

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: METALUX

Report Number: P232501

Luminaire Tested: **8SKB1-LD5-14-W-UNV-L835-CD2-U**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P232501  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1709-317-5)  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: METALUX  
Catalog Number: 8SKB1-LD5-14-W-UNV-L835-CD2-U  
Description: METALUX SKYBAR 8' WAVESTREAM STRIP  
WITH WIDE LENS  
Light Source: (476) 3500K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 13002.0 lumens  
Efficiency: N/A  
Efficacy: 123.4 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.48 / 1.44  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 8' x H: 0.29')  
CIE Type: Semi-Direct

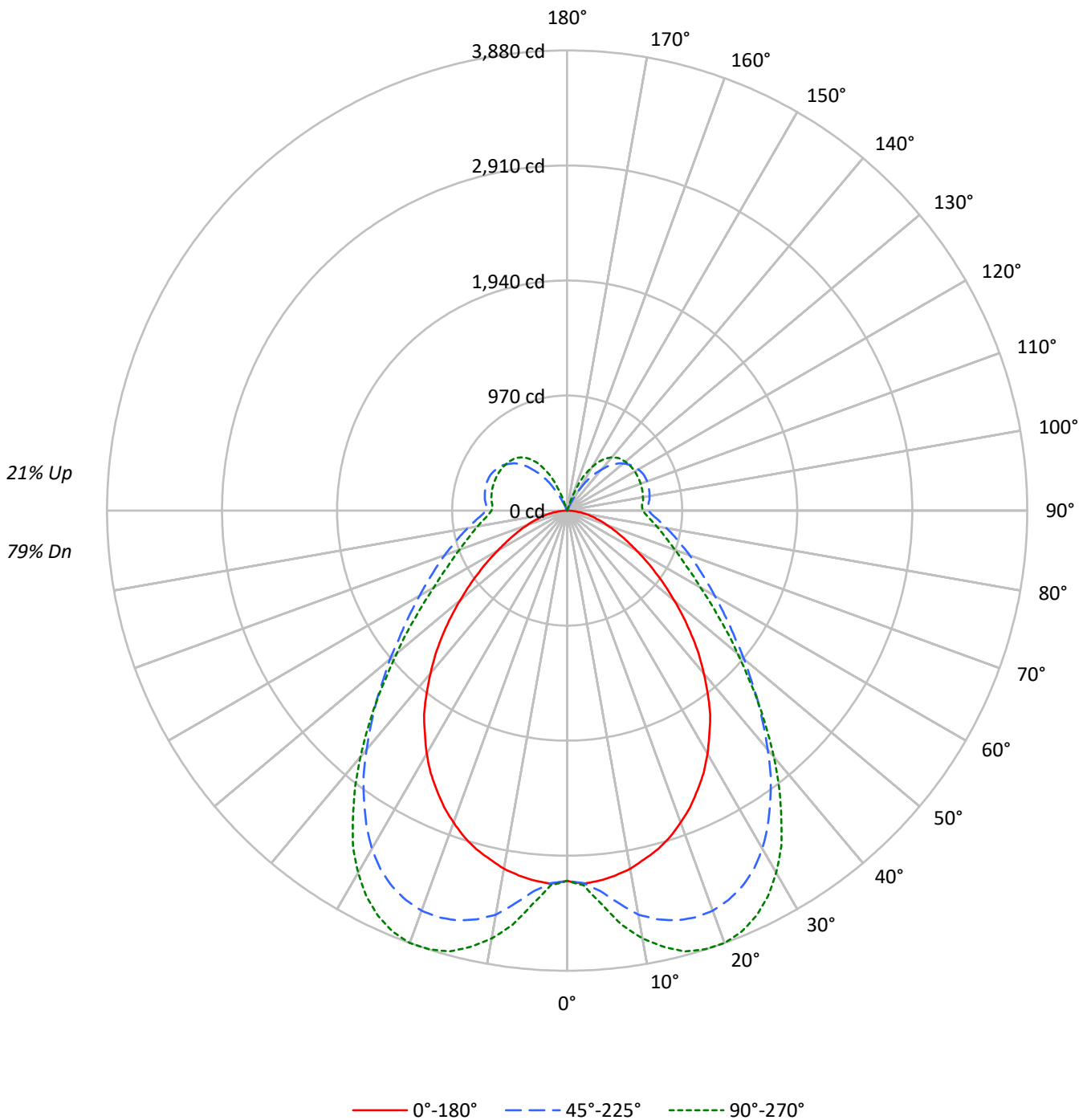
Input Watts (W): 105.4  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P232501

CATALOG NUMBER: 8SKB1-LD5-14-W-UNV-L835-CD2-U

### Luminous Intensity Polar Plot





TEST NUMBER: P232501

CATALOG NUMBER: 8SKB1-LD5-14-W-UNV-L835-CD2-U

**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	114	114	114	114	109	109	109	109	99	99	99	91	91	91	83	83	83	79
1	103	97	93	88	98	93	89	85	85	82	78	77	75	72	70	68	67	63
2	93	85	78	72	89	81	75	69	74	69	64	68	63	60	62	58	55	52
3	85	74	66	60	81	71	64	58	65	59	54	60	55	51	55	51	47	44
4	78	66	57	51	74	63	55	49	58	51	46	53	48	43	49	44	41	38
5	72	59	50	44	68	57	49	42	52	45	40	48	42	38	44	39	36	33
6	66	53	44	38	63	51	43	37	47	40	35	44	38	33	40	35	31	29
7	61	48	40	34	58	46	38	33	43	36	31	40	34	30	37	32	28	26
8	57	44	36	30	54	42	35	29	39	33	28	36	31	26	34	29	25	23
9	53	40	32	27	51	39	31	26	36	30	25	34	28	24	31	26	23	21
10	50	37	29	24	48	36	29	24	33	27	23	31	26	22	29	24	21	19

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	16807	16807	16807
5°	16867	16191	16326
10°	16652	16439	16604
15°	16313	16231	16335
20°	15823	15701	15599
25°	15188	14859	14505
30°	14408	13723	13089
35°	13478	12296	11380
40°	12212	10785	9626
45°	10890	9351	7981
50°	9453	8101	6576
55°	8088	7050	5469
60°	6853	6258	4618
65°	5875	5640	4032
70°	5135	5184	3617
75°	4484	4796	3319
80°	3842	4517	3120
85°	2851	4350	2972



TEST NUMBER: P232501

CATALOG NUMBER: 8SKB1-LD5-14-W-UNV-L835-CD2-U

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	315.2	2.4
10°-20°	991.2	7.6
20°-30°	1553.2	11.9
30°-40°	1778.6	13.7
40°-50°	1638.2	12.6
50°-60°	1344.4	10.3
60°-70°	1074.9	8.3
70°-80°	863.5	6.6
80°-90°	686.8	5.3
90°-100°	613.9	4.7
100°-110°	597.9	4.6
110°-120°	541.8	4.2
120°-130°	447.8	3.4
130°-140°	321.2	2.5
140°-150°	178.5	1.4
150°-160°	53.7	0.4
160°-170°	1.2	0.0
170°-180°	0.0	0.0
0°-30°	2859.6	22.0
0°-40°	4638.3	35.7
0°-60°	7620.9	58.6
0°-90°	10246.0	78.8
90°-120°	1753.5	13.5
90°-150°	2701.1	20.8
90°-180°	2756.0	21.2
0°-180°	13002.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	3123	3123	3123	3123	3123	
5°	3132	3164	3220	3330	3330	297
15°	2956	3256	3577	3802	3848	831
25°	2601	3097	3495	3742	3772	1196
35°	2104	2616	2986	3162	3147	1307
45°	1483	1975	2274	2334	2272	1144
55°	907	1419	1664	1621	1554	818
65°	497	1042	1251	1165	1109	500
75°	245	793	963	890	855	263
85°	65	600	756	709	690	71
90°	4	533	684	653	638	5
95°	2	529	688	653	634	2
105°	2	518	714	679	656	2
115°	2	468	712	692	660	2
125°	2	365	664	686	653	2
135°	2	133	552	641	623	1
145°	2	6	338	518	524	1
155°	2	2	52	241	303	1
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	0



TEST NUMBER: P232501

CATALOG NUMBER: 8SKB1-LD5-14-W-UNV-L835-CD2-U

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	3122.8	3122.8	3122.8	3122.8	3122.8	3122.8	3122.8	3122.8	3122.8	3122.8	3122.8
2.5°	3149.0	3135.9	3126.5	3135.9	3139.6	3143.4	3152.7	3150.8	3152.7	3149.0	3143.4
5°	3132.1	3120.9	3117.2	3135.9	3154.6	3163.9	3177.0	3190.1	3201.3	3216.3	3220.0
7.5°	3104.1	3098.5	3102.2	3135.9	3165.8	3188.2	3206.9	3240.6	3274.2	3307.9	3339.7
10°	3066.7	3062.9	3079.8	3130.3	3178.9	3210.7	3242.5	3304.2	3362.1	3414.5	3459.4
12.5°	3010.6	3019.9	3048.0	3115.3	3192.0	3236.8	3287.3	3364.0	3425.7	3485.5	3530.4
15°	2956.4	2962.0	3016.2	3096.6	3186.4	3255.5	3307.9	3405.1	3468.7	3530.4	3577.2
17.5°	2885.3	2898.4	2958.2	3072.3	3182.6	3244.3	3307.9	3384.6	3461.2	3532.3	3595.9
20°	2799.3	2827.3	2907.7	3033.0	3158.3	3220.0	3276.1	3369.6	3448.2	3517.3	3590.3
22.5°	2707.7	2739.4	2829.2	2978.8	3107.8	3169.5	3223.8	3326.6	3407.0	3476.2	3554.7
25°	2601.1	2642.2	2748.8	2909.6	3033.0	3096.6	3154.6	3259.3	3343.4	3412.6	3494.9
27.5°	2492.6	2539.4	2655.3	2818.0	2945.1	3005.0	3064.8	3169.5	3253.7	3322.9	3408.9
30°	2367.3	2417.8	2548.7	2705.8	2831.1	2896.5	2950.7	3053.6	3145.2	3206.9	3292.9
32.5°	2232.7	2290.7	2430.9	2582.4	2707.7	2769.4	2823.6	2922.7	3005.0	3070.4	3149.0
35°	2103.7	2150.4	2292.5	2440.3	2559.9	2616.0	2679.6	2775.0	2847.9	2915.2	2986.3
37.5°	1948.5	2004.6	2148.5	2288.8	2408.5	2468.3	2520.7	2608.6	2675.9	2739.4	2819.9
40°	1791.4	1853.1	2002.7	2128.0	2251.4	2298.1	2350.5	2430.9	2494.5	2573.0	2631.0
42.5°	1643.7	1701.6	1843.8	1970.9	2086.8	2133.6	2184.1	2268.2	2322.5	2389.8	2447.7
45°	1482.9	1542.7	1694.2	1813.8	1924.2	1974.6	2027.0	2096.2	2157.9	2212.1	2273.8
47.5°	1329.5	1400.6	1546.4	1658.6	1770.8	1817.6	1862.5	1935.4	1997.1	2055.1	2098.1
50°	1178.1	1254.7	1396.8	1518.4	1625.0	1671.7	1716.6	1789.5	1853.1	1903.6	1948.5
52.5°	1039.7	1120.1	1265.9	1393.1	1488.5	1537.1	1582.0	1653.0	1716.6	1763.3	1793.3
55°	906.9	996.7	1148.1	1271.6	1366.9	1419.3	1454.8	1529.6	1593.2	1636.2	1664.2
57.5°	791.0	890.1	1034.1	1161.2	1260.3	1307.1	1350.1	1421.1	1481.0	1522.1	1544.6
60°	676.9	787.2	936.8	1060.3	1161.2	1206.1	1252.9	1323.9	1380.0	1417.4	1438.0
62.5°	581.5	697.5	852.7	972.4	1075.2	1120.1	1161.2	1232.3	1286.5	1323.9	1340.7
65°	497.4	618.9	776.0	895.7	994.8	1041.6	1084.6	1157.5	1208.0	1243.5	1251.0
67.5°	424.5	547.9	706.8	824.6	927.5	970.5	1013.5	1086.4	1135.0	1165.0	1170.6
70°	359.0	484.3	643.3	761.1	862.0	908.8	951.8	1017.2	1067.7	1092.0	1099.5
72.5°	299.2	430.1	583.4	705.0	805.9	848.9	890.1	959.3	1006.0	1028.5	1026.6
75°	245.0	379.6	532.9	652.6	748.0	792.9	834.0	901.3	948.1	966.8	963.0
77.5°	198.2	336.6	484.3	600.2	697.5	742.4	779.8	847.1	890.1	910.7	906.9
80°	149.6	289.8	437.6	551.6	648.9	690.0	731.1	794.7	837.7	858.3	848.9
82.5°	108.5	246.8	394.6	506.8	602.1	645.1	682.5	748.0	789.1	805.9	800.3
85°	65.4	203.8	347.8	463.7	559.1	600.2	641.4	703.1	744.2	761.1	755.5
87.5°	28.0	164.6	308.5	424.5	519.8	561.0	600.2	662.0	701.2	718.1	712.4
90°	3.7	138.4	284.2	398.3	491.8	532.9	572.2	633.9	673.2	690.0	684.4
92.5°	1.9	132.8	276.7	390.8	484.3	527.3	564.7	628.3	669.4	684.4	682.5
95°	1.9	123.4	273.0	390.8	486.2	529.2	568.5	632.0	673.2	690.0	688.1
97.5°	1.9	110.3	267.4	388.9	488.1	532.9	572.2	639.5	682.5	701.2	699.4
100°	1.9	89.8	256.2	383.3	484.3	531.1	570.3	639.5	684.4	705.0	705.0
102.5°	1.9	61.7	243.1	374.0	480.6	525.5	566.6	637.6	684.4	706.8	710.6
105°	1.9	37.4	226.3	362.8	471.2	518.0	561.0	633.9	682.5	708.7	714.3
107.5°	1.9	24.3	205.7	349.7	461.9	510.5	553.5	628.3	678.8	708.7	716.2
110°	1.9	20.6	179.5	334.7	448.8	497.4	542.3	620.8	673.2	706.8	718.1



TEST NUMBER: P232501

CATALOG NUMBER: 8SKB1-LD5-14-W-UNV-L835-CD2-U

**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	1.9	16.8	138.4	314.1	433.8	484.3	531.1	607.7	665.7	699.4	716.2
115°	1.9	13.1	89.8	289.8	415.1	467.5	514.2	594.6	652.6	691.9	712.4
117.5°	1.9	11.2	58.0	261.8	394.6	446.9	495.5	577.8	639.5	680.7	705.0
120°	1.9	9.3	24.3	224.4	368.4	424.5	473.1	555.4	620.8	665.7	693.7
122.5°	1.9	7.5	18.7	168.3	338.5	396.4	446.9	532.9	598.4	648.9	678.8
125°	1.9	7.5	15.0	108.5	301.1	364.6	418.9	506.8	575.9	628.3	663.8
127.5°	1.9	5.6	13.1	72.9	256.2	327.2	385.2	476.8	547.9	602.1	641.4
130°	1.9	5.6	11.2	31.8	190.7	280.5	344.1	441.3	516.1	574.1	617.1
132.5°	1.9	3.7	9.3	13.1	117.8	216.9	291.7	396.4	478.7	540.4	589.0
135°	1.9	3.7	7.5	11.2	78.5	132.8	228.1	345.9	430.1	495.5	551.6
137.5°	1.9	3.7	5.6	9.3	31.8	87.9	140.2	289.8	377.7	446.9	504.9
140°	1.9	3.7	5.6	7.5	9.3	41.1	95.4	220.7	319.8	394.6	450.7
142.5°	1.9	3.7	5.6	5.6	7.5	9.3	46.7	129.0	256.2	336.6	398.3
145°	1.9	1.9	3.7	5.6	5.6	5.6	7.5	87.9	166.4	273.0	338.5
147.5°	1.9	1.9	3.7	3.7	5.6	5.6	5.6	35.5	102.8	192.6	273.0
150°	1.9	1.9	3.7	3.7	3.7	3.7	3.7	3.7	52.4	104.7	185.1
152.5°	1.9	1.9	1.9	3.7	3.7	3.7	3.7	3.7	5.6	59.8	102.8
155°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	5.6	52.4
157.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
160°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232501

CATALOG NUMBER: 8SKB1-LD5-14-W-UNV-L835-CD2-U

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	3122.8	3122.8	3122.8	3122.8	3122.8	3122.8	3122.8	3122.8	3122.8	3122.8
2.5°	3152.7	3169.5	3177.0	3184.5	3186.4	3188.2	3184.5	3182.6	3169.5	3162.1
5°	3246.2	3287.3	3304.2	3328.5	3330.3	3332.2	3343.4	3337.8	3339.7	3330.3
7.5°	3382.7	3442.5	3468.7	3500.5	3508.0	3517.3	3536.0	3537.9	3536.0	3522.9
10°	3509.9	3560.3	3599.6	3629.5	3640.8	3648.2	3670.7	3676.3	3672.5	3663.2
12.5°	3586.5	3652.0	3691.2	3734.3	3745.5	3756.7	3775.4	3784.7	3773.5	3767.9
15°	3652.0	3721.2	3752.9	3799.7	3801.6	3822.1	3853.9	3857.7	3852.1	3848.3
17.5°	3668.8	3739.9	3786.6	3827.7	3842.7	3855.8	3874.5	3889.5	3891.3	3876.4
20°	3665.1	3732.4	3788.5	3831.5	3848.3	3857.7	3882.0	3893.2	3887.6	3880.1
22.5°	3635.1	3702.5	3758.6	3796.0	3810.9	3825.9	3848.3	3857.7	3857.7	3842.7
25°	3573.4	3640.8	3689.4	3728.6	3741.7	3756.7	3779.1	3784.7	3781.0	3771.6
27.5°	3485.5	3545.4	3594.0	3627.7	3640.8	3653.8	3678.2	3683.8	3676.3	3666.9
30°	3356.5	3418.2	3466.9	3496.8	3508.0	3517.3	3532.3	3545.4	3534.2	3524.8
32.5°	3216.3	3272.4	3306.0	3334.1	3341.6	3349.0	3364.0	3369.6	3358.4	3360.3
35°	3051.7	3100.3	3139.6	3158.3	3162.1	3160.2	3167.7	3169.5	3171.4	3147.1
37.5°	2872.2	2915.2	2933.9	2960.1	2954.5	2963.8	2971.3	2963.8	2945.1	2935.8
40°	2679.6	2707.7	2739.4	2748.8	2743.2	2756.3	2752.5	2739.4	2718.9	2711.4
42.5°	2488.9	2520.7	2531.9	2539.4	2533.8	2535.6	2528.1	2524.4	2503.8	2487.0
45°	2307.5	2329.9	2335.5	2333.7	2333.7	2324.3	2315.0	2300.0	2281.3	2272.0
47.5°	2129.9	2144.8	2146.7	2137.3	2129.9	2118.6	2120.5	2094.3	2071.9	2060.7
50°	1965.3	1970.9	1965.3	1948.5	1944.7	1931.6	1924.2	1903.6	1883.0	1877.4
52.5°	1817.6	1815.7	1804.5	1785.8	1778.3	1765.2	1752.1	1733.4	1712.9	1712.9
55°	1673.6	1668.0	1653.0	1632.4	1621.2	1615.6	1598.8	1578.2	1563.3	1553.9
57.5°	1548.3	1537.1	1518.4	1499.7	1484.7	1469.8	1458.5	1443.6	1424.9	1421.1
60°	1436.1	1413.7	1396.8	1376.3	1365.0	1352.0	1337.0	1325.8	1310.8	1295.9
62.5°	1331.4	1312.7	1290.3	1269.7	1258.5	1247.2	1232.3	1215.5	1206.1	1202.4
65°	1239.8	1221.1	1194.9	1174.3	1165.0	1153.7	1142.5	1123.8	1118.2	1108.9
67.5°	1157.5	1133.2	1108.9	1090.2	1080.8	1077.1	1065.9	1054.6	1041.6	1034.1
70°	1080.8	1056.5	1034.1	1021.0	1009.8	1006.0	996.7	981.7	972.4	966.8
72.5°	1007.9	987.3	968.6	949.9	942.4	940.6	933.1	921.9	912.5	906.9
75°	946.2	925.6	906.9	897.6	890.1	884.5	880.7	869.5	863.9	854.6
77.5°	892.0	867.6	850.8	841.5	835.9	832.1	828.4	822.8	815.3	809.7
80°	834.0	815.3	802.2	792.9	789.1	785.4	781.6	777.9	772.3	766.7
82.5°	785.4	768.5	757.3	749.8	749.8	746.1	744.2	740.5	734.9	727.4
85°	738.6	723.7	714.3	710.6	708.7	706.8	705.0	701.2	695.6	690.0
87.5°	699.4	688.1	678.8	676.9	676.9	675.0	673.2	671.3	665.7	660.1
90°	673.2	662.0	656.3	654.5	652.6	652.6	652.6	648.9	643.3	637.6
92.5°	669.4	658.2	652.6	648.9	648.9	648.9	648.9	645.1	639.5	632.0
95°	675.0	663.8	658.2	654.5	652.6	652.6	650.7	647.0	641.4	633.9
97.5°	688.1	676.9	669.4	663.8	662.0	662.0	660.1	656.3	650.7	645.1
100°	695.6	684.4	676.9	671.3	669.4	667.6	665.7	662.0	656.3	648.9
102.5°	701.2	690.0	680.7	676.9	675.0	673.2	669.4	665.7	660.1	652.6
105°	705.0	695.6	688.1	680.7	678.8	676.9	673.2	669.4	662.0	656.3
107.5°	710.6	701.2	691.9	686.3	682.5	680.7	676.9	673.2	665.7	658.2
110°	712.4	705.0	695.6	690.0	686.3	684.4	678.8	673.2	665.7	660.1





TEST NUMBER: P232501

CATALOG NUMBER: 8SKB1-LD5-14-W-UNV-L835-CD2-U

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	714.3	708.7	699.4	691.9	690.0	686.3	680.7	675.0	667.6	660.1
115°	714.3	708.7	701.2	693.7	691.9	688.1	682.5	675.0	667.6	660.1
117.5°	712.4	708.7	703.1	695.6	691.9	688.1	682.5	675.0	665.7	660.1
120°	706.8	706.8	701.2	695.6	691.9	688.1	680.7	673.2	665.7	658.2
122.5°	697.5	701.2	697.5	691.9	690.0	686.3	680.7	671.3	662.0	656.3
125°	684.4	693.7	691.9	688.1	686.3	682.5	676.9	669.4	660.1	652.6
127.5°	667.6	680.7	684.4	682.5	680.7	678.8	671.3	663.8	656.3	647.0
130°	647.0	663.8	671.3	671.3	671.3	669.4	665.7	658.2	648.9	641.4
132.5°	620.8	641.4	652.6	658.2	658.2	658.2	654.5	648.9	641.4	632.0
135°	590.9	617.1	632.0	639.5	641.4	641.4	641.4	637.6	630.2	622.7
137.5°	555.4	585.3	605.9	617.1	620.8	622.7	624.6	620.8	613.3	605.9
140°	503.0	546.0	572.2	587.2	590.9	596.5	600.2	596.5	590.9	585.3
142.5°	450.7	495.5	532.9	553.5	557.2	562.8	568.5	568.5	562.8	557.2
145°	394.6	439.4	478.7	512.4	518.0	523.6	531.1	534.8	529.2	523.6
147.5°	329.1	375.9	417.0	454.4	471.2	478.7	486.2	489.9	488.1	482.4
150°	259.9	310.4	349.7	387.1	403.9	426.3	435.7	437.6	435.7	430.1
152.5°	157.1	230.0	274.9	312.3	327.2	347.8	374.0	379.6	375.9	372.1
155°	87.9	119.7	168.3	224.4	241.2	259.9	291.7	304.8	302.9	302.9
157.5°	26.2	65.4	89.8	110.3	117.8	129.0	166.4	198.2	207.6	209.4
160°	1.9	1.9	22.4	44.9	56.1	67.3	86.0	97.2	99.1	101.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)