

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: P236529

Luminaire Tested: **SKB4-LD5-30-W-UNV-L835-CD4-U all blades horizontal**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P236529
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-LD5-30-W-UNV-L835-CD4-U all blades horizontal
Description: METALUX SKYBAR LED WAVESTREAM LUMINAIRE
4 BLADES WITH WIDE DISTRIBUTION LENS, ALL BLADES HORIZONTAL
Light Source: (952) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

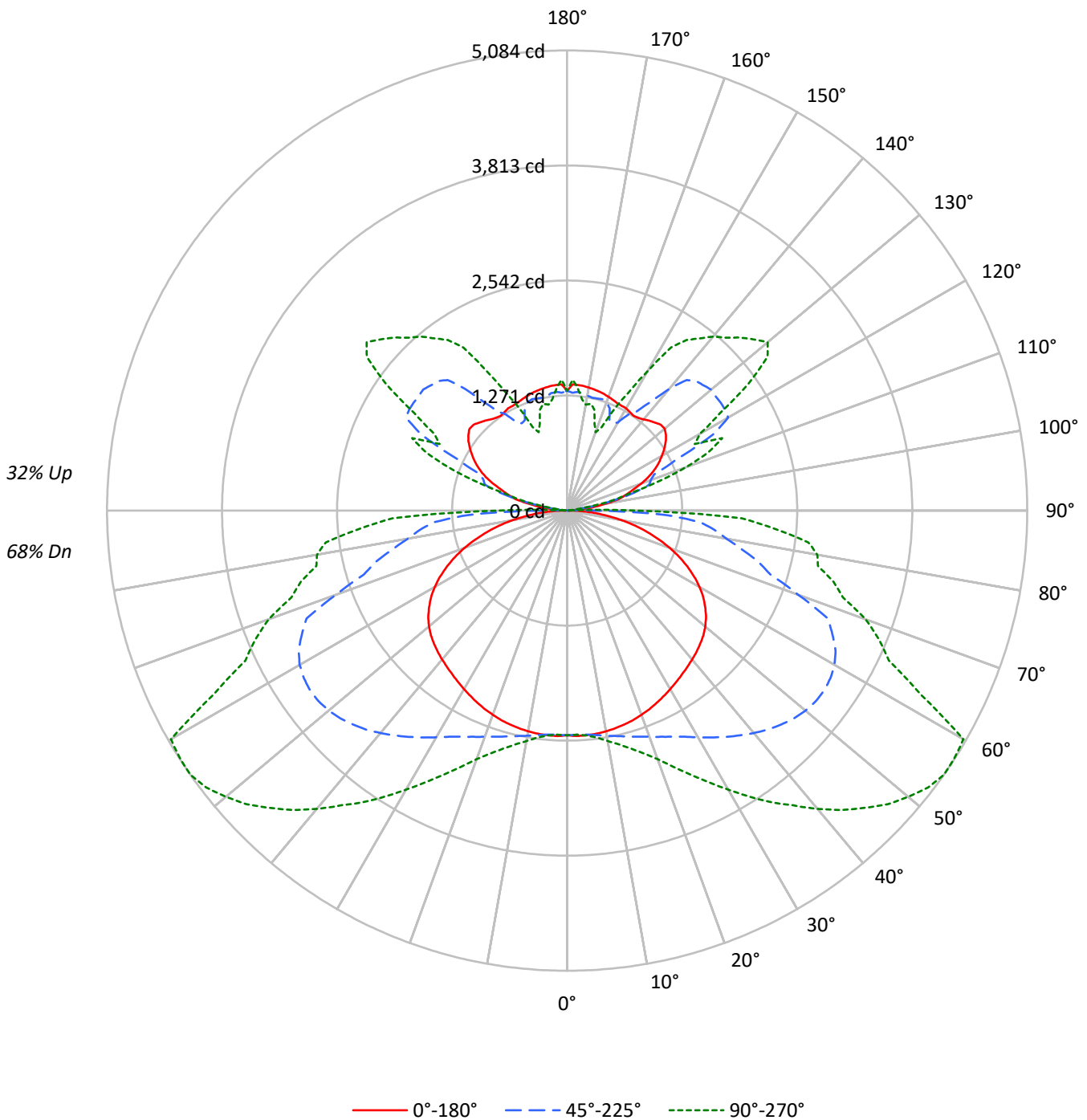
Lumens per Lamp: N/A
Luminaire Lumens: 24095.0 lumens
Efficiency: N/A
Efficacy: 92.5 lumens/watt
Spacing Criteria (0/90/45): 1.37 / 2.46 / 2.11
Luminous Opening: Rectangular (W 1.88' x L: 4' x H: 0')
CIE Type: Semi-Direct

Input Watts (W): 260.5
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

TEST NUMBER: P236529

CATALOG NUMBER: SKB4-LD5-30-W-UNV-L835-CD4-U all blades horizontal

Luminous Intensity Polar Plot





TEST NUMBER: P236529

CATALOG NUMBER: SKB4-LD5-30-W-UNV-L835-CD4-U all blades horizontal

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	112	112	112	112	105	105	105	105	94	94	94	83	83	83	73	73	73	68
1	99	93	87	83	93	87	83	78	77	74	70	68	65	62	59	57	55	51
2	88	78	71	64	82	74	67	61	65	59	55	57	53	49	50	46	43	39
3	79	67	58	51	74	63	55	48	56	49	44	49	43	39	42	38	34	31
4	71	58	49	42	67	55	46	40	48	41	36	42	37	32	37	32	28	25
5	65	51	42	35	61	48	40	33	43	35	30	37	31	27	32	27	23	20
6	60	45	36	29	56	43	34	28	38	31	25	33	27	22	29	24	20	17
7	55	41	32	25	51	38	30	24	34	27	22	30	24	19	26	21	17	15
8	51	37	28	22	47	35	26	21	31	24	19	27	21	17	23	19	15	13
9	47	33	25	19	44	31	24	18	28	21	17	25	19	15	21	17	13	11
10	44	30	22	17	41	29	21	16	26	19	15	23	17	13	20	15	12	10

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	3563	3563	3563
5°	3589	3579	3592
10°	3608	3681	3767
15°	3635	3838	4044
20°	3666	4061	4461
25°	3712	4365	5093
30°	3774	4792	5898
35°	3873	5346	6893
40°	4025	6010	8059
45°	4220	6786	9427
50°	4447	7677	10987
55°	4658	8671	12720
60°	4852	9794	14508
65°	4983	10985	13323
70°	5063	11408	14720
75°	5094	12126	16902
80°	5042	14747	23193
85°	4963	24281	37813



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CATALOG NUMBER: SKB4-LD5-30-W-UNV-L835-CD4-U all blades horizontal

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	239.3	1.0
10°-20°	736.6	3.1
20°-30°	1290.8	5.4
30°-40°	1931.7	8.0
40°-50°	2603.3	10.8
50°-60°	3108.0	12.9
60°-70°	2938.7	12.2
70°-80°	2244.7	9.3
80°-90°	1400.5	5.8
90°-100°	149.6	0.6
100°-110°	786.4	3.3
110°-120°	1380.8	5.7
120°-130°	1722.9	7.2
130°-140°	1499.8	6.2
140°-150°	1001.6	4.2
150°-160°	576.2	2.4
160°-170°	358.9	1.5
170°-180°	125.3	0.5
0°-30°	2266.7	9.4
0°-40°	4198.4	17.4
0°-60°	9909.7	41.1
0°-90°	16493.6	68.5
90°-120°	2316.8	9.6
90°-150°	6541.0	27.1
90°-180°	7601.0	31.5
0°-180°	24095.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2483	2483	2483	2483	2483	
5°	2491	2504	2484	2493	2493	237
15°	2446	2501	2583	2682	2722	692
25°	2344	2476	2756	3091	3216	1082
35°	2211	2448	3051	3707	3934	1388
45°	2079	2440	3343	4311	4645	1607
55°	1861	2365	3465	4657	5084	1662
65°	1467	2050	3235	3753	3923	1446
75°	919	1503	2187	2789	3048	965
85°	301	657	1474	2044	2296	308
90°	12	79	304	592	757	27
95°	158	84	15	8	5	184
105°	673	765	770	739	680	702
115°	1065	1312	1326	1489	1891	1045
125°	1331	1394	2073	2547	2453	1184
135°	1374	1137	2021	2503	2703	1063
145°	1278	1203	1335	2091	2299	812
155°	1310	1265	1104	1207	1243	608
165°	1362	1338	1282	1283	1156	385
175°	1393	1379	1315	1218	1352	132
180°	1322	1322	1322	1322	1322	



TEST NUMBER: P236529

CATALOG NUMBER: SKB4-LD5-30-W-UNV-L835-CD4-U all blades horizontal

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	2482.9	2482.9	2482.9	2482.9	2482.9	2482.9	2482.9	2482.9	2482.9	2482.9	2482.9
2.5°	2493.4	2493.4	2499.6	2499.6	2503.8	2503.8	2500.7	2493.4	2488.2	2477.7	2471.5
5°	2491.3	2490.2	2498.6	2498.6	2503.8	2503.8	2500.7	2496.5	2491.3	2484.0	2480.9
7.5°	2486.1	2486.1	2493.4	2495.5	2501.7	2505.9	2506.9	2504.8	2504.8	2501.7	2500.7
10°	2475.6	2477.7	2486.1	2493.4	2509.0	2519.4	2524.7	2526.7	2527.8	2525.7	2527.8
12.5°	2463.1	2465.2	2478.8	2489.2	2498.6	2511.1	2521.5	2532.0	2543.4	2551.8	2562.2
15°	2446.4	2448.5	2462.1	2471.5	2490.2	2511.1	2528.8	2546.6	2567.4	2583.1	2598.7
17.5°	2426.6	2428.7	2441.2	2456.9	2484.0	2511.1	2536.1	2563.2	2593.5	2618.5	2644.6
20°	2400.6	2403.7	2419.3	2440.2	2473.6	2509.0	2543.4	2581.0	2622.7	2659.2	2696.7
22.5°	2374.5	2376.6	2396.4	2422.5	2462.1	2505.9	2549.7	2599.7	2654.0	2705.1	2758.2
25°	2344.2	2346.3	2370.3	2402.6	2449.6	2502.8	2559.1	2619.5	2691.5	2756.2	2827.1
27.5°	2310.9	2314.0	2343.2	2381.8	2436.0	2499.6	2568.5	2644.6	2731.1	2816.6	2910.5
30°	2277.5	2280.6	2314.0	2358.8	2422.5	2497.5	2579.9	2670.6	2782.2	2891.7	3005.4
32.5°	2244.1	2249.4	2286.9	2336.9	2409.9	2496.5	2594.5	2706.1	2843.8	2971.0	3105.5
35°	2210.8	2216.0	2258.7	2315.0	2398.5	2497.5	2611.2	2747.8	2906.3	3051.3	3205.6
37.5°	2178.4	2185.7	2231.6	2295.2	2387.0	2501.7	2636.2	2792.7	2966.8	3130.5	3304.7
40°	2148.2	2155.5	2204.5	2275.4	2377.6	2506.9	2664.4	2837.5	3030.4	3207.7	3401.7
42.5°	2115.9	2124.2	2177.4	2254.6	2367.2	2517.4	2690.5	2882.3	3087.8	3282.8	3487.2
45°	2079.4	2089.8	2145.1	2229.5	2353.6	2525.7	2713.4	2920.9	3135.7	3343.3	3569.6
47.5°	2040.8	2050.2	2108.6	2201.4	2339.0	2528.8	2728.0	2942.8	3171.2	3398.5	3641.5
50°	1991.8	2002.2	2063.7	2164.9	2320.3	2523.6	2728.0	2956.4	3198.3	3438.2	3695.7
52.5°	1934.4	1945.9	2011.6	2121.1	2292.1	2508.0	2718.6	2955.3	3206.7	3462.1	3732.2
55°	1861.4	1877.1	1946.9	2068.9	2255.6	2474.6	2687.3	2936.6	3199.4	3465.3	3746.8
57.5°	1783.2	1795.7	1871.9	2006.4	2204.5	2423.5	2644.6	2900.1	3170.2	3448.6	3741.6
60°	1690.4	1702.9	1786.3	1932.3	2135.7	2349.5	2583.1	2840.6	3125.3	3412.1	3706.2
62.5°	1584.0	1597.6	1687.3	1846.8	2048.1	2262.9	2502.8	2769.7	3060.7	3343.3	3624.8
65°	1467.2	1480.8	1579.9	1748.8	1937.5	2161.8	2409.9	2681.1	2967.8	3234.8	3523.7
67.5°	1341.1	1357.7	1469.3	1637.2	1822.8	2046.0	2298.4	2568.5	2836.5	3117.0	3242.1
70°	1206.5	1226.3	1346.3	1505.8	1691.4	1918.8	2170.1	2423.5	2693.6	2718.6	2685.2
72.5°	1064.7	1092.9	1220.1	1365.0	1548.6	1773.8	2008.5	2266.0	2237.9	2354.7	2537.2
75°	918.7	952.1	1080.4	1214.9	1398.4	1607.0	1845.8	1851.0	2014.7	2186.8	2346.3
77.5°	766.5	818.6	927.1	1060.5	1230.5	1436.0	1493.3	1649.7	1817.6	1974.0	2140.9
80°	610.0	675.7	767.5	896.8	1056.4	1122.1	1273.3	1440.1	1620.5	1784.3	1932.3
82.5°	453.6	523.5	603.8	712.2	776.9	907.2	1073.1	1243.0	1437.0	1645.6	1851.0
85°	301.4	356.6	416.1	472.4	580.8	733.1	953.1	1161.7	1337.9	1474.5	1625.7
87.5°	147.0	183.5	226.3	325.4	466.1	567.3	688.3	815.5	949.0	1084.5	1231.6
90°	12.5	14.6	16.7	31.3	62.6	95.9	161.6	195.0	262.8	304.5	377.5
92.5°	25.0	21.9	14.6	10.4	9.4	8.3	6.3	5.2	3.1	1.0	0.0
95°	157.5	170.0	142.9	106.4	92.8	75.1	46.9	31.3	20.9	14.6	11.5
97.5°	289.9	325.4	322.2	272.2	247.1	224.2	188.7	192.9	170.0	140.8	114.7
100°	433.8	494.3	481.8	447.4	417.1	408.8	381.7	367.1	328.5	313.9	328.5
102.5°	578.8	626.7	638.2	671.6	579.8	567.3	568.3	568.3	558.9	545.4	523.5
105°	672.6	712.2	755.0	793.6	845.7	685.1	670.5	727.9	765.4	769.6	773.8
107.5°	757.1	784.2	858.2	908.3	966.7	1004.2	783.2	786.3	887.4	952.1	1000.1
110°	870.7	881.2	926.0	1029.3	1080.4	1172.1	1156.5	920.8	884.3	982.3	1152.3



TEST NUMBER: P236529

CATALOG NUMBER: SKB4-LD5-30-W-UNV-L835-CD4-U all blades horizontal

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	974.0	971.9	956.3	1115.8	1184.6	1260.8	1398.4	1359.8	1099.1	1036.6	1073.1
115°	1064.7	1048.0	986.5	1134.6	1274.3	1349.4	1464.1	1636.2	1577.8	1326.5	1221.1
117.5°	1140.8	1113.7	1055.3	1131.5	1348.4	1430.7	1530.9	1683.1	1858.3	1816.6	1634.1
120°	1208.6	1179.4	1139.8	1121.0	1342.1	1509.0	1609.1	1732.1	1892.7	2054.3	2067.9
122.5°	1271.2	1240.9	1228.4	1110.6	1292.0	1565.3	1664.3	1782.2	1915.6	2071.0	2224.3
125°	1330.6	1296.2	1294.1	1122.1	1248.2	1540.2	1722.7	1832.2	1942.8	2073.1	2220.2
127.5°	1376.5	1342.1	1339.0	1157.5	1213.8	1437.0	1739.4	1855.2	1970.9	2070.0	2211.8
130°	1407.8	1377.6	1359.8	1231.6	1157.5	1347.3	1641.4	1867.7	1962.6	2078.3	2192.0
132.5°	1403.6	1379.6	1349.4	1280.6	1125.2	1273.3	1478.7	1795.7	1950.1	2046.0	2181.6
135°	1374.4	1359.8	1325.4	1304.6	1115.8	1158.6	1343.1	1599.7	1891.7	2021.0	2130.5
137.5°	1346.3	1339.0	1300.4	1299.3	1158.6	1108.5	1261.8	1425.5	1706.0	1956.3	2079.4
140°	1313.9	1312.9	1277.4	1278.5	1207.6	1075.1	1140.8	1298.3	1492.3	1753.0	1984.5
142.5°	1291.0	1293.1	1257.6	1252.4	1235.7	1091.8	1093.9	1232.6	1331.7	1510.0	1758.2
145°	1278.5	1279.5	1246.2	1233.6	1236.8	1170.0	1064.7	1112.7	1259.7	1334.8	1505.8
147.5°	1290.0	1283.7	1239.9	1215.9	1231.6	1209.7	1101.2	1073.1	1124.2	1259.7	1323.3
150°	1305.6	1298.3	1257.6	1218.0	1225.3	1244.1	1197.2	1089.7	1083.5	1124.2	1254.5
152.5°	1303.5	1306.6	1288.9	1256.6	1248.2	1260.8	1244.1	1185.7	1093.9	1086.6	1120.0
155°	1309.8	1310.8	1305.6	1278.5	1262.8	1267.0	1258.7	1238.9	1191.9	1104.3	1086.6
157.5°	1323.3	1324.4	1316.0	1293.1	1275.4	1271.2	1271.2	1269.1	1251.4	1224.3	1135.6
160°	1336.9	1337.9	1334.8	1317.1	1298.3	1286.8	1280.6	1285.8	1283.7	1274.3	1250.3
162.5°	1350.4	1349.4	1352.5	1341.1	1321.2	1309.8	1294.1	1291.0	1291.0	1291.0	1290.0
165°	1361.9	1360.9	1365.0	1360.9	1347.3	1329.6	1312.9	1298.3	1290.0	1281.6	1286.8
167.5°	1371.3	1370.3	1373.4	1374.4	1368.2	1353.6	1331.7	1316.0	1297.3	1277.4	1267.0
170°	1379.6	1378.6	1380.7	1382.8	1378.6	1371.3	1349.4	1334.8	1315.0	1288.9	1263.9
172.5°	1388.0	1384.9	1384.9	1384.9	1381.7	1375.5	1359.8	1347.3	1331.7	1309.8	1283.7
175°	1393.2	1390.1	1389.0	1385.9	1381.7	1375.5	1360.9	1347.3	1331.7	1315.0	1294.1
177.5°	1395.3	1392.2	1390.1	1386.9	1381.7	1374.4	1358.8	1343.1	1324.4	1303.5	1284.7
180°	1322.3	1322.3	1322.3	1322.3	1322.3	1322.3	1322.3	1322.3	1322.3	1322.3	1322.3



TEST NUMBER: P236529

CATALOG NUMBER: SKB4-LD5-30-W-UNV-L835-CD4-U all blades horizontal

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°
0°	2482.9	2482.9	2482.9	2482.9	2482.9	2482.9	2482.9	2482.9
2.5°	2467.3	2471.5	2473.6	2477.7	2476.7	2477.7	2484.0	2477.7
5°	2479.8	2486.1	2490.2	2495.5	2494.4	2494.4	2498.6	2493.4
7.5°	2502.8	2513.2	2521.5	2528.8	2527.8	2529.9	2536.1	2528.8
10°	2534.0	2549.7	2561.2	2572.6	2576.8	2579.9	2588.3	2585.1
12.5°	2573.7	2596.6	2613.3	2627.9	2634.1	2641.4	2650.8	2645.6
15°	2620.6	2649.8	2671.7	2691.5	2701.9	2713.4	2725.9	2721.7
17.5°	2675.9	2715.5	2742.6	2771.8	2787.4	2802.0	2817.7	2811.4
20°	2742.6	2794.7	2833.3	2869.8	2891.7	2913.6	2927.2	2920.9
22.5°	2816.6	2886.5	2939.7	2989.7	3022.1	3046.1	3064.8	3062.7
25°	2908.4	2995.0	3062.7	3120.1	3164.9	3195.2	3218.1	3216.0
27.5°	3013.7	3115.9	3198.3	3268.2	3323.4	3363.1	3380.8	3382.9
30°	3127.4	3248.4	3346.4	3429.8	3493.4	3537.2	3556.0	3559.1
32.5°	3246.3	3387.1	3497.6	3591.5	3665.5	3716.6	3735.4	3745.8
35°	3364.1	3520.5	3651.9	3762.5	3842.8	3899.1	3918.9	3934.5
37.5°	3480.9	3660.3	3804.2	3924.1	4012.7	4076.4	4101.4	4105.6
40°	3594.6	3785.4	3951.2	4091.0	4191.1	4257.8	4289.1	4301.6
42.5°	3702.0	3915.8	4096.2	4252.6	4365.2	4434.0	4474.7	4487.2
45°	3804.2	4037.8	4229.7	4392.3	4509.1	4586.3	4632.2	4644.7
47.5°	3889.7	4136.8	4346.4	4525.8	4652.0	4738.5	4784.4	4803.2
50°	3961.7	4224.4	4447.6	4635.3	4763.6	4853.3	4904.4	4921.0
52.5°	4014.8	4279.7	4510.2	4709.3	4847.0	4949.2	5001.3	5025.3
55°	4039.9	4317.3	4555.0	4759.4	4896.0	5001.3	5056.6	5083.7
57.5°	4039.9	4318.3	4544.6	4733.3	4866.8	4978.4	5051.4	5078.5
60°	3990.8	4254.7	4497.7	4708.3	4853.3	4962.8	5041.0	5054.5
62.5°	3916.8	4186.9	4429.9	4484.1	4443.4	4398.6	4391.3	4406.9
65°	3813.6	3802.1	3775.0	3730.1	3772.9	3857.4	3897.0	3923.1
67.5°	3187.9	3214.0	3369.3	3491.3	3580.0	3653.0	3705.1	3732.2
70°	2873.0	3047.1	3198.3	3325.5	3396.4	3454.8	3484.0	3508.0
72.5°	2714.4	2854.2	2962.6	3057.5	3111.8	3164.9	3179.5	3195.2
75°	2490.2	2610.2	2731.1	2846.9	2933.4	2998.1	3032.5	3048.1
77.5°	2309.8	2442.3	2547.6	2654.0	2729.0	2782.2	2812.5	2838.5
80°	2088.8	2257.7	2414.1	2555.9	2659.2	2734.3	2785.4	2806.2
82.5°	2043.9	2216.0	2367.2	2485.0	2571.6	2638.3	2672.7	2688.4
85°	1757.1	1872.9	1987.6	2100.2	2191.0	2255.6	2286.9	2296.3
87.5°	1359.8	1479.8	1621.6	1715.4	1810.3	1884.4	1924.0	1931.3
90°	429.6	482.8	575.6	608.0	659.1	718.5	754.0	757.1
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	10.4	9.4	8.3	8.3	7.3	6.3	5.2	5.2
97.5°	95.9	72.0	57.4	45.9	36.5	32.3	31.3	31.3
100°	328.5	310.8	289.9	284.7	268.0	256.5	245.1	246.1
102.5°	499.5	463.0	472.4	493.3	504.7	508.9	503.7	506.8
105°	775.9	760.2	741.4	736.2	722.7	698.7	678.9	679.9
107.5°	1027.2	1041.8	1051.2	1053.2	1048.0	1040.7	1027.2	1029.3
110°	1226.3	1290.0	1335.8	1374.4	1385.9	1382.8	1388.0	1392.2



TEST NUMBER: P236529

CATALOG NUMBER: SKB4-LD5-30-W-UNV-L835-CD4-U all blades horizontal

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°
112.5°	1225.3	1446.4	1536.1	1602.8	1643.5	1666.4	1682.1	1692.5
115°	1196.1	1271.2	1409.9	1568.4	1748.8	1844.7	1875.0	1890.6
117.5°	1480.8	1432.8	1432.8	1413.0	1469.3	1542.3	1576.7	1590.3
120°	1955.3	1789.5	1724.8	1693.5	1692.5	1701.9	1691.4	1691.4
122.5°	2320.3	2261.9	2186.8	2113.8	2037.7	2017.8	1998.0	2001.2
125°	2384.9	2526.7	2552.8	2540.3	2514.2	2480.9	2452.7	2452.7
127.5°	2350.5	2527.8	2647.7	2742.6	2811.4	2795.8	2788.5	2789.5
130°	2330.7	2470.4	2594.5	2718.6	2806.2	2858.4	2883.4	2892.8
132.5°	2304.6	2418.3	2534.0	2632.1	2699.8	2757.2	2787.4	2798.9
135°	2250.4	2376.6	2462.1	2543.4	2613.3	2667.5	2688.4	2703.0
137.5°	2178.4	2283.8	2383.9	2478.8	2539.3	2573.7	2583.1	2589.3
140°	2111.7	2200.3	2282.7	2355.7	2421.4	2478.8	2500.7	2509.0
142.5°	1982.4	2120.0	2186.8	2251.4	2304.6	2358.8	2388.0	2395.3
145°	1698.7	1914.6	2042.9	2139.9	2199.3	2248.3	2276.5	2299.4
147.5°	1465.2	1616.4	1742.5	1887.5	1991.8	2081.5	2127.3	2137.8
150°	1304.6	1395.3	1485.0	1569.4	1653.9	1731.1	1772.8	1780.1
152.5°	1180.5	1295.2	1325.4	1356.7	1412.0	1458.9	1466.2	1472.5
155°	1096.0	1121.0	1168.0	1245.1	1286.8	1276.4	1258.7	1243.0
157.5°	1092.9	1076.2	1083.5	1088.7	1074.1	1052.2	1020.9	999.0
160°	1217.0	1133.5	1096.0	1066.8	1020.9	975.0	926.0	920.8
162.5°	1283.7	1259.7	1239.9	1207.6	1123.1	1038.6	1008.4	1004.2
165°	1291.0	1291.0	1288.9	1276.4	1226.3	1175.3	1157.5	1156.5
167.5°	1263.9	1271.2	1275.4	1279.5	1263.9	1238.9	1213.8	1209.7
170°	1244.1	1239.9	1238.9	1235.7	1251.4	1248.2	1217.0	1186.7
172.5°	1250.3	1232.6	1221.1	1218.0	1246.2	1274.3	1254.5	1242.0
175°	1259.7	1230.5	1213.8	1222.2	1255.5	1310.8	1342.1	1352.5
177.5°	1251.4	1213.8	1195.1	1213.8	1254.5	1328.5	1412.0	1446.4
180°	1322.3	1322.3	1322.3	1322.3	1322.3	1322.3	1322.3	1322.3

(END OF REPORT)