

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: P236533

Luminaire Tested: **SKB4-LD5-36-W-UNV-L840-CD4-U all blades horizontal**

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P236533  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P24075)  
Test Lab: INNOVATION CENTER P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: METALUX  
Catalog Number: SKB4-LD5-36-W-UNV-L840-CD4-U all blades horizontal  
Description: METALUX SKYBAR LED WAVESTREAM LUMINAIRE  
4 BLADES WITH WIDE DISTRIBUTION LENS, ALL BLADES HORIZONTAL  
Light Source: (952) 4000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

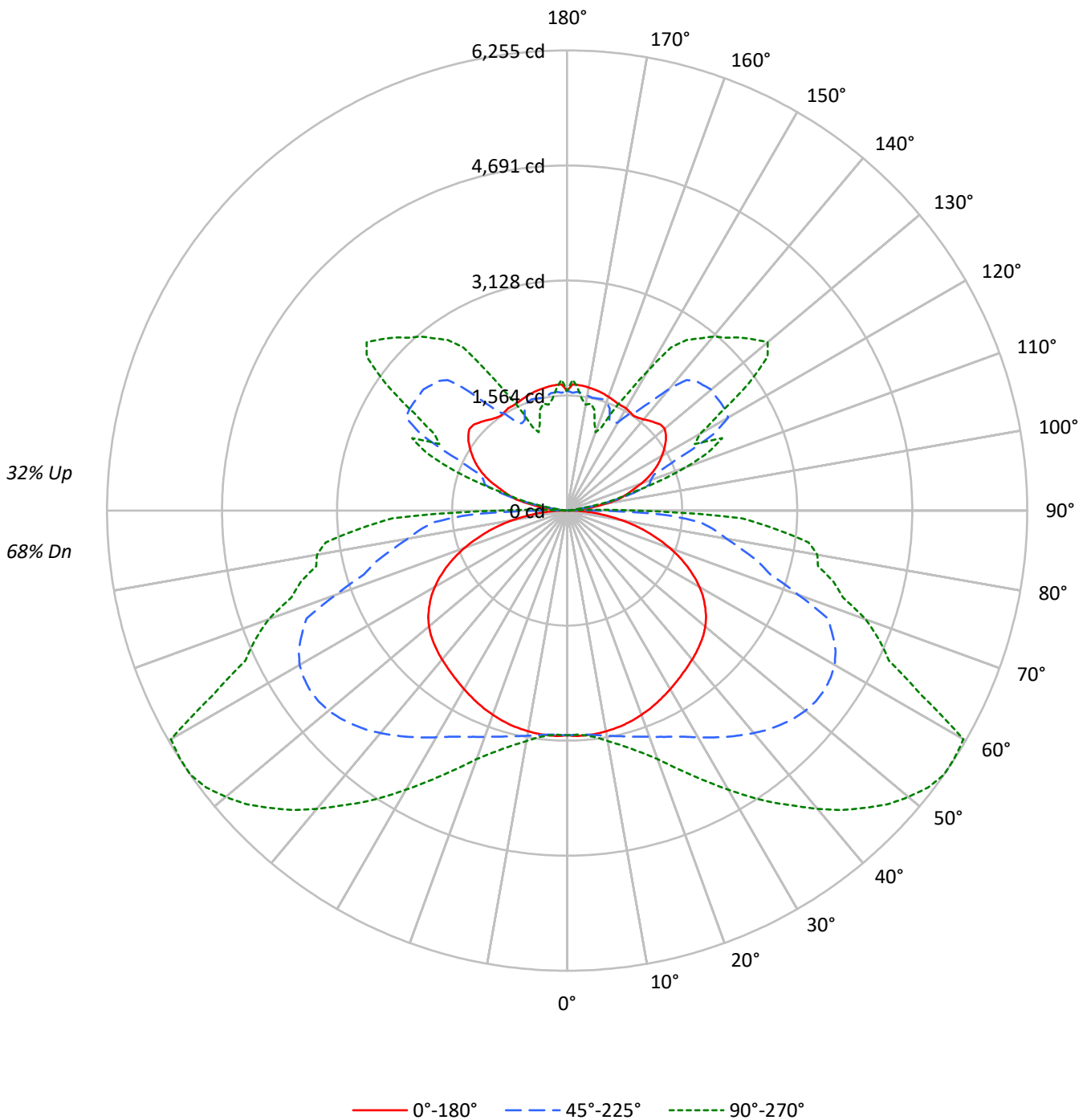
Lumens per Lamp: N/A  
Luminaire Lumens: 29647.0 lumens  
Efficiency: N/A  
Efficacy: 88.9 lumens/watt  
Spacing Criteria (0/90/45): 1.37 / 2.46 / 2.11  
Luminous Opening: Rectangular (W 1.88' x L: 4' x H: 0')  
CIE Type: Semi-Direct

Input Watts (W): 333.5  
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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CATALOG NUMBER: SKB4-LD5-36-W-UNV-L840-CD4-U all blades horizontal

### 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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	112	112	112	112	105	105	105	105	94	94	94	83	83	83	73	73	73
1	99	93	87	83	93	87	83	78	77	74	70	68	65	62	59	57	55
2	88	78	71	64	82	74	67	61	65	59	55	57	53	49	50	46	43
3	79	67	58	51	74	63	55	48	56	49	44	49	43	39	42	38	34
4	71	58	49	42	67	55	46	40	48	41	36	42	37	32	37	32	28
5	65	51	42	35	61	48	40	33	43	35	30	37	31	27	32	27	23
6	60	45	36	29	56	43	34	28	38	31	25	33	27	22	29	24	20
7	55	41	32	25	51	38	30	24	34	27	22	30	24	19	26	21	17
8	51	37	28	22	47	35	26	21	31	24	19	27	21	17	23	19	15
9	47	33	25	19	44	31	24	18	28	21	17	25	19	15	21	17	13
10	44	30	22	17	41	29	21	16	26	19	15	23	17	13	20	15	12

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

	0°	45°	90°
0°	4385	4385	4385
5°	4416	4403	4420
10°	4439	4529	4635
15°	4473	4722	4976
20°	4511	4997	5489
25°	4568	5370	6266
30°	4644	5896	7257
35°	4766	6578	8482
40°	4952	7394	9916
45°	5193	8349	11599
50°	5472	9445	13519
55°	5731	10669	15651
60°	5970	12051	17851
65°	6131	13517	16392
70°	6229	14036	18113
75°	6268	14920	20797
80°	6204	18145	28537
85°	6106	29876	46526



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	294.4	1.0
10°-20°	906.3	3.1
20°-30°	1588.2	5.4
30°-40°	2376.8	8.0
40°-50°	3203.2	10.8
50°-60°	3824.2	12.9
60°-70°	3615.8	12.2
70°-80°	2762.0	9.3
80°-90°	1723.2	5.8
90°-100°	184.0	0.6
100°-110°	967.6	3.3
110°-120°	1698.9	5.7
120°-130°	2119.9	7.2
130°-140°	1845.4	6.2
140°-150°	1232.4	4.2
150°-160°	709.0	2.4
160°-170°	441.6	1.5
170°-180°	154.1	0.5
0°-30°	2789.0	9.4
0°-40°	5165.8	17.4
0°-60°	12193.1	41.1
0°-90°	20294.1	68.5
90°-120°	2850.6	9.6
90°-150°	8048.2	27.1
90°-180°	9353.0	31.5
0°-180°	29647.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	3055	3055	3055	3055	3055	
5°	3065	3081	3056	3067	3068	292
15°	3010	3077	3178	3300	3349	851
25°	2884	3047	3391	3804	3957	1332
35°	2720	3012	3754	4561	4841	1707
45°	2558	3002	4114	5304	5715	1977
55°	2290	2910	4264	5730	6255	2045
65°	1805	2522	3980	4617	4827	1780
75°	1130	1849	2691	3432	3750	1188
85°	371	808	1814	2515	2825	379
90°	15	98	375	728	932	33
95°	194	103	18	10	6	226
105°	828	942	947	909	837	864
115°	1310	1614	1632	1832	2326	1286
125°	1637	1716	2551	3133	3018	1457
135°	1691	1399	2487	3079	3326	1308
145°	1573	1481	1642	2573	2829	999
155°	1612	1556	1359	1485	1530	748
165°	1676	1647	1577	1578	1423	474
175°	1714	1696	1618	1499	1664	163
180°	1627	1627	1627	1627	1627	



TEST NUMBER: P236533

CATALOG NUMBER: SKB4-LD5-36-W-UNV-L840-CD4-U all blades horizontal

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	3055.1	3055.1	3055.1	3055.1	3055.1	3055.1	3055.1	3055.1	3055.1	3055.1	3055.1
2.5°	3067.9	3067.9	3075.6	3075.6	3080.7	3080.7	3076.9	3067.9	3061.5	3048.6	3040.9
5°	3065.3	3064.0	3074.3	3074.3	3080.7	3080.7	3076.9	3071.7	3065.3	3056.3	3052.5
7.5°	3058.9	3058.9	3067.9	3070.5	3078.2	3083.3	3084.6	3082.0	3082.0	3078.2	3076.9
10°	3046.1	3048.6	3058.9	3067.9	3087.1	3100.0	3106.4	3109.0	3110.2	3107.7	3110.2
12.5°	3030.7	3033.3	3049.9	3062.8	3074.3	3089.7	3102.5	3115.4	3129.5	3139.7	3152.6
15°	3010.2	3012.7	3029.4	3040.9	3064.0	3089.7	3111.5	3133.3	3159.0	3178.2	3197.5
17.5°	2985.8	2988.3	3003.7	3023.0	3056.3	3089.7	3120.5	3153.9	3191.1	3221.9	3253.9
20°	2953.7	2957.5	2976.8	3002.5	3043.5	3087.1	3129.5	3175.7	3227.0	3271.9	3318.1
22.5°	2921.6	2924.2	2948.6	2980.6	3029.4	3083.3	3137.2	3198.8	3265.5	3328.4	3393.8
25°	2884.4	2887.0	2916.5	2956.3	3014.0	3079.4	3148.7	3223.1	3311.7	3391.2	3478.5
27.5°	2843.4	2847.2	2883.1	2930.6	2997.3	3075.6	3160.3	3253.9	3360.4	3465.7	3581.1
30°	2802.3	2806.1	2847.2	2902.4	2980.6	3073.0	3174.4	3286.0	3423.3	3558.0	3697.9
32.5°	2761.2	2767.6	2813.8	2875.4	2965.2	3071.7	3192.4	3329.6	3499.0	3655.6	3821.1
35°	2720.2	2726.6	2779.2	2848.5	2951.1	3073.0	3212.9	3381.0	3576.0	3754.4	3944.3
37.5°	2680.4	2689.4	2745.8	2824.1	2937.0	3078.2	3243.7	3436.1	3650.4	3851.9	4066.1
40°	2643.2	2652.2	2712.5	2799.7	2925.5	3084.6	3278.3	3491.3	3728.7	3946.8	4185.5
42.5°	2603.4	2613.7	2679.1	2774.1	2912.6	3097.4	3310.4	3546.5	3799.3	4039.2	4290.7
45°	2558.5	2571.3	2639.3	2743.3	2896.0	3107.7	3338.6	3594.0	3858.3	4113.6	4392.1
47.5°	2511.0	2522.6	2594.4	2708.6	2878.0	3111.5	3356.6	3620.9	3901.9	4181.6	4480.6
50°	2450.7	2463.6	2539.3	2663.7	2854.9	3105.1	3356.6	3637.6	3935.3	4230.4	4547.3
52.5°	2380.2	2394.3	2475.1	2609.8	2820.3	3085.9	3345.0	3636.3	3945.5	4259.9	4592.2
55°	2290.3	2309.6	2395.5	2545.7	2775.3	3044.8	3306.6	3613.2	3936.6	4263.7	4610.2
57.5°	2194.1	2209.5	2303.2	2468.7	2712.5	2981.9	3253.9	3568.3	3900.6	4243.2	4603.8
60°	2079.9	2095.3	2198.0	2377.6	2627.8	2890.8	3178.2	3495.2	3845.5	4198.3	4560.1
62.5°	1949.0	1965.7	2076.1	2272.4	2520.0	2784.3	3079.4	3407.9	3765.9	4113.6	4460.1
65°	1805.3	1822.0	1943.9	2151.8	2384.0	2659.9	2965.2	3298.9	3651.7	3980.2	4335.6
67.5°	1650.1	1670.6	1807.9	2014.5	2242.9	2517.4	2828.0	3160.3	3490.0	3835.2	3989.2
70°	1484.5	1508.9	1656.5	1852.8	2081.2	2360.9	2670.1	2981.9	3314.2	3345.0	3304.0
72.5°	1310.0	1344.7	1501.2	1679.6	1905.4	2182.6	2471.3	2788.2	2753.5	2897.2	3121.8
75°	1130.4	1171.5	1329.3	1494.8	1720.6	1977.3	2271.1	2277.5	2479.0	2690.7	2887.0
77.5°	943.1	1007.2	1140.7	1304.9	1514.1	1766.8	1837.4	2029.9	2236.4	2428.9	2634.2
80°	750.6	831.4	944.4	1103.5	1299.8	1380.6	1566.7	1772.0	1993.9	2195.4	2377.6
82.5°	558.1	644.1	742.9	876.4	955.9	1116.3	1320.3	1529.5	1768.1	2024.7	2277.5
85°	370.8	438.8	512.0	581.2	714.7	902.0	1172.8	1429.4	1646.2	1814.3	2000.4
87.5°	180.9	225.8	278.4	400.3	573.5	698.0	846.8	1003.4	1167.6	1334.4	1515.3
90°	15.4	18.0	20.5	38.5	77.0	118.0	198.9	239.9	323.3	374.7	464.5
92.5°	30.8	26.9	18.0	12.8	11.5	10.3	7.7	6.4	3.8	1.3	0.0
95°	193.7	209.1	175.8	130.9	114.2	92.4	57.7	38.5	25.7	18.0	14.1
97.5°	356.7	400.3	396.5	334.9	304.1	275.9	232.2	237.4	209.1	173.2	141.1
100°	533.8	608.2	592.8	550.5	513.2	503.0	469.6	451.7	404.2	386.2	404.2
102.5°	712.1	771.1	785.3	826.3	713.4	698.0	699.3	699.3	687.7	671.1	644.1
105°	827.6	876.4	929.0	976.4	1040.6	843.0	825.0	895.6	941.8	946.9	952.1
107.5°	931.5	964.9	1056.0	1117.6	1189.4	1235.6	963.6	967.5	1091.9	1171.5	1230.5
110°	1071.4	1084.2	1139.4	1266.4	1329.3	1442.2	1423.0	1133.0	1088.1	1208.7	1417.8



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CATALOG NUMBER: SKB4-LD5-36-W-UNV-L840-CD4-U all blades horizontal

**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	1198.4	1195.8	1176.6	1372.9	1457.6	1551.3	1720.6	1673.2	1352.4	1275.4	1320.3
115°	1310.0	1289.5	1213.8	1396.0	1567.9	1660.3	1801.5	2013.2	1941.3	1632.1	1502.5
117.5°	1403.7	1370.4	1298.5	1392.2	1659.0	1760.4	1883.6	2070.9	2286.5	2235.2	2010.6
120°	1487.1	1451.2	1402.4	1379.3	1651.4	1856.6	1979.8	2131.2	2328.8	2527.7	2544.4
122.5°	1564.1	1526.9	1511.5	1366.5	1589.8	1925.9	2047.8	2192.8	2357.1	2548.2	2736.9
125°	1637.2	1594.9	1592.3	1380.6	1535.9	1895.1	2119.7	2254.4	2390.4	2550.8	2731.7
127.5°	1693.7	1651.4	1647.5	1424.2	1493.5	1768.1	2140.2	2282.6	2425.1	2547.0	2721.5
130°	1732.2	1695.0	1673.2	1515.3	1424.2	1657.8	2019.6	2298.0	2414.8	2557.2	2697.1
132.5°	1727.1	1697.5	1660.3	1575.6	1384.5	1566.7	1819.4	2209.5	2399.4	2517.4	2684.2
135°	1691.1	1673.2	1630.8	1605.2	1372.9	1425.5	1652.6	1968.3	2327.5	2486.6	2621.4
137.5°	1656.5	1647.5	1600.0	1598.7	1425.5	1363.9	1552.6	1754.0	2099.2	2407.1	2558.5
140°	1616.7	1615.4	1571.8	1573.1	1485.8	1322.9	1403.7	1597.5	1836.1	2156.9	2441.7
142.5°	1588.5	1591.0	1547.4	1541.0	1520.5	1343.4	1346.0	1516.6	1638.5	1857.9	2163.3
145°	1573.1	1574.4	1533.3	1517.9	1521.8	1439.6	1310.0	1369.1	1550.0	1642.4	1852.8
147.5°	1587.2	1579.5	1525.6	1496.1	1515.3	1488.4	1355.0	1320.3	1383.2	1550.0	1628.3
150°	1606.4	1597.5	1547.4	1498.7	1507.6	1530.7	1473.0	1340.8	1333.1	1383.2	1543.6
152.5°	1603.9	1607.7	1585.9	1546.1	1535.9	1551.3	1530.7	1458.9	1346.0	1337.0	1378.1
155°	1611.6	1612.9	1606.4	1573.1	1553.8	1559.0	1548.7	1524.3	1466.6	1358.8	1337.0
157.5°	1628.3	1629.5	1619.3	1591.0	1569.2	1564.1	1564.1	1561.5	1539.7	1506.4	1397.3
160°	1644.9	1646.2	1642.4	1620.6	1597.5	1583.3	1575.6	1582.1	1579.5	1567.9	1538.4
162.5°	1661.6	1660.3	1664.2	1650.1	1625.7	1611.6	1592.3	1588.5	1588.5	1588.5	1587.2
165°	1675.7	1674.4	1679.6	1674.4	1657.8	1636.0	1615.4	1597.5	1587.2	1576.9	1583.3
167.5°	1687.3	1686.0	1689.8	1691.1	1683.4	1665.5	1638.5	1619.3	1596.2	1571.8	1559.0
170°	1697.5	1696.3	1698.8	1701.4	1696.3	1687.3	1660.3	1642.4	1618.0	1585.9	1555.1
172.5°	1707.8	1704.0	1704.0	1704.0	1700.1	1692.4	1673.2	1657.8	1638.5	1611.6	1579.5
175°	1714.2	1710.4	1709.1	1705.2	1700.1	1692.4	1674.4	1657.8	1638.5	1618.0	1592.3
177.5°	1716.8	1712.9	1710.4	1706.5	1700.1	1691.1	1671.9	1652.6	1629.5	1603.9	1580.8
180°	1627.0	1627.0	1627.0	1627.0	1627.0	1627.0	1627.0	1627.0	1627.0	1627.0	1627.0



TEST NUMBER: P236533

CATALOG NUMBER: SKB4-LD5-36-W-UNV-L840-CD4-U all blades horizontal

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°
0°	3055.1	3055.1	3055.1	3055.1	3055.1	3055.1	3055.1	3055.1
2.5°	3035.8	3040.9	3043.5	3048.6	3047.4	3048.6	3056.3	3048.6
5°	3051.2	3058.9	3064.0	3070.5	3069.2	3069.2	3074.3	3067.9
7.5°	3079.4	3092.3	3102.5	3111.5	3110.2	3112.8	3120.5	3111.5
10°	3117.9	3137.2	3151.3	3165.4	3170.5	3174.4	3184.7	3180.8
12.5°	3166.7	3194.9	3215.5	3233.4	3241.1	3250.1	3261.6	3255.2
15°	3224.4	3260.4	3287.3	3311.7	3324.5	3338.6	3354.0	3348.9
17.5°	3292.4	3341.2	3374.6	3410.5	3429.7	3447.7	3466.9	3459.2
20°	3374.6	3438.7	3486.2	3531.1	3558.0	3585.0	3601.7	3594.0
22.5°	3465.7	3551.6	3617.1	3678.6	3718.4	3747.9	3771.0	3768.5
25°	3578.6	3685.1	3768.5	3839.0	3894.2	3931.4	3959.6	3957.1
27.5°	3708.2	3833.9	3935.3	4021.2	4089.2	4138.0	4159.8	4162.4
30°	3848.0	3996.9	4117.5	4220.1	4298.4	4352.3	4375.4	4379.2
32.5°	3994.3	4167.5	4303.5	4419.0	4510.1	4573.0	4596.1	4608.9
35°	4139.3	4331.7	4493.4	4629.4	4728.2	4797.5	4821.9	4841.1
37.5°	4283.0	4503.7	4680.8	4828.3	4937.4	5015.6	5046.4	5051.6
40°	4422.8	4657.7	4861.7	5033.6	5156.8	5238.9	5277.4	5292.8
42.5°	4555.0	4818.0	5040.0	5232.5	5371.1	5455.7	5505.8	5521.2
45°	4680.8	4968.2	5204.3	5404.4	5548.1	5643.1	5699.5	5714.9
47.5°	4786.0	5090.1	5348.0	5568.7	5723.9	5830.4	5886.9	5910.0
50°	4874.5	5197.8	5472.4	5703.4	5861.2	5971.6	6034.4	6055.0
52.5°	4939.9	5265.8	5549.4	5794.5	5963.9	6089.6	6153.8	6183.3
55°	4970.7	5312.0	5604.6	5856.1	6024.2	6153.8	6221.8	6255.1
57.5°	4970.7	5313.3	5591.8	5824.0	5988.2	6125.5	6215.3	6248.7
60°	4910.4	5235.1	5534.0	5793.2	5971.6	6106.3	6202.5	6219.2
62.5°	4819.3	5151.6	5450.6	5517.3	5467.3	5412.1	5403.1	5422.4
65°	4692.3	4678.2	4644.8	4589.7	4642.3	4746.2	4794.9	4827.0
67.5°	3922.4	3954.5	4145.7	4295.8	4404.9	4494.7	4558.9	4592.2
70°	3534.9	3749.2	3935.3	4091.8	4179.1	4250.9	4286.8	4316.4
72.5°	3339.9	3511.8	3645.3	3762.1	3828.8	3894.2	3912.2	3931.4
75°	3064.0	3211.6	3360.4	3502.9	3609.4	3688.9	3731.3	3750.5
77.5°	2842.1	3005.0	3134.6	3265.5	3357.9	3423.3	3460.5	3492.6
80°	2570.1	2777.9	2970.4	3144.9	3271.9	3364.3	3427.2	3452.8
82.5°	2514.9	2726.6	2912.6	3057.6	3164.1	3246.2	3288.6	3307.8
85°	2162.0	2304.4	2445.6	2584.2	2695.8	2775.3	2813.8	2825.4
87.5°	1673.2	1820.7	1995.2	2110.7	2227.5	2318.6	2367.3	2376.3
90°	528.6	594.1	708.3	748.0	810.9	884.1	927.7	931.5
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	12.8	11.5	10.3	10.3	9.0	7.7	6.4	6.4
97.5°	118.0	88.5	70.6	56.5	44.9	39.8	38.5	38.5
100°	404.2	382.4	356.7	350.3	329.8	315.6	301.5	302.8
102.5°	614.6	569.7	581.2	606.9	621.0	626.2	619.7	623.6
105°	954.6	935.4	912.3	905.9	889.2	859.7	835.3	836.6
107.5°	1263.9	1281.8	1293.4	1295.9	1289.5	1280.5	1263.9	1266.4
110°	1508.9	1587.2	1643.7	1691.1	1705.2	1701.4	1707.8	1712.9





TEST NUMBER: P236533

CATALOG NUMBER: SKB4-LD5-36-W-UNV-L840-CD4-U all blades horizontal

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°
112.5°	1507.6	1779.7	1890.0	1972.1	2022.2	2050.4	2069.6	2082.5
115°	1471.7	1564.1	1734.8	1929.8	2151.8	2269.8	2307.0	2326.3
117.5°	1822.0	1763.0	1763.0	1738.6	1807.9	1897.7	1940.0	1956.7
120°	2405.8	2201.8	2122.2	2083.8	2082.5	2094.0	2081.2	2081.2
122.5°	2854.9	2783.0	2690.7	2600.8	2507.2	2482.8	2458.4	2462.3
125°	2934.5	3109.0	3141.0	3125.6	3093.6	3052.5	3017.9	3017.9
127.5°	2892.1	3110.2	3257.8	3374.6	3459.2	3440.0	3431.0	3432.3
130°	2867.7	3039.7	3192.4	3345.0	3452.8	3517.0	3547.8	3559.3
132.5°	2835.7	2975.5	3117.9	3238.5	3321.9	3392.5	3429.7	3443.8
135°	2768.9	2924.2	3029.4	3129.5	3215.5	3282.2	3307.8	3325.8
137.5°	2680.4	2810.0	2933.2	3049.9	3124.4	3166.7	3178.2	3185.9
140°	2598.3	2707.3	2808.7	2898.5	2979.4	3049.9	3076.9	3087.1
142.5°	2439.2	2608.5	2690.7	2770.2	2835.7	2902.4	2938.3	2947.3
145°	2090.2	2355.8	2513.6	2632.9	2706.1	2766.4	2801.0	2829.2
147.5°	1802.8	1988.8	2144.1	2322.4	2450.7	2561.1	2617.5	2630.4
150°	1605.2	1716.8	1827.1	1931.1	2035.0	2129.9	2181.3	2190.3
152.5°	1452.5	1593.6	1630.8	1669.3	1737.3	1795.1	1804.0	1811.7
155°	1348.5	1379.3	1437.1	1532.0	1583.3	1570.5	1548.7	1529.5
157.5°	1344.7	1324.2	1333.1	1339.6	1321.6	1294.6	1256.2	1229.2
160°	1497.4	1394.7	1348.5	1312.6	1256.2	1199.7	1139.4	1133.0
162.5°	1579.5	1550.0	1525.6	1485.8	1381.9	1278.0	1240.8	1235.6
165°	1588.5	1588.5	1585.9	1570.5	1508.9	1446.1	1424.2	1423.0
167.5°	1555.1	1564.1	1569.2	1574.4	1555.1	1524.3	1493.5	1488.4
170°	1530.7	1525.6	1524.3	1520.5	1539.7	1535.9	1497.4	1460.2
172.5°	1538.4	1516.6	1502.5	1498.7	1533.3	1567.9	1543.6	1528.2
175°	1550.0	1514.1	1493.5	1503.8	1544.9	1612.9	1651.4	1664.2
177.5°	1539.7	1493.5	1470.4	1493.5	1543.6	1634.7	1737.3	1779.7
180°	1627.0	1627.0	1627.0	1627.0	1627.0	1627.0	1627.0	1627.0

(END OF REPORT)