

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: P#

Luminaire Tested: **8SKB1-LD5-10-W-RS-UNV-L840-CD1-RS-U**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P#  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1709-317-6)  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: METALUX  
Catalog Number: 8SKB1-LD5-10-W-RS-UNV-L840-CD1-RS-U  
Description: METALUX SKYBAR 8' WAVESTREAM STRIP  
WITH WIDE LENS AND REFLECTOR  
Light Source: (392) 4000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

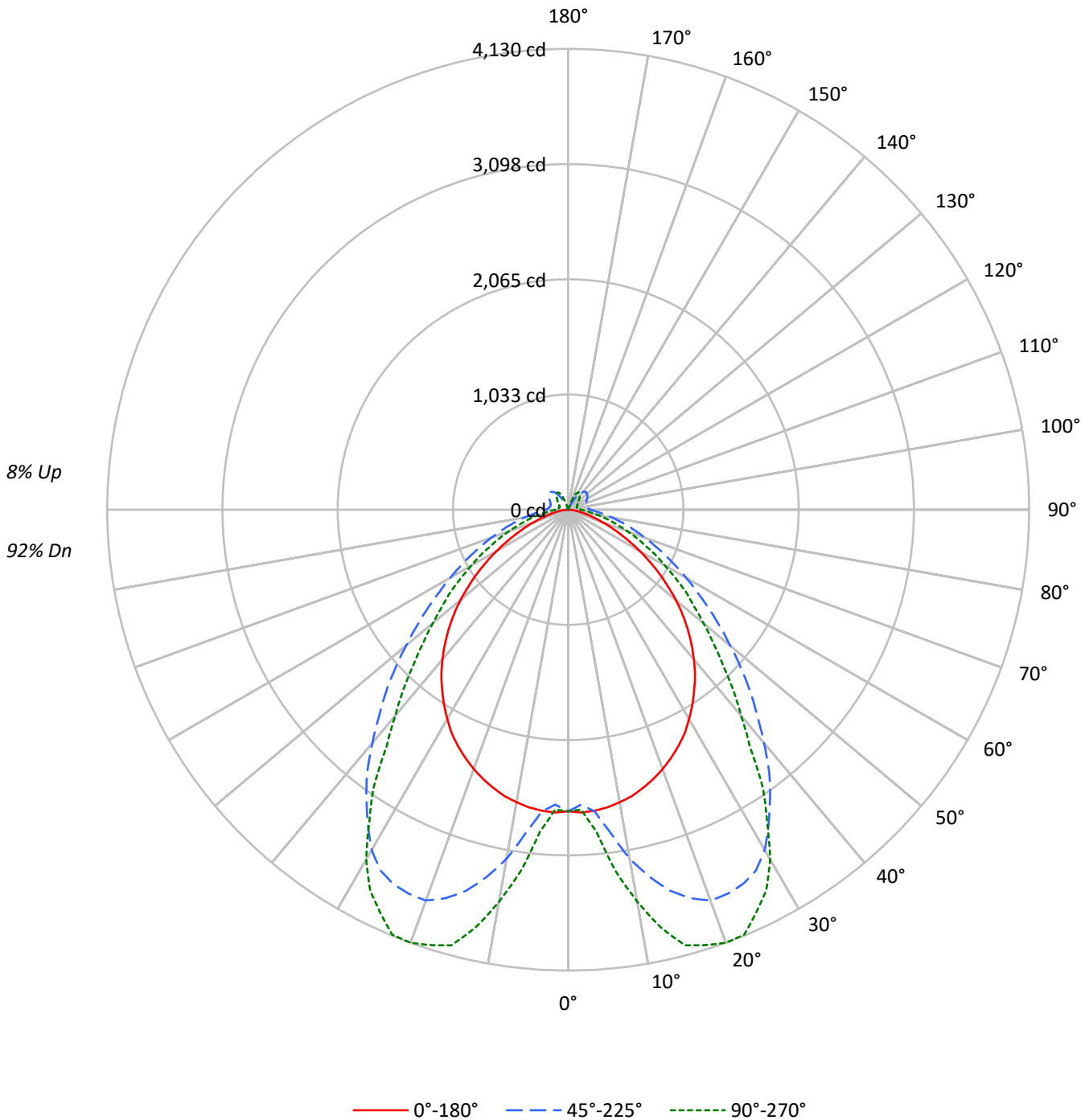
Lumens per Lamp: N/A  
Luminaire Lumens: 9815.0 lumens  
Efficiency: N/A  
Efficacy: 126.8 lumens/watt  
Spacing Criteria (0/90/45): 1.19 / 1.53 / 1.51  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 8' x H: 0.29')  
CIE Type: Direct

Input Watts (W): 77.4  
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: P#  
CATALOG NUMBER: 8SKB1-LD5-10-W-RS-UNV-L840-CD1-RS-U

### Luminous Intensity Polar Plot





TEST NUMBER: P#

CATALOG NUMBER: 8SKB1-LD5-10-W-RS-UNV-L840-CD1-RS-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	50	30	10	0	
RCR																						
0	117	117	117	117	113	113	113	113	107	107	107	100	100	100	95	95	95	92				
1	107	103	98	95	104	99	96	92	94	91	88	88	86	84	84	82	80	77				
2	98	90	84	78	95	88	82	77	83	78	74	78	74	71	74	71	68	65				
3	90	80	72	66	87	78	70	65	74	68	63	70	65	61	66	62	58	56				
4	83	71	63	56	80	69	62	56	66	59	54	63	57	52	60	55	51	48				
5	76	64	55	49	74	62	54	48	59	52	47	56	51	46	54	49	45	42				
6	70	58	49	43	68	56	48	42	54	47	41	51	45	40	49	44	40	37				
7	65	52	44	38	63	51	43	38	49	42	37	47	41	36	45	39	35	33				
8	61	48	40	34	59	47	39	34	45	38	33	43	37	32	41	36	32	30				
9	57	44	36	31	55	43	36	30	41	35	30	40	34	29	38	33	29	27				
10	53	41	33	28	52	40	33	28	38	32	27	37	31	27	35	30	26	24				

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

	0°	45°	90°
0°	14549	14549	14549
5°	14579	13639	14194
10°	14455	15089	16170
15°	14251	16038	17153
20°	13983	16298	16603
25°	13640	15743	15322
30°	13177	14675	13440
35°	12613	12981	11002
40°	11939	11190	8557
45°	11118	9492	6865
50°	10106	7882	5540
55°	8880	6487	4535
60°	7477	5313	3576
65°	6013	4310	2772
70°	4627	3444	2113
75°	3447	2720	1529
80°	2417	2095	1084
85°	1443	1580	743



TEST NUMBER: P#

CATALOG NUMBER: 8SKB1-LD5-10-W-RS-UNV-L840-CD1-RS-U

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	276.7	2.8
10°-20°	963.0	9.8
20°-30°	1585.4	16.2
30°-40°	1781.1	18.1
40°-50°	1585.0	16.1
50°-60°	1225.8	12.5
60°-70°	832.4	8.5
70°-80°	496.7	5.1
80°-90°	266.4	2.7
90°-100°	175.3	1.8
100°-110°	148.7	1.5
110°-120°	137.6	1.4
120°-130°	128.2	1.3
130°-140°	108.7	1.1
140°-150°	74.3	0.8
150°-160°	28.7	0.3
160°-170°	0.9	0.0
170°-180°	0.0	0.0
0°-30°	2825.1	28.8
0°-40°	4606.3	46.9
0°-60°	7417.1	75.6
0°-90°	9012.6	91.8
90°-120°	461.6	4.7
90°-150°	772.8	7.9
90°-180°	802.0	8.2
0°-180°	9815.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2703	2703	2703	2703	2703	
5°	2707	2670	2712	2857	2896	257
15°	2583	2901	3534	3976	4041	728
25°	2336	3000	3703	3993	3984	1075
35°	1969	2702	3153	3124	3043	1230
45°	1514	2088	2308	2111	1954	1165
55°	996	1423	1531	1389	1289	889
65°	509	884	956	862	762	513
75°	188	533	546	471	394	206
85°	33	335	274	215	172	41
90°	3	285	200	146	113	3
95°	1	276	175	123	94	1
105°	1	251	162	105	81	1
115°	1	231	180	114	89	1
125°	1	190	210	139	109	1
135°	1	73	224	179	140	1
145°	1	7	174	203	175	1
155°	1	4	38	134	148	1
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	0



TEST NUMBER: P#

CATALOG NUMBER: 8SKB1-LD5-10-W-RS-UNV-L840-CD1-RS-U

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	2703.2	2703.2	2703.2	2703.2	2703.2	2703.2	2703.2	2703.2	2703.2	2703.2	2703.2
2.5°	2716.5	2705.9	2687.3	2686.0	2674.1	2668.8	2670.1	2666.1	2662.1	2655.5	2644.9
5°	2707.2	2687.3	2656.8	2656.8	2663.5	2670.1	2686.0	2700.6	2704.6	2713.9	2712.5
7.5°	2690.0	2659.5	2630.3	2654.2	2678.1	2687.3	2705.9	2732.4	2773.5	2849.1	2923.3
10°	2662.1	2621.0	2611.8	2650.2	2682.0	2709.9	2752.3	2875.6	2989.6	3102.3	3175.2
12.5°	2630.3	2579.9	2593.2	2642.3	2716.5	2769.5	2878.2	3041.3	3131.5	3262.7	3370.1
15°	2582.6	2534.9	2558.7	2631.7	2786.8	2900.8	2961.8	3160.6	3305.1	3413.9	3534.5
17.5°	2530.9	2488.5	2521.6	2650.2	2861.0	2971.1	3069.2	3237.5	3376.7	3537.2	3651.2
20°	2473.9	2436.8	2479.2	2674.1	2896.8	3009.5	3118.2	3278.6	3462.9	3628.6	3726.7
22.5°	2407.6	2374.5	2439.4	2684.7	2910.1	3022.8	3128.8	3315.8	3506.7	3643.2	3726.7
25°	2336.0	2302.9	2391.7	2663.5	2896.8	3000.2	3114.2	3335.6	3492.1	3599.5	3702.9
27.5°	2259.1	2222.0	2355.9	2619.7	2843.8	2960.4	3089.0	3297.2	3420.5	3539.8	3644.5
30°	2165.0	2131.8	2293.6	2556.1	2769.5	2907.4	3017.5	3204.4	3322.4	3440.4	3521.2
32.5°	2070.9	2039.0	2218.0	2465.9	2684.7	2814.6	2920.7	3066.5	3200.4	3291.9	3342.3
35°	1968.8	1933.0	2130.5	2355.9	2589.2	2701.9	2790.7	2923.3	3036.0	3103.6	3152.7
37.5°	1866.7	1828.2	2019.1	2240.6	2463.3	2566.7	2640.9	2774.8	2861.0	2916.7	2957.8
40°	1751.3	1711.6	1903.8	2110.6	2332.0	2404.9	2481.8	2601.2	2664.8	2709.9	2729.8
42.5°	1634.7	1594.9	1779.2	1974.1	2171.6	2243.2	2322.7	2416.9	2479.2	2505.7	2505.7
45°	1514.0	1475.6	1650.6	1838.8	2005.9	2088.1	2158.4	2233.9	2285.6	2306.8	2308.2
47.5°	1388.1	1356.3	1523.3	1694.3	1850.8	1922.4	1976.7	2049.6	2094.7	2100.0	2098.7
50°	1259.5	1231.6	1381.5	1549.8	1689.0	1752.7	1800.4	1868.0	1903.8	1902.5	1895.9
52.5°	1124.3	1107.0	1246.2	1400.0	1526.0	1583.0	1625.4	1685.1	1714.2	1714.2	1708.9
55°	995.7	985.0	1105.7	1254.2	1372.2	1422.6	1462.3	1515.4	1539.2	1539.2	1531.3
57.5°	865.7	864.4	977.1	1109.7	1222.4	1267.4	1309.9	1356.3	1377.5	1377.5	1364.2
60°	738.5	745.1	856.4	978.4	1081.8	1125.6	1162.7	1207.8	1221.0	1223.7	1221.0
62.5°	620.5	637.7	743.8	855.1	958.5	995.7	1028.8	1072.5	1083.2	1087.1	1080.5
65°	509.1	535.6	643.0	749.1	845.8	884.3	913.5	943.9	953.2	957.2	955.9
67.5°	417.6	445.5	552.8	657.6	746.4	776.9	806.1	832.6	833.9	840.5	835.2
70°	323.5	365.9	473.3	572.7	656.3	684.1	708.0	726.5	730.5	731.8	730.5
72.5°	249.2	299.6	401.7	499.8	575.4	601.9	620.5	635.0	635.0	636.4	632.4
75°	188.3	249.2	348.7	438.8	506.4	533.0	547.5	556.8	551.5	550.2	546.2
77.5°	136.6	206.8	300.9	385.8	449.4	469.3	482.6	483.9	476.0	474.6	466.7
80°	94.1	168.4	259.9	339.4	397.7	417.6	424.2	418.9	412.3	404.4	393.8
82.5°	62.3	136.6	225.4	300.9	355.3	371.2	376.5	368.6	359.3	346.0	328.8
85°	33.1	110.0	196.2	269.1	320.8	335.4	338.1	323.5	308.9	291.7	274.4
87.5°	14.6	90.2	175.0	247.9	293.0	303.6	304.9	289.0	270.5	250.6	229.4
90°	2.7	76.9	161.7	232.0	275.8	285.0	285.0	263.8	245.3	224.1	200.2
92.5°	1.3	72.9	157.8	226.7	270.5	279.7	278.4	255.9	233.3	209.5	185.6
95°	1.3	63.6	148.5	221.4	266.5	275.8	274.4	250.6	226.7	201.5	175.0
97.5°	1.3	53.0	139.2	212.1	259.9	269.1	269.1	246.6	222.7	196.2	168.4
100°	0.0	41.1	128.6	202.8	250.6	262.5	263.8	242.6	217.4	190.9	164.4
102.5°	0.0	27.8	119.3	194.9	243.9	255.9	258.5	241.3	214.8	188.3	161.7
105°	1.3	17.2	107.4	185.6	237.3	250.6	254.5	240.0	213.4	188.3	161.7
107.5°	1.3	11.9	95.5	176.3	232.0	246.6	251.9	240.0	214.8	189.6	164.4
110°	1.3	10.6	80.9	167.0	225.4	241.3	249.2	241.3	217.4	193.6	168.4



TEST NUMBER: P#

CATALOG NUMBER: 8SKB1-LD5-10-W-RS-UNV-L840-CD1-RS-U

**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	1.3	8.0	61.0	155.1	217.4	236.0	246.6	242.6	221.4	197.5	173.7
115°	1.3	6.6	41.1	143.2	209.5	230.7	243.9	243.9	225.4	202.8	180.3
117.5°	1.3	6.6	27.8	127.3	200.2	224.1	238.6	245.3	230.7	208.1	188.3
120°	1.3	5.3	13.3	108.7	188.3	214.8	233.3	245.3	234.7	214.8	194.9
122.5°	1.3	5.3	10.6	83.5	175.0	204.2	225.4	243.9	238.6	220.1	202.8
125°	1.3	4.0	9.3	55.7	157.8	189.6	214.8	240.0	240.0	225.4	209.5
127.5°	1.3	4.0	8.0	39.8	135.2	173.7	200.2	233.3	240.0	229.4	216.1
130°	1.3	4.0	6.6	11.9	103.4	151.1	183.0	222.7	237.3	232.0	220.1
132.5°	1.3	2.7	6.6	9.3	66.3	118.0	159.1	205.5	229.4	232.0	224.1
135°	1.3	2.7	5.3	8.0	47.7	72.9	127.3	184.3	214.8	224.1	224.1
137.5°	1.3	2.7	5.3	6.6	21.2	54.4	79.5	159.1	196.2	213.4	217.4
140°	1.3	2.7	4.0	5.3	8.0	29.2	57.0	125.9	173.7	197.5	208.1
142.5°	1.3	2.7	4.0	5.3	6.6	6.6	34.5	72.9	145.8	176.3	193.6
145°	1.3	2.7	2.7	4.0	5.3	6.6	6.6	55.7	104.7	151.1	173.7
147.5°	1.3	1.3	2.7	4.0	5.3	5.3	5.3	25.2	62.3	115.3	148.5
150°	1.3	1.3	2.7	2.7	4.0	4.0	5.3	5.3	41.1	65.0	110.0
152.5°	1.3	1.3	2.7	2.7	4.0	4.0	4.0	5.3	5.3	43.8	61.0
155°	1.3	1.3	2.7	2.7	2.7	4.0	4.0	4.0	4.0	5.3	38.4
157.5°	1.3	1.3	2.7	2.7	2.7	2.7	2.7	4.0	4.0	5.3	5.3
160°	1.3	2.7	2.7	2.7	2.7	2.7	2.7	4.0	4.0	4.0	5.3
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: P#

CATALOG NUMBER: 8SKB1-LD5-10-W-RS-UNV-L840-CD1-RS-U

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	2703.2	2703.2	2703.2	2703.2	2703.2	2703.2	2703.2	2703.2	2703.2	2703.2
2.5°	2658.2	2678.1	2678.1	2695.3	2704.6	2701.9	2704.6	2709.9	2694.0	2688.7
5°	2741.7	2781.5	2801.4	2846.4	2857.0	2876.9	2883.5	2906.1	2911.4	2895.5
7.5°	3004.2	3086.4	3139.4	3193.8	3217.6	3229.6	3250.8	3265.4	3287.9	3270.7
10°	3250.8	3350.2	3425.8	3485.4	3500.0	3512.0	3537.2	3572.9	3570.3	3567.6
12.5°	3464.2	3551.7	3644.5	3730.7	3774.5	3783.7	3820.9	3864.6	3872.6	3836.8
15°	3640.6	3762.5	3867.3	3958.7	3976.0	3999.8	4027.7	4042.3	4035.6	4040.9
17.5°	3787.7	3891.1	3965.4	4014.4	4025.0	4043.6	4068.8	4087.3	4090.0	4091.3
20°	3846.1	3915.0	3986.6	4054.2	4075.4	4094.0	4124.5	4140.4	4137.7	4129.8
22.5°	3835.5	3936.2	4002.5	4058.2	4079.4	4096.6	4123.1	4133.8	4129.8	4121.8
25°	3819.5	3905.7	3964.1	3993.2	3993.2	4006.5	3999.8	3991.9	3982.6	3983.9
27.5°	3744.0	3794.4	3834.1	3867.3	3871.2	3872.6	3868.6	3860.6	3855.3	3843.4
30°	3590.2	3651.2	3669.7	3667.1	3661.8	3660.5	3644.5	3632.6	3618.0	3619.4
32.5°	3409.9	3423.1	3431.1	3408.6	3395.3	3392.6	3378.1	3358.2	3338.3	3317.1
35°	3177.9	3168.6	3150.0	3134.1	3123.5	3107.6	3086.4	3066.5	3041.3	3042.6
37.5°	2953.8	2924.6	2898.1	2854.4	2846.4	2809.3	2768.2	2736.4	2695.3	2672.8
40°	2720.5	2691.3	2658.2	2610.4	2589.2	2554.8	2509.7	2456.7	2423.5	2410.2
42.5°	2497.8	2462.0	2423.5	2366.5	2340.0	2312.1	2264.4	2212.7	2188.8	2184.9
45°	2280.3	2239.2	2202.1	2138.5	2110.6	2077.5	2028.4	1996.6	1962.1	1954.2
47.5°	2070.9	2035.1	1978.0	1929.0	1902.5	1874.6	1824.3	1795.1	1769.9	1760.6
50°	1868.0	1833.5	1789.8	1735.4	1710.2	1683.7	1647.9	1620.1	1590.9	1581.6
52.5°	1686.4	1651.9	1606.8	1564.4	1539.2	1523.3	1490.2	1458.3	1435.8	1421.2
55°	1511.4	1479.6	1438.5	1398.7	1389.4	1368.2	1329.7	1301.9	1287.3	1288.6
57.5°	1351.0	1323.1	1291.3	1252.9	1238.3	1218.4	1193.2	1160.0	1142.8	1137.5
60°	1205.1	1178.6	1152.1	1122.9	1104.4	1089.8	1055.3	1028.8	1006.3	1003.6
62.5°	1065.9	1046.0	1023.5	994.3	978.4	962.5	932.0	906.8	889.6	884.3
65°	945.3	928.0	901.5	877.7	861.8	845.8	816.7	791.5	776.9	762.3
67.5°	826.0	811.4	791.5	766.3	751.7	735.8	710.6	682.8	665.5	661.6
70°	719.9	704.0	688.1	661.6	648.3	639.0	611.2	583.3	570.1	564.8
72.5°	628.4	611.2	588.6	570.1	562.1	544.9	518.4	499.8	482.6	472.0
75°	533.0	522.4	506.4	485.2	470.6	458.7	437.5	418.9	404.4	393.8
77.5°	454.7	441.5	428.2	407.0	396.4	385.8	363.3	347.4	332.8	327.5
80°	381.8	369.9	351.3	335.4	326.1	316.9	299.6	282.4	271.8	266.5
82.5°	315.5	304.9	290.3	277.1	266.5	259.9	243.9	229.4	220.1	212.1
85°	261.2	247.9	234.7	222.7	214.8	209.5	197.5	186.9	175.0	172.4
87.5°	214.8	204.2	192.2	180.3	175.0	168.4	157.8	149.8	140.5	136.6
90°	184.3	171.0	160.4	151.1	145.8	141.9	133.9	123.3	116.7	112.7
92.5°	167.0	155.1	145.8	136.6	132.6	128.6	119.3	111.4	104.7	99.4
95°	156.4	144.5	135.2	127.3	123.3	120.6	112.7	104.7	98.1	94.1
97.5°	148.5	135.2	125.9	119.3	115.3	112.7	106.1	99.4	92.8	88.8
100°	141.9	128.6	119.3	112.7	110.0	107.4	100.8	94.1	88.8	84.8
102.5°	139.2	124.6	115.3	110.0	107.4	104.7	98.1	92.8	86.2	82.2
105°	139.2	123.3	114.0	107.4	104.7	102.1	96.8	91.5	84.8	80.9
107.5°	141.9	124.6	114.0	108.7	106.1	103.4	96.8	91.5	84.8	80.9
110°	145.8	128.6	116.7	110.0	107.4	104.7	98.1	92.8	86.2	82.2





TEST NUMBER: P#

CATALOG NUMBER: 8SKB1-LD5-10-W-RS-UNV-L840-CD1-RS-U

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	151.1	132.6	120.6	112.7	110.0	107.4	100.8	95.5	88.8	84.8
115°	157.8	137.9	125.9	116.7	114.0	111.4	104.7	98.1	92.8	88.8
117.5°	165.7	145.8	131.3	122.0	119.3	115.3	108.7	102.1	96.8	92.8
120°	173.7	155.1	139.2	128.6	124.6	120.6	114.0	107.4	100.8	96.8
122.5°	183.0	163.1	147.2	136.6	132.6	128.6	120.6	114.0	107.4	102.1
125°	192.2	173.7	156.4	144.5	139.2	135.2	127.3	119.3	114.0	108.7
127.5°	200.2	183.0	165.7	153.8	148.5	143.2	135.2	127.3	120.6	116.7
130°	206.8	192.2	176.3	163.1	157.8	153.8	143.2	135.2	128.6	124.6
132.5°	213.4	200.2	186.9	173.7	168.4	163.1	153.8	144.5	137.9	132.6
135°	217.4	206.8	196.2	184.3	179.0	172.4	163.1	153.8	145.8	140.5
137.5°	217.4	212.1	202.8	193.6	188.3	183.0	172.4	163.1	155.1	151.1
140°	210.8	212.1	208.1	201.5	196.2	192.2	183.0	172.4	164.4	160.4
142.5°	201.5	205.5	208.1	204.2	201.5	198.9	190.9	181.6	173.7	168.4
145°	186.9	194.9	200.2	204.2	202.8	201.5	194.9	188.3	180.3	175.0
147.5°	168.4	180.3	186.9	196.2	198.9	198.9	196.2	190.9	184.3	180.3
150°	141.9	159.1	171.0	180.3	184.3	189.6	189.6	185.6	181.6	177.7
152.5°	100.8	128.6	145.8	159.1	164.4	169.7	176.3	173.7	168.4	165.7
155°	57.0	70.3	106.1	127.3	133.9	140.5	151.1	153.8	152.5	148.5
157.5°	29.2	47.7	59.7	68.9	72.9	83.5	104.7	119.3	118.0	120.6
160°	6.6	8.0	22.5	42.4	47.7	50.4	55.7	59.7	59.7	57.0
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)