

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: P236387

Luminaire Tested: **SKB2-LD5-15-W-UNV-L850-CD2-U**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P236387
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1710-365-1)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: SKB2-LD5-15-W-UNV-L850-CD2-U
Description: METALUX SKYBAR LED WAVESTREAM LUMINAIRE
2 BLADES WITH WIDE DISTRIBUTION LENS, ALL BLADES VERTICAL
Light Source: (476) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

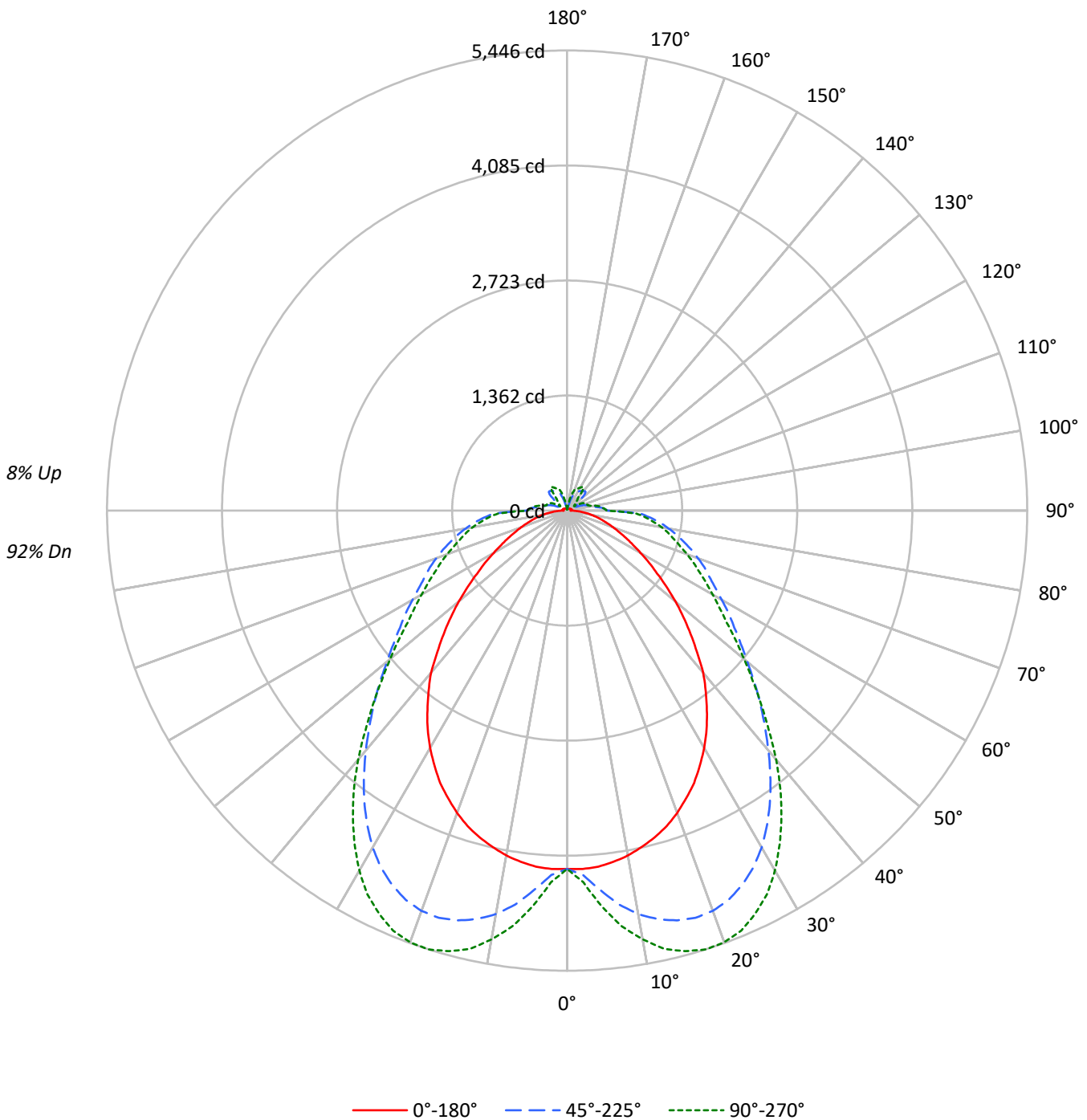
Lumens per Lamp: N/A
Luminaire Lumens: 15844.0 lumens
Efficiency: N/A
Efficacy: 119.7 lumens/watt
Spacing Criteria (0/90/45): 1.15 / 1.51 / 1.46
Luminous Opening: Rectangular w/ Sides (W: 1.25' x L: 2' x H: 0.21')
CIE Type: Direct

Input Watts (W): 132.4
Input Voltage (V): 120
Input Current (A_{in}): 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: P236387

CATALOG NUMBER: SKB2-LD5-15-W-UNV-L850-CD2-U

Luminous Intensity Polar Plot





TEST NUMBER: P236387

CATALOG NUMBER: SKB2-LD5-15-W-UNV-L850-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	117	117	117	117	113	113	113	113	107	107	107	100	100	100	95	95	95	92
1	105	100	95	91	102	97	92	88	91	87	84	86	83	80	81	78	76	74
2	95	87	79	73	92	84	77	72	79	74	69	75	70	66	70	67	63	61
3	87	76	68	61	84	74	66	60	70	63	58	66	60	56	62	58	54	51
4	80	67	58	52	77	66	57	51	62	55	49	59	53	48	56	50	46	44
5	73	60	51	45	71	59	50	44	56	48	43	53	46	41	50	45	40	38
6	68	54	45	39	65	53	45	38	50	43	37	48	41	36	46	40	36	33
7	63	49	41	34	61	48	40	34	46	39	33	44	37	32	42	36	32	30
8	59	45	37	31	57	44	36	30	42	35	30	40	34	29	38	33	28	26
9	55	41	33	28	53	40	33	27	39	32	27	37	31	26	36	30	26	24
10	51	38	30	25	50	37	30	25	36	29	24	34	28	24	33	27	23	22

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	18258	18258	18258
5°	18117	19168	20029
10°	17796	20505	21883
15°	17363	21291	23033
20°	16809	21592	23486
25°	16107	21338	23210
30°	15205	20613	22309
35°	14126	19408	20808
40°	12950	17942	18976
45°	11400	16515	16968
50°	9960	15177	15266
55°	8509	14237	13949
60°	7321	13665	13295
65°	6401	13411	12970
70°	5673	13584	13030
75°	5101	13851	13410
80°	4572	14491	14481
85°	3825	15383	15835



TEST NUMBER: P236387

CATALOG NUMBER: SKB2-LD5-15-W-UNV-L850-CD2-U

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	437.0	2.8
10°-20°	1381.0	8.7
20°-30°	2163.1	13.7
30°-40°	2488.3	15.7
40°-50°	2326.5	14.7
50°-60°	1958.2	12.4
60°-70°	1615.0	10.2
70°-80°	1297.4	8.2
80°-90°	888.3	5.6
90°-100°	357.6	2.3
100°-110°	218.5	1.4
110°-120°	158.7	1.0
120°-130°	137.4	0.9
130°-140°	153.1	1.0
140°-150°	146.1	0.9
150°-160°	86.7	0.5
160°-170°	28.5	0.2
170°-180°	2.6	0.0
0°-30°	3981.1	25.1
0°-40°	6469.4	40.8
0°-60°	10754.2	67.9
0°-90°	14554.9	91.9
90°-120°	734.7	4.6
90°-150°	1171.3	7.4
90°-180°	1289.0	8.1
0°-180°	15844.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4241	4241	4241	4241	4241	
5°	4230	4324	4509	4666	4702	401
15°	4004	4541	5022	5315	5398	1127
25°	3555	4315	4893	5184	5265	1632
35°	2884	3670	4188	4398	4421	1801
45°	2067	2786	3232	3302	3251	1597
55°	1302	2041	2415	2373	2300	1177
65°	769	1542	1857	1770	1728	768
75°	426	1187	1428	1334	1308	453
85°	170	838	993	933	931	165
90°	42	376	479	468	470	34
95°	53	258	401	412	414	42
105°	53	129	244	254	251	56
115°	44	205	110	189	210	45
125°	39	246	161	115	102	35
135°	30	228	307	184	163	24
145°	25	177	283	334	338	16
155°	23	71	242	274	281	11
165°	23	32	83	156	178	6
175°	21	21	25	26	21	2
180°	19	19	19	19	19	



TEST NUMBER: P236387

CATALOG NUMBER: SKB2-LD5-15-W-UNV-L850-CD2-U

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	4240.6	4240.6	4240.6	4240.6	4240.6	4240.6	4240.6	4240.6	4240.6	4240.6	4240.6
2.5°	4245.9	4249.5	4258.3	4272.4	4274.2	4268.9	4261.8	4274.2	4268.9	4295.4	4316.6
5°	4230.0	4233.6	4253.0	4293.6	4307.8	4323.7	4329.0	4373.1	4408.5	4459.7	4509.2
7.5°	4192.9	4214.1	4245.9	4314.8	4373.1	4397.9	4424.4	4493.3	4564.0	4638.2	4701.8
10°	4145.2	4171.7	4237.1	4337.8	4427.9	4472.1	4511.0	4609.9	4687.7	4768.9	4848.4
12.5°	4078.1	4116.9	4205.3	4348.4	4468.6	4516.3	4565.7	4675.3	4768.9	4867.9	4952.7
15°	4003.9	4055.1	4171.7	4346.6	4479.2	4541.0	4594.0	4710.6	4818.4	4924.4	5021.6
17.5°	3915.5	3975.6	4125.8	4318.4	4465.0	4530.4	4588.7	4712.4	4830.8	4942.1	5053.4
20°	3807.7	3883.7	4063.9	4267.1	4417.3	4489.8	4549.8	4684.1	4811.3	4935.0	5041.0
22.5°	3684.0	3775.9	3972.0	4189.4	4346.6	4417.3	4480.9	4627.6	4763.6	4878.5	4988.0
25°	3555.1	3654.0	3867.8	4086.9	4249.5	4314.8	4385.5	4539.2	4666.4	4784.8	4892.6
27.5°	3401.3	3509.1	3744.1	3965.0	4122.2	4198.2	4267.1	4412.0	4542.8	4666.4	4767.2
30°	3242.3	3358.9	3599.2	3802.4	3966.7	4053.3	4115.2	4254.8	4392.6	4505.7	4604.6
32.5°	3072.7	3184.0	3427.8	3638.1	3793.6	3874.9	3934.9	4072.8	4200.0	4304.2	4404.9
35°	2883.6	3007.3	3245.8	3445.5	3597.5	3669.9	3730.0	3880.2	3991.5	4097.5	4187.6
37.5°	2694.6	2811.2	3039.1	3245.8	3394.3	3461.4	3516.2	3664.6	3768.8	3864.3	3949.1
40°	2505.5	2606.2	2832.4	3017.9	3171.6	3229.9	3295.3	3420.8	3533.8	3631.0	3705.2
42.5°	2274.0	2399.5	2623.9	2805.9	2943.7	3014.4	3076.2	3207.0	3302.4	3389.0	3461.4
45°	2067.3	2198.1	2404.8	2588.5	2729.9	2786.4	2848.3	2972.0	3079.7	3155.7	3231.7
47.5°	1865.9	1996.6	2203.4	2374.7	2516.1	2588.5	2638.0	2763.5	2862.4	2945.5	3002.0
50°	1671.5	1804.0	2001.9	2182.2	2316.4	2383.6	2447.2	2560.3	2669.8	2737.0	2782.9
52.5°	1480.7	1616.7	1828.8	1996.6	2138.0	2199.8	2258.1	2385.3	2486.1	2553.2	2590.3
55°	1302.2	1454.2	1662.7	1834.1	1971.9	2040.8	2102.6	2228.1	2312.9	2371.2	2415.4
57.5°	1153.8	1298.7	1509.0	1687.4	1828.8	1890.6	1957.8	2079.7	2160.9	2222.8	2265.2
60°	1003.6	1160.9	1378.2	1547.8	1694.5	1766.9	1828.8	1938.3	2028.4	2090.3	2113.2
62.5°	879.9	1042.5	1254.5	1427.7	1583.2	1646.8	1710.4	1819.9	1910.0	1957.8	1975.4
65°	768.6	934.7	1146.7	1319.9	1477.1	1542.5	1599.1	1717.5	1786.4	1835.8	1857.0
67.5°	666.1	837.5	1054.9	1228.0	1378.2	1438.3	1500.1	1611.4	1689.2	1738.7	1759.9
70°	579.6	752.7	963.0	1148.5	1289.9	1355.2	1418.8	1523.1	1597.3	1646.8	1646.8
72.5°	496.5	673.2	885.2	1063.7	1212.1	1275.7	1327.0	1441.8	1510.7	1544.3	1540.8
75°	425.8	599.0	816.3	980.6	1130.8	1187.4	1254.5	1358.8	1415.3	1438.3	1427.7
77.5°	356.9	530.1	749.2	917.0	1056.6	1132.6	1182.1	1266.9	1316.4	1337.6	1325.2
80°	293.3	462.9	675.0	841.1	985.9	1040.7	1086.7	1167.9	1212.1	1229.8	1219.2
82.5°	231.5	401.1	607.8	770.4	892.3	938.2	985.9	1063.7	1111.4	1127.3	1114.9
85°	169.6	333.9	533.6	676.7	789.8	837.5	883.5	952.4	991.2	1008.9	993.0
87.5°	114.9	270.3	448.8	577.8	678.5	720.9	763.3	823.4	867.6	878.2	872.9
90°	42.4	127.2	233.2	295.1	351.6	376.4	395.8	438.2	468.2	482.4	478.8
92.5°	47.7	100.7	178.5	242.1	293.3	321.6	351.6	394.0	427.6	443.5	445.3
95°	53.0	88.3	125.5	185.5	238.5	258.0	279.2	325.1	364.0	392.3	401.1
97.5°	51.2	90.1	120.2	136.1	192.6	217.3	236.8	272.1	296.8	314.5	332.2
100°	53.0	93.6	134.3	129.0	141.4	171.4	197.9	238.5	265.0	280.9	284.5
102.5°	53.0	95.4	150.2	141.4	129.0	130.8	141.4	201.4	235.0	256.2	265.0
105°	53.0	95.4	153.7	155.5	136.1	129.0	125.5	144.9	196.1	227.9	243.8
107.5°	53.0	95.4	155.5	189.1	152.0	141.4	132.5	121.9	134.3	185.5	215.6
110°	51.2	91.9	157.3	199.7	166.1	155.5	148.4	127.2	116.6	130.8	173.2



TEST NUMBER: P236387

CATALOG NUMBER: SKB2-LD5-15-W-UNV-L850-CD2-U

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	47.7	79.5	155.5	201.4	196.1	173.2	162.6	141.4	121.9	111.3	121.9
115°	44.2	70.7	153.7	201.4	227.9	205.0	178.5	155.5	136.1	118.4	109.5
117.5°	44.2	67.1	157.3	199.7	236.8	243.8	215.6	169.6	150.2	132.5	116.6
120°	42.4	58.3	146.7	199.7	235.0	252.7	252.7	190.8	162.6	148.4	132.5
122.5°	40.6	47.7	146.7	199.7	233.2	250.9	265.0	252.7	182.0	160.8	146.7
125°	38.9	45.9	132.5	197.9	229.7	245.6	261.5	275.6	217.3	178.5	160.8
127.5°	37.1	44.2	113.1	197.9	226.2	242.1	256.2	280.9	268.6	208.5	178.5
130°	35.3	40.6	100.7	183.8	220.9	235.0	250.9	275.6	298.6	273.9	208.5
132.5°	33.6	38.9	81.3	174.9	219.1	229.7	242.1	268.6	291.5	303.9	277.4
135°	30.0	35.3	68.9	157.3	220.9	227.9	236.8	261.5	284.5	303.9	307.4
137.5°	28.3	33.6	54.8	136.1	205.0	229.7	233.2	252.7	275.6	293.3	311.0
140°	26.5	31.8	40.6	114.9	192.6	213.8	235.0	245.6	266.8	286.2	302.1
142.5°	26.5	30.0	35.3	98.9	171.4	201.4	219.1	240.3	256.2	275.6	293.3
145°	24.7	28.3	33.6	70.7	139.6	176.7	206.7	242.1	249.1	265.0	282.7
147.5°	24.7	26.5	33.6	60.1	118.4	148.4	180.2	220.9	249.1	256.2	272.1
150°	23.0	26.5	31.8	38.9	95.4	123.7	148.4	212.0	235.0	252.7	261.5
152.5°	23.0	24.7	31.8	33.6	68.9	98.9	121.9	174.9	219.1	242.1	258.0
155°	23.0	24.7	30.0	33.6	51.2	70.7	97.2	136.1	185.5	224.4	242.1
157.5°	23.0	24.7	28.3	33.6	35.3	47.7	67.1	109.5	146.7	185.5	226.2
160°	23.0	23.0	28.3	31.8	33.6	35.3	44.2	72.4	113.1	139.6	174.9
162.5°	23.0	23.0	26.5	30.0	33.6	33.6	33.6	49.5	70.7	107.8	130.8
165°	23.0	23.0	24.7	28.3	31.8	31.8	33.6	33.6	40.6	63.6	83.0
167.5°	23.0	23.0	23.0	26.5	28.3	30.0	31.8	31.8	33.6	33.6	42.4
170°	21.2	23.0	23.0	24.7	26.5	26.5	28.3	30.0	31.8	31.8	33.6
172.5°	21.2	21.2	21.2	23.0	23.0	24.7	24.7	26.5	28.3	28.3	30.0
175°	21.2	21.2	21.2	21.2	21.2	21.2	21.2	23.0	23.0	23.0	24.7
177.5°	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
180°	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4



TEST NUMBER: P236387

CATALOG NUMBER: SKB2-LD5-15-W-UNV-L850-CD2-U

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	4240.6	4240.6	4240.6	4240.6	4240.6	4240.6	4240.6	4240.6	4240.6	4240.6
2.5°	4329.0	4337.8	4357.2	4367.8	4374.9	4376.7	4397.9	4390.8	4403.2	4403.2
5°	4544.5	4576.3	4613.4	4652.3	4666.4	4678.8	4696.5	4701.8	4715.9	4701.8
7.5°	4758.3	4793.7	4836.1	4874.9	4897.9	4915.6	4940.3	4952.7	4965.1	4961.5
10°	4910.3	4956.2	5011.0	5062.2	5085.2	5102.9	5131.1	5145.3	5157.7	5152.4
12.5°	5019.8	5081.7	5141.7	5200.1	5223.0	5240.7	5269.0	5286.6	5297.2	5313.1
15°	5099.3	5157.7	5228.3	5291.9	5314.9	5339.6	5367.9	5382.1	5390.9	5398.0
17.5°	5131.1	5207.1	5269.0	5327.3	5352.0	5376.8	5412.1	5426.2	5436.8	5445.7
20°	5120.5	5191.2	5260.1	5322.0	5348.5	5375.0	5403.3	5428.0	5435.1	5436.8
22.5°	5062.2	5143.5	5219.5	5283.1	5295.5	5318.4	5344.9	5371.5	5378.5	5380.3
25°	4973.9	5046.3	5117.0	5166.5	5184.2	5212.4	5237.2	5258.4	5261.9	5265.4
27.5°	4839.6	4908.5	4970.4	5032.2	5055.2	5074.6	5097.6	5111.7	5113.5	5120.5
30°	4666.4	4740.7	4800.7	4853.7	4866.1	4874.9	4899.7	4919.1	4913.8	4919.1
32.5°	4468.6	4539.2	4597.5	4629.3	4645.2	4664.7	4680.6	4689.4	4689.4	4680.6
35°	4249.5	4311.3	4359.0	4385.5	4397.9	4413.8	4426.1	4431.4	4435.0	4420.8
37.5°	4005.6	4067.5	4104.6	4132.8	4139.9	4154.0	4139.9	4155.8	4150.5	4143.4
40°	3761.8	3813.0	3837.8	3869.6	3857.2	3864.3	3855.4	3871.3	3851.9	3848.4
42.5°	3521.5	3548.0	3572.7	3571.0	3574.5	3569.2	3562.1	3549.8	3546.2	3537.4
45°	3281.2	3307.7	3302.4	3300.6	3302.4	3293.5	3279.4	3277.6	3263.5	3251.1
47.5°	3035.6	3042.6	3049.7	3040.9	3039.1	3028.5	3019.7	2996.7	2986.1	2977.3
50°	2814.7	2823.5	2818.2	2809.4	2793.5	2788.2	2768.8	2752.9	2744.0	2731.7
52.5°	2609.7	2616.8	2600.9	2588.5	2572.6	2560.3	2542.6	2528.5	2510.8	2510.8
55°	2429.5	2426.0	2401.3	2388.9	2373.0	2362.4	2339.4	2321.7	2314.7	2300.5
57.5°	2261.7	2251.1	2224.6	2205.1	2194.5	2180.4	2168.0	2152.1	2143.3	2138.0
60°	2109.7	2090.3	2072.6	2054.9	2049.6	2032.0	2024.9	1996.6	1991.3	1989.6
62.5°	1971.9	1963.1	1941.8	1908.3	1897.7	1892.4	1876.5	1864.1	1851.7	1855.3
65°	1862.3	1832.3	1804.0	1782.8	1770.5	1761.6	1751.0	1738.7	1731.6	1728.1
67.5°	1742.2	1713.9	1685.6	1664.4	1655.6	1648.5	1636.2	1625.6	1622.0	1620.3
70°	1625.6	1600.8	1579.6	1551.4	1540.8	1539.0	1524.9	1517.8	1512.5	1509.0
72.5°	1516.0	1487.8	1461.2	1441.8	1433.0	1427.7	1420.6	1415.3	1410.0	1402.9
75°	1404.7	1378.2	1355.2	1337.6	1334.0	1328.7	1319.9	1314.6	1312.8	1307.5
77.5°	1296.9	1275.7	1252.7	1245.7	1238.6	1235.1	1235.1	1228.0	1224.5	1224.5
80°	1198.0	1175.0	1157.3	1148.5	1146.7	1143.2	1141.4	1134.4	1130.8	1136.1
82.5°	1088.4	1067.2	1054.9	1042.5	1040.7	1037.2	1037.2	1031.9	1033.7	1030.1
85°	973.6	955.9	943.5	936.5	932.9	934.7	934.7	932.9	932.9	931.2
87.5°	846.4	835.8	825.2	819.9	821.6	825.2	821.6	819.9	819.9	823.4
90°	470.0	466.5	466.5	466.5	468.2	464.7	468.2	470.0	468.2	470.0
92.5°	441.7	438.2	440.0	441.7	445.3	441.7	445.3	445.3	443.5	445.3
95°	401.1	408.2	404.6	409.9	411.7	409.9	415.2	418.8	415.2	413.5
97.5°	346.3	353.4	362.2	369.3	376.4	376.4	378.1	381.7	381.7	385.2
100°	280.9	288.0	291.5	302.1	314.5	314.5	321.6	326.9	326.9	330.4
102.5°	266.8	266.8	265.0	263.3	263.3	261.5	261.5	265.0	265.0	270.3
105°	250.9	252.7	252.7	252.7	254.4	252.7	252.7	254.4	252.7	250.9
107.5°	229.7	238.5	242.1	243.8	243.8	243.8	245.6	247.4	247.4	247.4
110°	197.9	217.3	224.4	229.7	235.0	231.5	236.8	240.3	240.3	240.3



TEST NUMBER: P236387

CATALOG NUMBER: SKB2-LD5-15-W-UNV-L850-CD2-U

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	153.7	182.0	199.7	210.3	215.6	217.3	222.6	227.9	227.9	227.9
115°	107.8	123.7	152.0	182.0	189.1	192.6	201.4	210.3	210.3	210.3
117.5°	106.0	100.7	111.3	121.9	125.5	137.8	167.9	178.5	183.8	180.2
120°	116.6	107.8	100.7	97.2	98.9	106.0	113.1	120.2	125.5	123.7
122.5°	134.3	118.4	109.5	104.2	104.2	100.7	100.7	98.9	97.2	95.4
125°	146.7	137.8	125.5	116.6	114.9	111.3	109.5	106.0	106.0	102.5
127.5°	160.8	150.2	143.1	137.8	132.5	129.0	125.5	120.2	116.6	113.1
130°	180.2	166.1	155.5	150.2	148.4	146.7	143.1	139.6	134.3	130.8
132.5°	210.3	189.1	174.9	167.9	164.3	160.8	155.5	153.7	150.2	146.7
135°	286.2	226.2	199.7	189.1	183.8	178.5	173.2	169.6	164.3	162.6
137.5°	311.0	293.3	256.2	222.6	210.3	205.0	196.1	190.8	185.5	183.8
140°	318.0	330.4	305.7	300.4	293.3	273.9	240.3	226.2	220.9	217.3
142.5°	305.7	321.6	332.2	339.2	318.0	316.3	309.2	303.9	303.9	295.1
145°	296.8	309.2	321.6	330.4	333.9	337.5	342.8	346.3	341.0	337.5
147.5°	284.5	298.6	305.7	318.0	319.8	323.3	328.6	330.4	332.2	330.4
150°	270.3	284.5	291.5	303.9	303.9	309.2	312.7	318.0	318.0	314.5
152.5°	259.7	270.3	279.2	288.0	291.5	293.3	296.8	300.4	300.4	300.4
155°	259.7	259.7	263.3	270.3	273.9	275.6	279.2	280.9	282.7	280.9
157.5°	233.2	250.9	263.3	263.3	261.5	261.5	263.3	266.8	268.6	266.8
160°	199.7	226.2	235.0	245.6	249.1	250.9	263.3	263.3	263.3	261.5
162.5°	150.2	174.9	194.4	213.8	217.3	226.2	231.5	229.7	235.0	226.2
165°	107.8	123.7	134.3	146.7	155.5	164.3	173.2	176.7	182.0	178.5
167.5°	58.3	68.9	86.6	98.9	104.2	107.8	114.9	118.4	125.5	120.2
170°	33.6	33.6	35.3	45.9	51.2	53.0	58.3	58.3	56.5	60.1
172.5°	30.0	31.8	31.8	31.8	31.8	31.8	30.0	30.0	28.3	26.5
175°	24.7	26.5	26.5	26.5	26.5	26.5	24.7	24.7	23.0	21.2
177.5°	21.2	21.2	21.2	21.2	19.4	19.4	19.4	17.7	15.9	14.1
180°	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4

(END OF REPORT)