2941.5	2953.1	2964.1	2955.2	2947.7	2613.8	2051.5	1417.4	869.5	641.7
55°	3324.6	3330.7	3328.7	3315.0	3307.5	3266.4	2804.0	2177.4	1337.4	778.5	570.5
57.5°	3757.6	3760.3	3735.7	3687.8	3632.4	3593.4	2986.7	2281.4	1167.7	705.3	500.1
60°	4315.1	4259.0	4217.3	4144.1	4053.8	3970.3	3182.3	2339.5	1005.6	634.8	420.7
62.5°	4988.2	4876.1	4785.8	4711.9	4578.5	4431.4	3432.0	2347.0	907.1	567.8	330.4
65°	5859.7	5741.4	5587.5	5460.9	5316.6	5118.2	3834.9	2293.0	858.5	489.8	241.5
67.5°	6545.9	6426.2	6253.8	6112.2	5926.1	5694.9	4168.7	2198.6	846.9	419.3	190.2
69°	6665.6	6534.9	6379.6	6202.5	6004.8	5757.8	4181.7	2089.2	829.1	392.7	174.4
70°	6621.8	6485.7	6335.9	6147.7	5926.1	5672.3	4083.2	1967.4	793.5	377.6	169.0
72.5°	6130.6	5923.4	5772.9	5612.1	5342.6	5085.4	3515.4	1488.5	617.7	318.1	158.0
75°	4908.2	4731.0	4561.4	4481.3	4257.7	4039.4	2639.1	945.4	403.6	197.7	123.8
77.5°	2502.3	2470.2	2518.7	2482.5	2321.1	2321.1	1628.8	502.1	237.4	119.0	94.4
80°	449.4	468.6	459.7	478.8	445.3	494.6	572.6	337.2	168.3	91.0	77.3
82.5°	125.9	127.2	125.9	126.6	130.7	137.5	297.6	290.0	130.0	68.4	60.2
85°	58.8	59.5	60.9	60.9	66.4	67.7	199.7	208.0	75.9	37.6	40.4
87.5°	6.8	8.9	8.9	8.2	9.6	9.6	36.9	41.7	10.3	7.5	12.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P148941

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CANDELA DISTRIBUTION (continued):

	155°	165°	175°	180°
0°	1201.2	1201.2	1201.2	1201.2
2.5°	1188.2	1185.5	1182.8	1184.8
5°	1192.3	1188.2	1184.8	1186.9
7.5°	1203.3	1196.4	1195.8	1195.8
10°	1217.0	1207.4	1204.6	1204.6
12.5°	1231.3	1218.3	1213.5	1213.5
15°	1246.4	1227.9	1221.1	1219.0
17.5°	1263.5	1237.5	1225.2	1225.2
20°	1279.9	1238.9	1220.4	1219.7
22.5°	1282.6	1223.1	1196.4	1195.1
25°	1262.1	1186.2	1151.3	1144.4
27.5°	1213.5	1128.7	1091.8	1090.4
30°	1140.3	1053.5	1015.8	1011.7
32.5°	1068.5	976.2	941.3	941.3
35°	996.0	905.7	860.6	855.8
37.5°	929.0	831.1	790.8	790.1
40°	867.4	766.2	727.2	721.0
42.5°	805.8	697.8	653.3	651.9
45°	732.6	623.2	584.9	581.5
47.5°	654.7	556.1	515.8	515.1
50°	584.2	493.9	453.5	453.5
52.5°	519.9	433.0	392.7	388.6
55°	447.4	363.9	322.9	318.1
57.5°	368.7	286.6	249.7	239.4
60°	285.3	208.6	171.0	165.5
62.5°	208.0	152.5	124.5	120.4
65°	156.7	130.0	106.7	102.6
67.5°	134.8	117.0	97.1	93.0
69°	125.2	110.8	93.0	88.9
70°	121.1	106.7	89.6	86.2
72.5°	111.5	97.8	82.1	80.7
75°	101.9	88.9	73.9	71.8
77.5°	98.5	77.3	63.6	62.3
80°	100.6	62.9	52.0	50.6
82.5°	82.1	50.6	40.4	38.3
85°	51.3	34.2	21.2	21.2
87.5°	13.0	10.9	6.2	6.2
90°	0.0	0.0	0.0	0.0

(END OF REPORT)