

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-LD5-12-W-RS-UNV-L835-CD2-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-LD5-12-W-RS-UNV-L835-CD2-RS-U
Description: METALUX SKYBAR 8' WAVESTREAM STRIP
WITH WIDE LENS AND REFLECTOR
Light Source: (392) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10976.0 lumens
Efficiency: N/A
Efficacy: 116.4 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

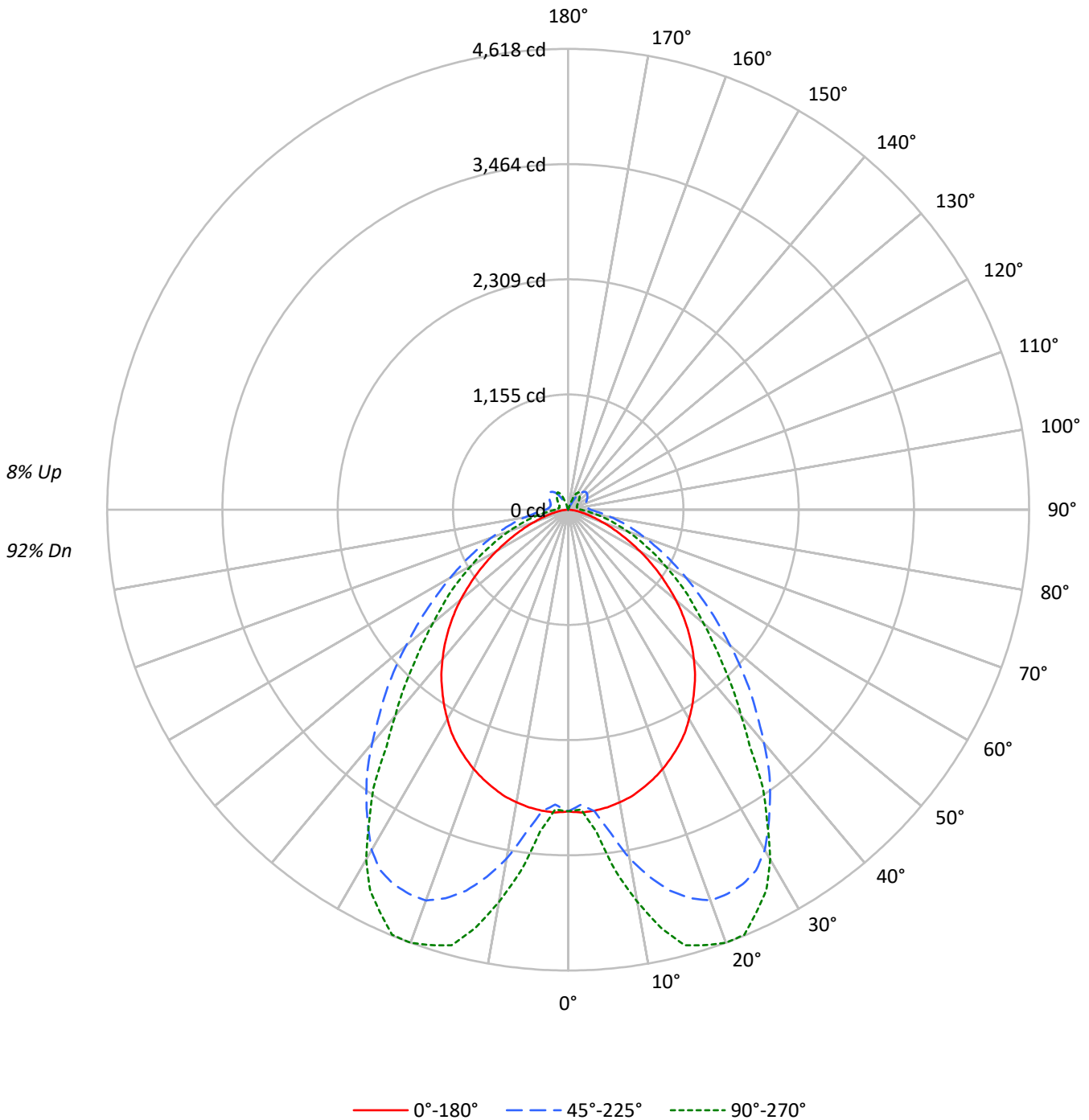
Input Watts (W): 94.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P#

CATALOG NUMBER: 8SKB1-LD5-12-W-RS-UNV-L835-CD2-RS-U

Luminous Intensity Polar Plot





TEST NUMBER: P#

CATALOG NUMBER: 8SKB1-LD5-12-W-RS-UNV-L835-CD2-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 | 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° | 16270 | 16270 | 16270 |
| 5° | 16304 | 15253 | 15873 |
| 10° | 16165 | 16874 | 18083 |
| 15° | 15936 | 17935 | 19182 |
| 20° | 15637 | 18226 | 18566 |
| 25° | 15253 | 17606 | 17135 |
| 30° | 14736 | 16411 | 15030 |
| 35° | 14105 | 14516 | 12304 |
| 40° | 13351 | 12514 | 9569 |
| 45° | 12433 | 10615 | 7677 |
| 50° | 11302 | 8814 | 6195 |
| 55° | 9930 | 7254 | 5072 |
| 60° | 8361 | 5942 | 3999 |
| 65° | 6724 | 4819 | 3100 |
| 70° | 5175 | 3852 | 2363 |
| 75° | 3853 | 3042 | 1710 |
| 80° | 2704 | 2343 | 1213 |
| 85° | 1617 | 1767 | 830 |



TEST NUMBER: P#

CATALOG NUMBER: 8SKB1-LD5-12-W-RS-UNV-L835-CD2-RS-U

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 309.5 | 2.8 |
| 10°-20° | 1076.9 | 9.8 |
| 20°-30° | 1773.0 | 16.2 |
| 30°-40° | 1991.8 | 18.1 |
| 40°-50° | 1772.5 | 16.1 |
| 50°-60° | 1370.8 | 12.5 |
| 60°-70° | 930.8 | 8.5 |
| 70°-80° | 555.5 | 5.1 |
| 80°-90° | 298.0 | 2.7 |
| 90°-100° | 196.1 | 1.8 |
| 100°-110° | 166.3 | 1.5 |
| 110°-120° | 153.9 | 1.4 |
| 120°-130° | 143.3 | 1.3 |
| 130°-140° | 121.6 | 1.1 |
| 140°-150° | 83.0 | 0.8 |
| 150°-160° | 32.1 | 0.3 |
| 160°-170° | 1.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-30° | 3159.3 | 28.8 |
| 0°-40° | 5151.1 | 46.9 |
| 0°-60° | 8294.4 | 75.6 |
| 0°-90° | 10078.7 | 91.8 |
| 90°-120° | 516.3 | 4.7 |
| 90°-150° | 864.2 | 7.9 |
| 90°-180° | 897.0 | 8.2 |
| 0°-180° | 10976.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|------|-------|------|-------|------|------|
| 0° | 3023 | 3023 | 3023 | 3023 | 3023 | |
| 5° | 3028 | 2986 | 3033 | 3195 | 3238 | 287 |
| 15° | 2888 | 3244 | 3953 | 4446 | 4519 | 814 |
| 25° | 2612 | 3355 | 4141 | 4466 | 4455 | 1202 |
| 35° | 2202 | 3022 | 3526 | 3493 | 3403 | 1376 |
| 45° | 1693 | 2335 | 2581 | 2360 | 2185 | 1302 |
| 55° | 1113 | 1591 | 1712 | 1554 | 1441 | 994 |
| 65° | 569 | 989 | 1069 | 964 | 852 | 574 |
| 75° | 210 | 596 | 611 | 526 | 440 | 231 |
| 85° | 37 | 375 | 307 | 240 | 193 | 46 |
| 90° | 3 | 319 | 224 | 163 | 126 | 3 |
| 95° | 2 | 308 | 196 | 138 | 105 | 1 |
| 105° | 2 | 280 | 181 | 117 | 90 | 1 |
| 115° | 2 | 258 | 202 | 128 | 99 | 1 |
| 125° | 2 | 212 | 234 | 156 | 122 | 1 |
| 135° | 2 | 82 | 251 | 200 | 157 | 1 |
| 145° | 2 | 7 | 194 | 227 | 196 | 1 |
| 155° | 2 | 4 | 43 | 150 | 166 | 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-LD5-12-W-RS-UNV-L835-CD2-RS-U

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3023.0 | 3023.0 | 3023.0 | 3023.0 | 3023.0 | 3023.0 | 3023.0 | 3023.0 | 3023.0 | 3023.0 | 3023.0 |
| 2.5° | 3037.8 | 3026.0 | 3005.2 | 3003.7 | 2990.4 | 2984.5 | 2985.9 | 2981.5 | 2977.0 | 2969.6 | 2957.8 |
| 5° | 3027.5 | 3005.2 | 2971.1 | 2971.1 | 2978.5 | 2985.9 | 3003.7 | 3020.0 | 3024.5 | 3034.9 | 3033.4 |
| 7.5° | 3008.2 | 2974.1 | 2941.5 | 2968.2 | 2994.8 | 3005.2 | 3026.0 | 3055.6 | 3101.6 | 3186.1 | 3269.1 |
| 10° | 2977.0 | 2931.1 | 2920.7 | 2963.7 | 2999.3 | 3030.4 | 3077.9 | 3215.7 | 3343.2 | 3469.3 | 3550.8 |
| 12.5° | 2941.5 | 2885.1 | 2900.0 | 2954.8 | 3037.8 | 3097.1 | 3218.7 | 3401.1 | 3501.9 | 3648.7 | 3768.8 |
| 15° | 2888.1 | 2834.7 | 2861.4 | 2942.9 | 3116.4 | 3243.9 | 3312.1 | 3534.5 | 3696.1 | 3817.7 | 3952.6 |
| 17.5° | 2830.3 | 2782.8 | 2819.9 | 2963.7 | 3199.4 | 3322.5 | 3432.2 | 3620.5 | 3776.2 | 3955.6 | 4083.1 |
| 20° | 2766.5 | 2725.0 | 2772.4 | 2990.4 | 3239.5 | 3365.5 | 3487.1 | 3666.5 | 3872.5 | 4057.9 | 4167.6 |
| 22.5° | 2692.4 | 2655.3 | 2728.0 | 3002.3 | 3254.3 | 3380.3 | 3498.9 | 3708.0 | 3921.5 | 4074.2 | 4167.6 |
| 25° | 2612.3 | 2575.3 | 2674.6 | 2978.5 | 3239.5 | 3355.1 | 3482.6 | 3730.2 | 3905.2 | 4025.2 | 4140.9 |
| 27.5° | 2526.3 | 2484.8 | 2634.6 | 2929.6 | 3180.2 | 3310.6 | 3454.4 | 3687.2 | 3825.1 | 3958.5 | 4075.6 |
| 30° | 2421.1 | 2384.0 | 2564.9 | 2858.4 | 3097.1 | 3251.3 | 3374.4 | 3583.4 | 3715.4 | 3847.3 | 3937.8 |
| 32.5° | 2315.8 | 2280.2 | 2480.4 | 2757.6 | 3002.3 | 3147.5 | 3266.2 | 3429.2 | 3579.0 | 3681.3 | 3737.6 |
| 35° | 2201.7 | 2161.6 | 2382.5 | 2634.6 | 2895.5 | 3021.5 | 3120.9 | 3269.1 | 3395.1 | 3470.8 | 3525.6 |
| 37.5° | 2087.5 | 2044.5 | 2258.0 | 2505.6 | 2754.7 | 2870.3 | 2953.3 | 3103.1 | 3199.4 | 3261.7 | 3307.7 |
| 40° | 1958.5 | 1914.0 | 2129.0 | 2360.3 | 2607.9 | 2689.4 | 2775.4 | 2908.8 | 2980.0 | 3030.4 | 3052.7 |
| 42.5° | 1828.0 | 1783.6 | 1989.6 | 2207.6 | 2428.5 | 2508.5 | 2597.5 | 2702.8 | 2772.4 | 2802.1 | 2802.1 |
| 45° | 1693.1 | 1650.1 | 1845.8 | 2056.4 | 2243.2 | 2335.1 | 2413.7 | 2498.2 | 2556.0 | 2579.7 | 2581.2 |
| 47.5° | 1552.3 | 1516.7 | 1703.5 | 1894.8 | 2069.7 | 2149.8 | 2210.5 | 2292.1 | 2342.5 | 2348.4 | 2346.9 |
| 50° | 1408.5 | 1377.3 | 1544.9 | 1733.2 | 1888.8 | 1960.0 | 2013.4 | 2089.0 | 2129.0 | 2127.5 | 2120.1 |
| 52.5° | 1257.2 | 1238.0 | 1393.6 | 1565.6 | 1706.5 | 1770.2 | 1817.7 | 1884.4 | 1917.0 | 1917.0 | 1911.1 |
| 55° | 1113.4 | 1101.6 | 1236.5 | 1402.5 | 1534.5 | 1590.8 | 1635.3 | 1694.6 | 1721.3 | 1721.3 | 1712.4 |
| 57.5° | 968.1 | 966.7 | 1092.7 | 1240.9 | 1367.0 | 1417.4 | 1464.8 | 1516.7 | 1540.4 | 1540.4 | 1525.6 |
| 60° | 825.8 | 833.2 | 957.8 | 1094.2 | 1209.8 | 1258.7 | 1300.2 | 1350.6 | 1365.5 | 1368.4 | 1365.5 |
| 62.5° | 693.9 | 713.1 | 831.7 | 956.3 | 1071.9 | 1113.4 | 1150.5 | 1199.4 | 1211.3 | 1215.7 | 1208.3 |
| 65° | 569.3 | 599.0 | 719.1 | 837.7 | 945.9 | 988.9 | 1021.5 | 1055.6 | 1066.0 | 1070.4 | 1068.9 |
| 67.5° | 467.0 | 498.2 | 618.2 | 735.4 | 834.7 | 868.8 | 901.4 | 931.1 | 932.6 | 940.0 | 934.0 |
| 70° | 361.8 | 409.2 | 529.3 | 640.5 | 733.9 | 765.0 | 791.7 | 812.5 | 816.9 | 818.4 | 816.9 |
| 72.5° | 278.7 | 335.1 | 449.2 | 558.9 | 643.4 | 673.1 | 693.9 | 710.2 | 710.2 | 711.6 | 707.2 |
| 75° | 210.5 | 278.7 | 389.9 | 490.7 | 566.4 | 596.0 | 612.3 | 622.7 | 616.8 | 615.3 | 610.8 |
| 77.5° | 152.7 | 231.3 | 336.5 | 431.4 | 502.6 | 524.8 | 539.7 | 541.1 | 532.3 | 530.8 | 521.9 |
| 80° | 105.3 | 188.3 | 290.6 | 379.5 | 444.8 | 467.0 | 474.4 | 468.5 | 461.1 | 452.2 | 440.3 |
| 82.5° | 69.7 | 152.7 | 252.0 | 336.5 | 397.3 | 415.1 | 421.1 | 412.2 | 401.8 | 387.0 | 367.7 |
| 85° | 37.1 | 123.1 | 219.4 | 301.0 | 358.8 | 375.1 | 378.1 | 361.8 | 345.4 | 326.2 | 306.9 |
| 87.5° | 16.3 | 100.8 | 195.7 | 277.2 | 327.7 | 339.5 | 341.0 | 323.2 | 302.4 | 280.2 | 256.5 |
| 90° | 3.0 | 86.0 | 180.9 | 259.5 | 308.4 | 318.8 | 318.8 | 295.0 | 274.3 | 250.6 | 223.9 |
| 92.5° | 1.5 | 81.5 | 176.4 | 253.5 | 302.4 | 312.8 | 311.3 | 286.1 | 260.9 | 234.2 | 207.6 |
| 95° | 1.5 | 71.2 | 166.1 | 247.6 | 298.0 | 308.4 | 306.9 | 280.2 | 253.5 | 225.4 | 195.7 |
| 97.5° | 1.5 | 59.3 | 155.7 | 237.2 | 290.6 | 301.0 | 301.0 | 275.8 | 249.1 | 219.4 | 188.3 |
| 100° | 0.0 | 46.0 | 143.8 | 226.8 | 280.2 | 293.6 | 295.0 | 271.3 | 243.1 | 213.5 | 183.8 |
| 102.5° | 0.0 | 31.1 | 133.4 | 217.9 | 272.8 | 286.1 | 289.1 | 269.8 | 240.2 | 210.5 | 180.9 |
| 105° | 1.5 | 19.3 | 120.1 | 207.6 | 265.4 | 280.2 | 284.7 | 268.3 | 238.7 | 210.5 | 180.9 |
| 107.5° | 1.5 | 13.3 | 106.7 | 197.2 | 259.5 | 275.8 | 281.7 | 268.3 | 240.2 | 212.0 | 183.8 |
| 110° | 1.5 | 11.9 | 90.4 | 186.8 | 252.0 | 269.8 | 278.7 | 269.8 | 243.1 | 216.5 | 188.3 |



TEST NUMBER: P#

CATALOG NUMBER: 8SKB1-LD5-12-W-RS-UNV-L835-CD2-RS-U

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|--------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 1.5 | 8.9 | 68.2 | 173.5 | 243.1 | 263.9 | 275.8 | 271.3 | 247.6 | 220.9 | 194.2 |
| 115° | 1.5 | 7.4 | 46.0 | 160.1 | 234.2 | 258.0 | 272.8 | 272.8 | 252.0 | 226.8 | 201.6 |
| 117.5° | 1.5 | 7.4 | 31.1 | 142.3 | 223.9 | 250.6 | 266.9 | 274.3 | 258.0 | 232.8 | 210.5 |
| 120° | 1.5 | 5.9 | 14.8 | 121.6 | 210.5 | 240.2 | 260.9 | 274.3 | 262.4 | 240.2 | 217.9 |
| 122.5° | 1.5 | 5.9 | 11.9 | 93.4 | 195.7 | 228.3 | 252.0 | 272.8 | 266.9 | 246.1 | 226.8 |
| 125° | 1.5 | 4.4 | 10.4 | 62.3 | 176.4 | 212.0 | 240.2 | 268.3 | 268.3 | 252.0 | 234.2 |
| 127.5° | 1.5 | 4.4 | 8.9 | 44.5 | 151.2 | 194.2 | 223.9 | 260.9 | 268.3 | 256.5 | 241.7 |
| 130° | 1.5 | 4.4 | 7.4 | 13.3 | 115.6 | 169.0 | 204.6 | 249.1 | 265.4 | 259.5 | 246.1 |
| 132.5° | 1.5 | 3.0 | 7.4 | 10.4 | 74.1 | 132.0 | 177.9 | 229.8 | 256.5 | 259.5 | 250.6 |
| 135° | 1.5 | 3.0 | 5.9 | 8.9 | 53.4 | 81.5 | 142.3 | 206.1 | 240.2 | 250.6 | 250.6 |
| 137.5° | 1.5 | 3.0 | 5.9 | 7.4 | 23.7 | 60.8 | 89.0 | 177.9 | 219.4 | 238.7 | 243.1 |
| 140° | 1.5 | 3.0 | 4.4 | 5.9 | 8.9 | 32.6 | 63.8 | 140.8 | 194.2 | 220.9 | 232.8 |
| 142.5° | 1.5 | 3.0 | 4.4 | 5.9 | 7.4 | 7.4 | 38.5 | 81.5 | 163.1 | 197.2 | 216.5 |
| 145° | 1.5 | 3.0 | 3.0 | 4.4 | 5.9 | 7.4 | 7.4 | 62.3 | 117.1 | 169.0 | 194.2 |
| 147.5° | 1.5 | 1.5 | 3.0 | 4.4 | 5.9 | 5.9 | 5.9 | 28.2 | 69.7 | 129.0 | 166.1 |
| 150° | 1.5 | 1.5 | 3.0 | 3.0 | 4.4 | 4.4 | 5.9 | 5.9 | 46.0 | 72.6 | 123.1 |
| 152.5° | 1.5 | 1.5 | 3.0 | 3.0 | 4.4 | 4.4 | 4.4 | 5.9 | 5.9 | 48.9 | 68.2 |
| 155° | 1.5 | 1.5 | 3.0 | 3.0 | 3.0 | 4.4 | 4.4 | 4.4 | 4.4 | 5.9 | 43.0 |
| 157.5° | 1.5 | 1.5 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.4 | 4.4 | 5.9 | 5.9 |
| 160° | 1.5 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.4 | 4.4 | 4.4 | 5.9 |
| 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: P#

CATALOG NUMBER: 8SKB1-LD5-12-W-RS-UNV-L835-CD2-RS-U

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3023.0 | 3023.0 | 3023.0 | 3023.0 | 3023.0 | 3023.0 | 3023.0 | 3023.0 | 3023.0 | 3023.0 |
| 2.5° | 2972.6 | 2994.8 | 2994.8 | 3014.1 | 3024.5 | 3021.5 | 3024.5 | 3030.4 | 3012.6 | 3006.7 |
| 5° | 3066.0 | 3110.5 | 3132.7 | 3183.1 | 3195.0 | 3217.2 | 3224.6 | 3249.8 | 3255.8 | 3238.0 |
| 7.5° | 3359.6 | 3451.5 | 3510.8 | 3571.6 | 3598.3 | 3611.6 | 3635.3 | 3651.6 | 3676.8 | 3657.6 |
| 10° | 3635.3 | 3746.5 | 3831.0 | 3897.7 | 3914.0 | 3927.4 | 3955.6 | 3995.6 | 3992.6 | 3989.7 |
| 12.5° | 3874.0 | 3971.9 | 4075.6 | 4172.0 | 4220.9 | 4231.3 | 4272.8 | 4321.8 | 4330.7 | 4290.6 |
| 15° | 4071.2 | 4207.6 | 4324.7 | 4427.0 | 4446.3 | 4473.0 | 4504.1 | 4520.4 | 4513.0 | 4518.9 |
| 17.5° | 4235.8 | 4351.4 | 4434.4 | 4489.3 | 4501.2 | 4521.9 | 4550.1 | 4570.8 | 4573.8 | 4575.3 |
| 20° | 4301.0 | 4378.1 | 4458.2 | 4533.8 | 4557.5 | 4578.2 | 4612.3 | 4630.1 | 4627.2 | 4618.3 |
| 22.5° | 4289.1 | 4401.8 | 4475.9 | 4538.2 | 4561.9 | 4581.2 | 4610.9 | 4622.7 | 4618.3 | 4609.4 |
| 25° | 4271.4 | 4367.7 | 4433.0 | 4465.6 | 4465.6 | 4480.4 | 4473.0 | 4464.1 | 4453.7 | 4455.2 |
| 27.5° | 4186.8 | 4243.2 | 4287.7 | 4324.7 | 4329.2 | 4330.7 | 4326.2 | 4317.3 | 4311.4 | 4298.0 |
| 30° | 4014.9 | 4083.1 | 4103.8 | 4100.9 | 4094.9 | 4093.4 | 4075.6 | 4062.3 | 4046.0 | 4047.5 |
| 32.5° | 3813.2 | 3828.1 | 3837.0 | 3811.7 | 3796.9 | 3794.0 | 3777.6 | 3755.4 | 3733.2 | 3709.4 |
| 35° | 3553.8 | 3543.4 | 3522.6 | 3504.8 | 3493.0 | 3475.2 | 3451.5 | 3429.2 | 3401.1 | 3402.6 |
| 37.5° | 3303.2 | 3270.6 | 3240.9 | 3192.0 | 3183.1 | 3141.6 | 3095.7 | 3060.1 | 3014.1 | 2988.9 |
| 40° | 3042.3 | 3009.7 | 2972.6 | 2919.2 | 2895.5 | 2857.0 | 2806.5 | 2747.2 | 2710.2 | 2695.4 |
| 42.5° | 2793.2 | 2753.2 | 2710.2 | 2646.4 | 2616.8 | 2585.6 | 2532.3 | 2474.4 | 2447.8 | 2443.3 |
| 45° | 2550.1 | 2504.1 | 2462.6 | 2391.4 | 2360.3 | 2323.2 | 2268.4 | 2232.8 | 2194.2 | 2185.3 |
| 47.5° | 2315.8 | 2275.8 | 2212.0 | 2157.2 | 2127.5 | 2096.4 | 2040.0 | 2007.4 | 1979.3 | 1968.9 |
| 50° | 2089.0 | 2050.4 | 2001.5 | 1940.7 | 1912.5 | 1882.9 | 1842.9 | 1811.7 | 1779.1 | 1768.7 |
| 52.5° | 1885.9 | 1847.3 | 1796.9 | 1749.5 | 1721.3 | 1703.5 | 1666.4 | 1630.9 | 1605.6 | 1589.3 |
| 55° | 1690.2 | 1654.6 | 1608.6 | 1564.1 | 1553.8 | 1530.0 | 1487.0 | 1455.9 | 1439.6 | 1441.1 |
| 57.5° | 1510.8 | 1479.6 | 1444.0 | 1401.1 | 1384.7 | 1362.5 | 1334.3 | 1297.3 | 1278.0 | 1272.1 |
| 60° | 1347.7 | 1318.0 | 1288.4 | 1255.8 | 1235.0 | 1218.7 | 1180.1 | 1150.5 | 1125.3 | 1122.3 |
| 62.5° | 1192.0 | 1169.8 | 1144.6 | 1111.9 | 1094.2 | 1076.4 | 1042.3 | 1014.1 | 994.8 | 988.9 |
| 65° | 1057.1 | 1037.8 | 1008.2 | 981.5 | 963.7 | 945.9 | 913.3 | 885.1 | 868.8 | 852.5 |
| 67.5° | 923.7 | 907.3 | 885.1 | 856.9 | 840.6 | 822.8 | 794.7 | 763.5 | 744.3 | 739.8 |
| 70° | 805.0 | 787.3 | 769.5 | 739.8 | 725.0 | 714.6 | 683.5 | 652.3 | 637.5 | 631.6 |
| 72.5° | 702.7 | 683.5 | 658.3 | 637.5 | 628.6 | 609.3 | 579.7 | 558.9 | 539.7 | 527.8 |
| 75° | 596.0 | 584.1 | 566.4 | 542.6 | 526.3 | 513.0 | 489.3 | 468.5 | 452.2 | 440.3 |
| 77.5° | 508.5 | 493.7 | 478.9 | 455.2 | 443.3 | 431.4 | 406.2 | 388.4 | 372.1 | 366.2 |
| 80° | 427.0 | 413.6 | 392.9 | 375.1 | 364.7 | 354.3 | 335.1 | 315.8 | 303.9 | 298.0 |
| 82.5° | 352.9 | 341.0 | 324.7 | 309.9 | 298.0 | 290.6 | 272.8 | 256.5 | 246.1 | 237.2 |
| 85° | 292.1 | 277.2 | 262.4 | 249.1 | 240.2 | 234.2 | 220.9 | 209.0 | 195.7 | 192.7 |
| 87.5° | 240.2 | 228.3 | 215.0 | 201.6 | 195.7 | 188.3 | 176.4 | 167.5 | 157.2 | 152.7 |
| 90° | 206.1 | 191.3 | 179.4 | 169.0 | 163.1 | 158.6 | 149.7 | 137.9 | 130.5 | 126.0 |
| 92.5° | 186.8 | 173.5 | 163.1 | 152.7 | 148.3 | 143.8 | 133.4 | 124.5 | 117.1 | 111.2 |
| 95° | 174.9 | 161.6 | 151.2 | 142.3 | 137.9 | 134.9 | 126.0 | 117.1 | 109.7 | 105.3 |
| 97.5° | 166.1 | 151.2 | 140.8 | 133.4 | 129.0 | 126.0 | 118.6 | 111.2 | 103.8 | 99.3 |
| 100° | 158.6 | 143.8 | 133.4 | 126.0 | 123.1 | 120.1 | 112.7 | 105.3 | 99.3 | 94.9 |
| 102.5° | 155.7 | 139.4 | 129.0 | 123.1 | 120.1 | 117.1 | 109.7 | 103.8 | 96.4 | 91.9 |
| 105° | 155.7 | 137.9 | 127.5 | 120.1 | 117.1 | 114.2 | 108.2 | 102.3 | 94.9 | 90.4 |
| 107.5° | 158.6 | 139.4 | 127.5 | 121.6 | 118.6 | 115.6 | 108.2 | 102.3 | 94.9 | 90.4 |
| 110° | 163.1 | 143.8 | 130.5 | 123.1 | 120.1 | 117.1 | 109.7 | 103.8 | 96.4 | 91.9 |



TEST NUMBER: P#

CATALOG NUMBER: 8SKB1-LD5-12-W-RS-UNV-L835-CD2-RS-U

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 169.0 | 148.3 | 134.9 | 126.0 | 123.1 | 120.1 | 112.7 | 106.7 | 99.3 | 94.9 |
| 115° | 176.4 | 154.2 | 140.8 | 130.5 | 127.5 | 124.5 | 117.1 | 109.7 | 103.8 | 99.3 |
| 117.5° | 185.3 | 163.1 | 146.8 | 136.4 | 133.4 | 129.0 | 121.6 | 114.2 | 108.2 | 103.8 |
| 120° | 194.2 | 173.5 | 155.7 | 143.8 | 139.4 | 134.9 | 127.5 | 120.1 | 112.7 | 108.2 |
| 122.5° | 204.6 | 182.4 | 164.6 | 152.7 | 148.3 | 143.8 | 134.9 | 127.5 | 120.1 | 114.2 |
| 125° | 215.0 | 194.2 | 174.9 | 161.6 | 155.7 | 151.2 | 142.3 | 133.4 | 127.5 | 121.6 |
| 127.5° | 223.9 | 204.6 | 185.3 | 172.0 | 166.1 | 160.1 | 151.2 | 142.3 | 134.9 | 130.5 |
| 130° | 231.3 | 215.0 | 197.2 | 182.4 | 176.4 | 172.0 | 160.1 | 151.2 | 143.8 | 139.4 |
| 132.5° | 238.7 | 223.9 | 209.0 | 194.2 | 188.3 | 182.4 | 172.0 | 161.6 | 154.2 | 148.3 |
| 135° | 243.1 | 231.3 | 219.4 | 206.1 | 200.2 | 192.7 | 182.4 | 172.0 | 163.1 | 157.2 |
| 137.5° | 243.1 | 237.2 | 226.8 | 216.5 | 210.5 | 204.6 | 192.7 | 182.4 | 173.5 | 169.0 |
| 140° | 235.7 | 237.2 | 232.8 | 225.4 | 219.4 | 215.0 | 204.6 | 192.7 | 183.8 | 179.4 |
| 142.5° | 225.4 | 229.8 | 232.8 | 228.3 | 225.4 | 222.4 | 213.5 | 203.1 | 194.2 | 188.3 |
| 145° | 209.0 | 217.9 | 223.9 | 228.3 | 226.8 | 225.4 | 217.9 | 210.5 | 201.6 | 195.7 |
| 147.5° | 188.3 | 201.6 | 209.0 | 219.4 | 222.4 | 222.4 | 219.4 | 213.5 | 206.1 | 201.6 |
| 150° | 158.6 | 177.9 | 191.3 | 201.6 | 206.1 | 212.0 | 212.0 | 207.6 | 203.1 | 198.7 |
| 152.5° | 112.7 | 143.8 | 163.1 | 177.9 | 183.8 | 189.8 | 197.2 | 194.2 | 188.3 | 185.3 |
| 155° | 63.8 | 78.6 | 118.6 | 142.3 | 149.7 | 157.2 | 169.0 | 172.0 | 170.5 | 166.1 |
| 157.5° | 32.6 | 53.4 | 66.7 | 77.1 | 81.5 | 93.4 | 117.1 | 133.4 | 132.0 | 134.9 |
| 160° | 7.4 | 8.9 | 25.2 | 47.4 | 53.4 | 56.3 | 62.3 | 66.7 | 66.7 | 63.8 |
| 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)