

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: LUMIERE

Report Number: P394841

Luminaire Tested: **303-W1-LEDB1-2700-UNV-T2-DIM10-EDGE**

Issue Date: 4/9/2020

Test Information

Test Method: LM-79-2019
Report Number: P394841
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2001-623-1)
Test Lab: INNOVATION CENTER
Issue Date: 4/9/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 303-W1-LEDB1-2700-UNV-T2-DIM10-EDGE
Description: LUMIERE EON LED LUMINAIRE
WALL MOUNT, ONE LIGHTBAR, TYPE 2 WITH EDGE GLOW
Light Source: 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

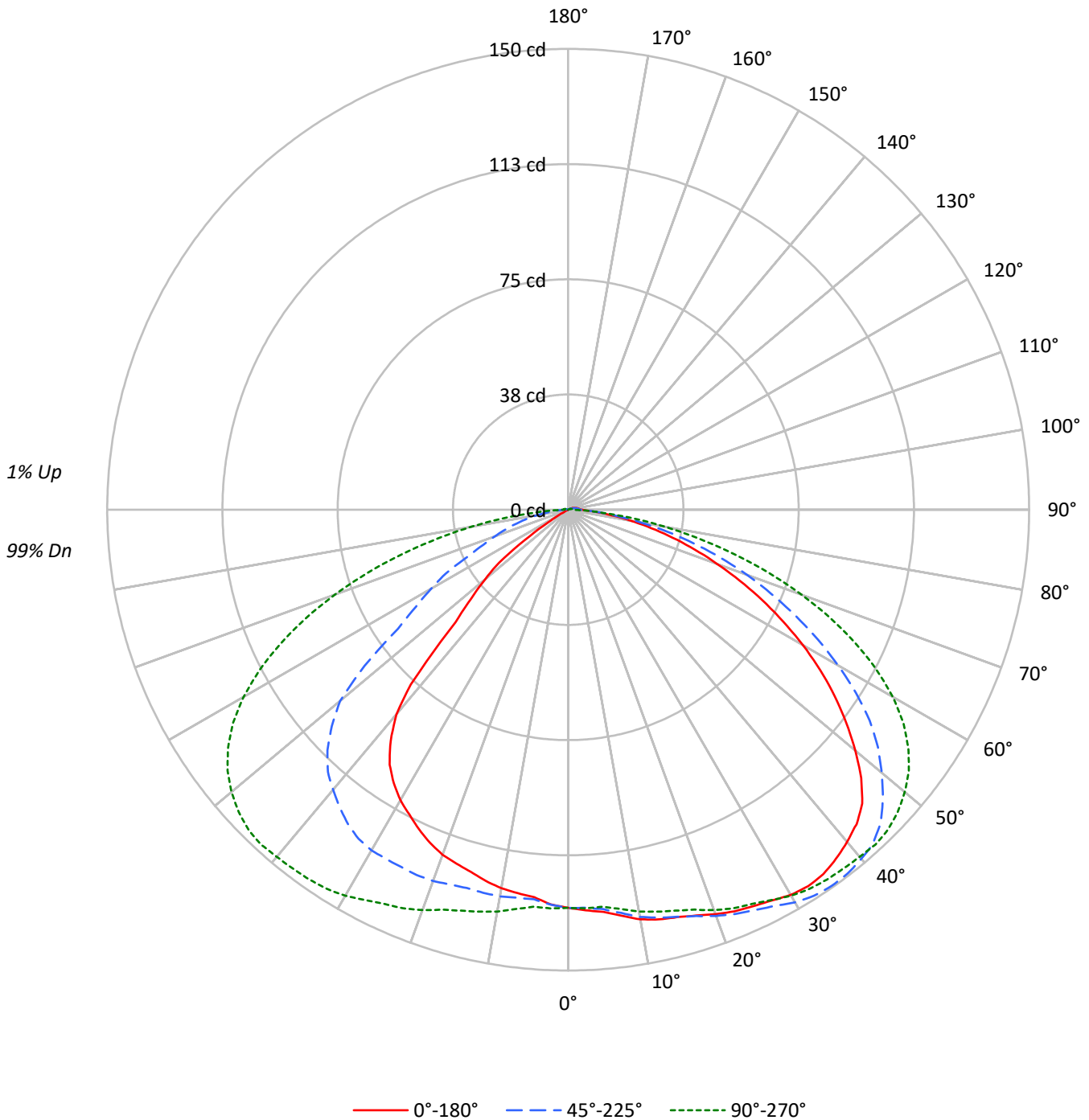
Lumens per Lamp: N/A
Luminaire Lumens: 492.8 lumens
Efficiency: N/A
Efficacy: 58.7 lumens/watt
Spacing Criteria (0/90/45): 1.45 / 1.71 / 1.67
Luminous Opening: Rectangular w/ Sides (W: 0.38' x L: 0.21' x H: 0.01')
CIE Type: Direct

Input Watts (W): 8.4
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: 24 FT



TEST NUMBER: P394841
CATALOG NUMBER: 303-W1-LEDB1-2700-UNV-T2-DIM10-EDGE

Luminous Intensity Polar Plot





TEST NUMBER: P394841

CATALOG NUMBER: 303-W1-LEDB1-2700-UNV-T2-DIM10-EDGE

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 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 101 | 101 | 101 | 99 |
| 1 | 108 | 103 | 99 | 95 | 105 | 101 | 97 | 93 | 96 | 93 | 90 | 92 | 90 | 87 | 89 | 87 | 84 | 82 |
| 2 | 98 | 89 | 82 | 76 | 95 | 87 | 81 | 75 | 84 | 78 | 73 | 80 | 76 | 72 | 77 | 73 | 70 | 68 |
| 3 | 89 | 78 | 69 | 63 | 86 | 76 | 68 | 62 | 73 | 66 | 61 | 70 | 65 | 60 | 68 | 63 | 59 | 56 |
| 4 | 81 | 69 | 59 | 53 | 79 | 67 | 59 | 52 | 65 | 57 | 51 | 62 | 56 | 50 | 60 | 54 | 50 | 47 |
| 5 | 74 | 61 | 52 | 45 | 72 | 60 | 51 | 44 | 57 | 50 | 44 | 55 | 49 | 43 | 53 | 47 | 43 | 40 |
| 6 | 68 | 54 | 45 | 39 | 66 | 53 | 45 | 38 | 52 | 44 | 38 | 50 | 43 | 38 | 48 | 42 | 37 | 35 |
| 7 | 63 | 49 | 40 | 34 | 61 | 48 | 40 | 34 | 47 | 39 | 33 | 45 | 38 | 33 | 44 | 37 | 33 | 31 |
| 8 | 58 | 45 | 36 | 30 | 57 | 44 | 35 | 30 | 42 | 35 | 29 | 41 | 34 | 29 | 40 | 34 | 29 | 27 |
| 9 | 54 | 41 | 32 | 26 | 53 | 40 | 32 | 26 | 39 | 31 | 26 | 38 | 31 | 26 | 37 | 30 | 26 | 24 |
| 10 | 51 | 37 | 29 | 24 | 50 | 37 | 29 | 24 | 36 | 29 | 24 | 35 | 28 | 23 | 34 | 28 | 23 | 21 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° |
|-----|-------|-------|-------|
| 0° | 17856 | 17856 | 17856 |
| 5° | 18097 | 17896 | 17436 |
| 10° | 18784 | 18492 | 17355 |
| 15° | 19336 | 19134 | 17195 |
| 20° | 20189 | 20141 | 17220 |
| 25° | 21174 | 21262 | 17070 |
| 30° | 22415 | 22734 | 16904 |
| 35° | 23563 | 24255 | 16484 |
| 40° | 24413 | 25948 | 15042 |
| 45° | 25155 | 27937 | 9631 |
| 50° | 24735 | 29707 | 7177 |
| 55° | 23806 | 31262 | 3844 |
| 60° | 22439 | 32134 | 814 |
| 65° | 20573 | 31886 | 0 |
| 70° | 18364 | 30327 | 0 |
| 75° | 15891 | 27112 | 45 |
| 80° | 12910 | 22054 | 62 |
| 85° | 9697 | 13448 | 102 |



TEST NUMBER: P394841

CATALOG NUMBER: 303-W1-LEDB1-2700-UNV-T2-DIM10-EDGE

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 12.4 | 2.5 |
| 10°-20° | 37.6 | 7.6 |
| 20°-30° | 62.8 | 12.7 |
| 30°-40° | 85.1 | 17.3 |
| 40°-50° | 95.3 | 19.3 |
| 50°-60° | 86.7 | 17.6 |
| 60°-70° | 64.0 | 13.0 |
| 70°-80° | 35.7 | 7.2 |
| 80°-90° | 9.6 | 1.9 |
| 90°-100° | 2.1 | 0.4 |
| 100°-110° | 1.2 | 0.3 |
| 110°-120° | 0.4 | 0.1 |
| 120°-130° | 0.0 | 0.0 |
| 130°-140° | 0.0 | 0.0 |
| 140°-150° | 0.0 | 0.0 |
| 150°-160° | 0.0 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-30° | 112.8 | 22.9 |
| 0°-40° | 197.9 | 40.2 |
| 0°-60° | 379.9 | 77.1 |
| 0°-90° | 489.1 | 99.3 |
| 90°-120° | 3.7 | 0.7 |
| 90°-150° | 3.7 | 0.7 |
| 90°-180° | 4.0 | 0.8 |
| 0°-180° | 492.8 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|------|-----|-----|-----|------|------|------|
| 0° | 130 | 130 | 130 | 130 | 130 | |
| 5° | 131 | 130 | 130 | 127 | 127 | 13 |
| 15° | 137 | 137 | 135 | 128 | 122 | 39 |
| 25° | 142 | 144 | 142 | 128 | 115 | 66 |
| 35° | 145 | 150 | 147 | 125 | 101 | 90 |
| 45° | 135 | 144 | 147 | 111 | 52 | 103 |
| 55° | 106 | 120 | 135 | 68 | 17 | 94 |
| 65° | 70 | 82 | 103 | 36 | 0 | 69 |
| 75° | 35 | 42 | 56 | 17 | 0 | 38 |
| 85° | 10 | 10 | 11 | 4 | 0 | 10 |
| 90° | 4 | 4 | 2 | 1 | 0 | 2 |
| 95° | 4 | 3 | 1 | 1 | 0 | 3 |
| 105° | 2 | 2 | 1 | 1 | 0 | 2 |
| 115° | 1 | 0 | 0 | 0 | 0 | 1 |
| 125° | 0 | 0 | 0 | 0 | 0 | 0 |
| 135° | 0 | 0 | 0 | 0 | 0 | 0 |
| 145° | 0 | 0 | 0 | 0 | 0 | 0 |
| 155° | 0 | 0 | 0 | 0 | 0 | 0 |
| 165° | 0 | 0 | 0 | 0 | 0 | 0 |
| 175° | 0 | 0 | 0 | 0 | 0 | 0 |
| 180° | 0 | 0 | 0 | 0 | 0 | 0 |



TEST NUMBER: P394841

CATALOG NUMBER: 303-W1-LEDB1-2700-UNV-T2-DIM10-EDGE

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 129.6 | 129.6 | 129.6 | 129.6 | 129.6 | 129.6 | 129.6 | 129.6 | 129.6 | 129.6 | 129.6 |
| 2.5° | 130.5 | 130.3 | 131.4 | 131.4 | 130.9 | 130.4 | 129.8 | 130.7 | 130.8 | 129.7 | 131.3 |
| 5° | 131.4 | 131.1 | 132.2 | 132.2 | 131.7 | 131.1 | 130.6 | 131.5 | 131.5 | 130.5 | 131.8 |
| 7.5° | 133.3 | 133.0 | 134.2 | 134.2 | 133.8 | 133.4 | 132.6 | 133.6 | 133.5 | 132.4 | 133.8 |
| 10° | 135.4 | 135.2 | 136.4 | 136.4 | 136.0 | 135.6 | 134.8 | 135.8 | 135.6 | 134.6 | 135.7 |
| 12.5° | 136.6 | 136.5 | 137.8 | 137.7 | 137.4 | 137.1 | 136.3 | 137.3 | 137.0 | 136.0 | 137.3 |
| 15° | 137.3 | 137.3 | 138.6 | 138.6 | 138.2 | 138.0 | 137.3 | 138.3 | 138.1 | 137.2 | 138.2 |
| 17.5° | 138.5 | 138.5 | 139.9 | 139.8 | 139.6 | 139.4 | 138.7 | 139.8 | 139.5 | 138.7 | 139.7 |
| 20° | 140.1 | 140.2 | 141.7 | 141.5 | 141.5 | 141.4 | 140.6 | 141.7 | 141.5 | 140.7 | 141.5 |
| 22.5° | 141.5 | 141.5 | 143.0 | 142.8 | 142.7 | 142.7 | 142.0 | 143.2 | 143.0 | 142.4 | 143.2 |
| 25° | 142.4 | 142.4 | 143.9 | 143.8 | 143.6 | 143.8 | 143.2 | 144.7 | 144.3 | 143.8 | 144.5 |
| 27.5° | 143.4 | 143.5 | 145.0 | 144.9 | 145.0 | 145.3 | 144.7 | 146.1 | 145.8 | 145.4 | 145.8 |
| 30° | 144.8 | 144.9 | 146.6 | 146.4 | 146.6 | 147.0 | 146.6 | 148.0 | 147.8 | 147.6 | 147.9 |
| 32.5° | 145.3 | 145.6 | 147.3 | 147.2 | 147.5 | 148.1 | 147.6 | 149.3 | 149.0 | 149.0 | 149.4 |
| 35° | 144.8 | 145.0 | 146.6 | 146.6 | 147.2 | 147.9 | 147.6 | 149.3 | 149.2 | 149.5 | 150.0 |
| 37.5° | 143.2 | 143.6 | 145.1 | 145.2 | 145.8 | 146.8 | 146.7 | 148.6 | 148.7 | 149.3 | 149.8 |
| 40° | 141.2 | 141.5 | 143.1 | 143.2 | 144.0 | 145.0 | 145.0 | 147.0 | 147.3 | 148.4 | 149.3 |
| 42° | 139.2 | 139.7 | 141.0 | 141.2 | 142.1 | 143.1 | 143.2 | 145.4 | 145.7 | 147.4 | 148.5 |
| 42.5° | 138.9 | 139.2 | 140.5 | 140.6 | 141.5 | 142.5 | 142.7 | 144.9 | 145.2 | 147.0 | 148.2 |
| 45° | 135.3 | 135.4 | 136.8 | 137.0 | 138.0 | 138.7 | 139.0 | 140.9 | 141.5 | 143.9 | 145.3 |
| 47.5° | 129.3 | 129.5 | 130.6 | 131.3 | 132.7 | 133.8 | 134.1 | 135.9 | 136.4 | 138.9 | 140.8 |
| 50° | 122.0 | 122.2 | 123.4 | 124.1 | 125.5 | 126.9 | 128.0 | 130.3 | 130.6 | 133.2 | 135.1 |
| 52.5° | 114.1 | 114.5 | 115.3 | 116.1 | 117.7 | 119.1 | 120.4 | 123.1 | 124.3 | 127.0 | 128.5 |
| 55° | 105.9 | 106.2 | 106.9 | 107.5 | 109.0 | 110.5 | 112.1 | 114.9 | 116.3 | 119.8 | 121.3 |
| 57.5° | 97.3 | 97.2 | 98.7 | 98.7 | 100.1 | 101.6 | 103.2 | 105.9 | 107.3 | 111.1 | 113.5 |
| 60° | 88.2 | 88.4 | 89.3 | 89.4 | 91.0 | 92.5 | 94.2 | 96.5 | 97.7 | 101.4 | 104.1 |
| 62.5° | 78.9 | 79.1 | 79.0 | 79.9 | 81.5 | 83.1 | 84.9 | 87.1 | 88.1 | 91.6 | 94.2 |
| 65° | 69.6 | 69.8 | 70.0 | 70.5 | 72.0 | 73.5 | 75.2 | 77.3 | 78.8 | 81.6 | 84.0 |
| 67.5° | 60.4 | 60.6 | 60.3 | 61.2 | 62.6 | 64.0 | 65.6 | 67.5 | 68.8 | 71.5 | 73.6 |
| 70° | 51.6 | 51.8 | 51.9 | 52.3 | 53.4 | 54.7 | 56.2 | 57.4 | 59.0 | 61.9 | 63.2 |
| 72.5° | 43.2 | 43.4 | 43.0 | 43.6 | 44.7 | 45.4 | 47.1 | 48.1 | 49.3 | 51.9 | 53.0 |
| 75° | 35.2 | 35.3 | 35.4 | 35.6 | 36.8 | 36.9 | 38.4 | 39.1 | 40.1 | 42.1 | 43.1 |
| 77.5° | 27.7 | 27.7 | 27.8 | 28.0 | 28.5 | 29.0 | 30.0 | 30.5 | 31.4 | 32.9 | 33.2 |
| 80° | 20.7 | 20.8 | 20.8 | 20.9 | 21.5 | 21.5 | 22.4 | 22.6 | 23.2 | 24.0 | 24.8 |
| 82.5° | 14.6 | 14.7 | 14.7 | 14.7 | 15.0 | 15.0 | 15.6 | 15.6 | 15.9 | 16.3 | 16.4 |
| 85° | 9.5 | 9.5 | 9.6 | 9.5 | 9.6 | 9.6 | 9.9 | 9.7 | 9.8 | 10.1 | 9.8 |
| 87.5° | 5.8 | 5.9 | 5.9 | 5.8 | 5.9 | 5.7 | 5.9 | 5.6 | 5.6 | 5.6 | 5.2 |
| 90° | 4.3 | 4.4 | 4.3 | 4.4 | 4.4 | 4.3 | 4.2 | 4.0 | 3.9 | 3.8 | 3.6 |
| 92.5° | 3.8 | 3.8 | 3.9 | 3.9 | 3.9 | 3.8 | 3.8 | 3.8 | 3.6 | 3.5 | 3.2 |
| 95° | 3.5 | 3.5 | 3.5 | 3.5 | 3.6 | 3.5 | 3.5 | 3.4 | 3.3 | 3.2 | 3.0 |
| 97.5° | 3.2 | 3.2 | 3.1 | 3.1 | 3.2 | 3.2 | 3.2 | 3.1 | 3.0 | 3.0 | 2.8 |
| 100° | 3.0 | 3.0 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.8 | 2.7 | 2.6 | 2.5 |
| 102.5° | 2.6 | 2.6 | 2.6 | 2.5 | 2.5 | 2.5 | 2.5 | 2.4 | 2.3 | 2.3 | 2.1 |
| 105° | 2.2 | 2.3 | 2.2 | 2.2 | 2.1 | 2.1 | 2.1 | 2.1 | 2.0 | 1.9 | 1.8 |
| 107.5° | 2.0 | 2.0 | 1.9 | 1.9 | 1.9 | 1.8 | 1.7 | 1.6 | 1.6 | 1.5 | 1.4 |



TEST NUMBER: P394841

CATALOG NUMBER: 303-W1-LEDB1-2700-UNV-T2-DIM10-EDGE

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 110° | 1.6 | 1.6 | 1.6 | 1.5 | 1.5 | 1.4 | 1.3 | 1.3 | 1.2 | 1.2 | 1.1 |
| 112.5° | 1.3 | 1.3 | 1.3 | 1.2 | 1.2 | 1.1 | 1.0 | 0.9 | 0.8 | 0.8 | 0.8 |
| 115° | 0.8 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.6 | 0.5 | 0.5 | 0.6 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 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: P394841

CATALOG NUMBER: 303-W1-LEDB1-2700-UNV-T2-DIM10-EDGE

CANDELA DISTRIBUTION (continued):

| | 55° | 58° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 129.6 | 129.6 | 129.6 | 129.6 | 129.6 | 129.6 | 129.6 | 129.6 | 129.6 | 129.6 | 129.6 |
| 2.5° | 130.1 | 131.2 | 129.7 | 130.4 | 130.5 | 129.7 | 129.8 | 129.8 | 129.9 | 130.7 | 129.7 |
| 5° | 130.7 | 131.7 | 130.3 | 130.8 | 130.8 | 129.8 | 129.9 | 129.8 | 129.7 | 130.5 | 129.2 |
| 7.5° | 132.5 | 133.5 | 132.1 | 132.4 | 132.2 | 131.3 | 131.4 | 131.3 | 131.1 | 131.7 | 130.3 |
| 10° | 134.5 | 135.6 | 134.1 | 134.4 | 134.2 | 133.1 | 133.2 | 133.1 | 132.8 | 133.2 | 131.7 |
| 12.5° | 135.9 | 137.0 | 135.6 | 135.9 | 135.6 | 134.5 | 134.6 | 134.5 | 134.0 | 134.4 | 132.8 |
| 15° | 137.1 | 138.1 | 136.9 | 137.0 | 136.6 | 135.6 | 135.6 | 135.6 | 135.1 | 135.3 | 133.8 |
| 17.5° | 138.6 | 139.7 | 138.5 | 138.4 | 138.3 | 137.2 | 137.3 | 137.3 | 136.5 | 136.9 | 135.3 |
| 20° | 140.7 | 141.8 | 140.7 | 140.5 | 140.4 | 139.3 | 139.2 | 139.4 | 138.7 | 139.0 | 137.3 |
| 22.5° | 142.4 | 143.3 | 142.5 | 142.2 | 141.9 | 140.9 | 140.9 | 141.1 | 140.4 | 140.5 | 139.0 |
| 25° | 143.7 | 144.8 | 143.9 | 143.4 | 143.2 | 142.3 | 142.4 | 142.6 | 141.6 | 141.7 | 140.4 |
| 27.5° | 145.3 | 146.2 | 145.6 | 145.0 | 144.7 | 143.8 | 143.8 | 144.1 | 143.2 | 143.2 | 141.8 |
| 30° | 147.4 | 148.3 | 147.8 | 146.9 | 146.6 | 145.7 | 145.8 | 146.2 | 145.1 | 144.9 | 143.7 |
| 32.5° | 149.1 | 150.0 | 149.5 | 148.7 | 148.3 | 147.4 | 147.3 | 147.5 | 146.3 | 146.1 | 144.9 |
| 35° | 149.9 | 150.9 | 150.7 | 149.7 | 149.3 | 148.3 | 148.1 | 148.3 | 146.9 | 146.6 | 145.4 |
| 37.5° | 150.3 | 151.6 | 151.5 | 150.7 | 150.3 | 149.2 | 148.9 | 149.0 | 147.2 | 146.6 | 145.4 |
| 40° | 150.5 | 151.6 | 151.9 | 151.2 | 151.1 | 150.2 | 149.7 | 149.7 | 147.5 | 146.6 | 145.2 |
| 42° | 150.1 | 151.6 | 152.1 | 151.6 | 151.8 | 151.0 | 150.3 | 150.1 | 147.8 | 146.8 | 145.1 |
| 42.5° | 150.0 | 151.3 | 152.0 | 151.6 | 151.9 | 151.2 | 150.4 | 150.2 | 147.9 | 146.7 | 145.0 |
| 45° | 147.8 | 149.6 | 150.7 | 150.9 | 151.3 | 150.8 | 150.0 | 149.8 | 147.2 | 145.7 | 143.9 |
| 47.5° | 144.0 | 145.9 | 147.4 | 148.4 | 149.2 | 149.3 | 148.6 | 148.4 | 145.5 | 143.6 | 141.5 |
| 50° | 138.9 | 141.1 | 143.1 | 144.6 | 146.1 | 146.9 | 146.3 | 146.1 | 143.0 | 140.8 | 138.3 |
| 52.5° | 132.7 | 135.1 | 137.1 | 139.7 | 142.0 | 143.3 | 143.2 | 142.9 | 139.7 | 137.2 | 134.4 |
| 55° | 125.4 | 127.9 | 130.5 | 133.4 | 136.4 | 138.5 | 138.6 | 138.5 | 135.1 | 132.3 | 129.5 |
| 57.5° | 117.3 | 119.5 | 122.4 | 125.7 | 129.7 | 132.3 | 132.7 | 132.6 | 129.3 | 126.3 | 122.8 |
| 60° | 108.5 | 110.4 | 113.3 | 116.9 | 121.2 | 124.4 | 125.2 | 125.4 | 122.0 | 118.9 | 115.7 |
| 62.5° | 98.8 | 100.9 | 103.5 | 107.0 | 111.5 | 115.2 | 116.2 | 116.7 | 113.3 | 110.2 | 106.8 |
| 65° | 88.4 | 90.5 | 93.4 | 96.6 | 101.0 | 104.9 | 106.0 | 106.5 | 103.4 | 100.6 | 97.6 |
| 67.5° | 77.6 | 79.6 | 82.4 | 85.5 | 89.8 | 93.5 | 94.8 | 95.4 | 92.5 | 89.9 | 87.1 |
| 70° | 66.8 | 68.4 | 71.0 | 73.9 | 78.0 | 80.9 | 82.7 | 83.3 | 80.8 | 78.4 | 76.0 |
| 72.5° | 56.1 | 57.3 | 59.7 | 62.2 | 65.7 | 68.4 | 70.1 | 70.7 | 68.5 | 66.5 | 64.6 |
| 75° | 45.4 | 46.6 | 48.6 | 50.7 | 53.6 | 56.4 | 57.3 | 57.9 | 56.0 | 54.4 | 52.9 |
| 77.5° | 35.3 | 36.0 | 37.7 | 39.4 | 41.7 | 43.3 | 44.5 | 45.2 | 43.5 | 42.3 | 41.2 |
| 80° | 25.8 | 26.2 | 27.5 | 28.6 | 30.3 | 31.3 | 32.3 | 32.6 | 32.0 | 30.7 | 30.0 |
| 82.5° | 17.3 | 17.4 | 18.3 | 18.9 | 19.8 | 20.8 | 21.0 | 21.2 | 20.7 | 19.9 | 19.7 |
| 85° | 10.3 | 10.1 | 10.7 | 10.7 | 10.9 | 11.5 | 11.4 | 11.4 | 11.1 | 10.9 | 10.8 |
| 87.5° | 5.3 | 5.0 | 5.2 | 5.0 | 4.8 | 4.8 | 4.6 | 4.5 | 4.3 | 4.3 | 4.4 |
| 90° | 3.3 | 3.1 | 3.1 | 2.9 | 2.5 | 2.2 | 2.0 | 1.7 | 1.5 | 1.5 | 1.6 |
| 92.5° | 3.0 | 2.9 | 2.9 | 2.6 | 2.3 | 2.1 | 1.8 | 1.5 | 1.3 | 1.3 | 1.4 |
| 95° | 2.9 | 2.7 | 2.7 | 2.4 | 2.1 | 1.9 | 1.5 | 1.3 | 1.3 | 1.3 | 1.3 |
| 97.5° | 2.6 | 2.5 | 2.4 | 2.1 | 1.9 | 1.6 | 1.4 | 1.3 | 1.3 | 1.2 | 1.3 |
| 100° | 2.3 | 2.1 | 2.1 | 1.9 | 1.6 | 1.4 | 1.3 | 1.2 | 1.2 | 1.1 | 1.2 |
| 102.5° | 2.0 | 1.9 | 1.8 | 1.6 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.1 | 1.1 |
| 105° | 1.6 | 1.5 | 1.5 | 1.3 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 | 1.0 | 1.0 |
| 107.5° | 1.3 | 1.3 | 1.2 | 1.2 | 1.2 | 1.2 | 1.0 | 0.9 | 0.9 | 0.9 | 0.9 |



TEST NUMBER: P394841

CATALOG NUMBER: 303-W1-LEDB1-2700-UNV-T2-DIM10-EDGE

CANDELA DISTRIBUTION (continued):

| | 55° | 58° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 110° | 1.0 | 1.0 | 1.0 | 1.1 | 1.0 | 1.0 | 0.9 | 0.8 | 0.8 | 0.7 | 0.7 |
| 112.5° | 0.8 | 0.8 | 0.9 | 0.9 | 0.9 | 0.9 | 0.8 | 0.7 | 0.7 | 0.6 | 0.6 |
| 115° | 0.6 | 0.6 | 0.7 | 0.7 | 0.7 | 0.7 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 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: P394841

CATALOG NUMBER: 303-W1-LEDB1-2700-UNV-T2-DIM10-EDGE

CANDELA DISTRIBUTION (continued):

| | 105° | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 129.6 | 129.6 | 129.6 | 129.6 | 129.6 | 129.6 | 129.6 | 129.6 | 129.6 | 129.6 | 129.6 |
| 2.5° | 130.3 | 129.2 | 129.1 | 128.8 | 129.4 | 128.3 | 128.7 | 127.7 | 127.7 | 127.7 | 128.0 |
| 5° | 129.7 | 128.5 | 128.3 | 127.8 | 128.3 | 127.1 | 127.3 | 126.3 | 126.0 | 125.9 | 126.1 |
| 7.5° | 130.5 | 129.2 | 129.0 | 128.2 | 128.6 | 127.2 | 127.4 | 126.3 | 125.6 | 125.5 | 125.7 |
| 10° | 131.8 | 130.4 | 130.0 | 129.0 | 129.3 | 127.8 | 127.8 | 126.3 | 125.6 | 125.2 | 125.3 |
| 12.5° | 132.7 | 131.3 | 130.7 | 129.4 | 129.6 | 128.0 | 127.7 | 126.0 | 125.0 | 124.5 | 124.4 |
| 15° | 133.6 | 131.9 | 131.4 | 129.7 | 129.8 | 128.0 | 127.5 | 125.5 | 124.2 | 123.3 | 123.1 |
| 17.5° | 135.1 | 133.3 | 132.6 | 130.7 | 130.5 | 128.8 | 127.9 | 125.5 | 123.8 | 122.7 | 122.3 |
| 20° | 137.0 | 135.2 | 134.4 | 132.2 | 131.9 | 129.7 | 128.6 | 125.9 | 123.8 | 122.4 | 121.8 |
| 22.5° | 138.6 | 136.7 | 135.7 | 133.4 | 132.8 | 130.2 | 128.7 | 125.6 | 123.1 | 121.4 | 120.4 |
| 25° | 139.7 | 137.9 | 136.7 | 134.0 | 133.2 | 130.5 | 128.4 | 125.1 | 122.1 | 119.9 | 118.5 |
| 27.5° | 141.1 | 139.2 | 137.9 | 135.0 | 133.9 | 130.7 | 128.2 | 124.3 | 120.9 | 118.2 | 116.4 |
| 30° | 142.9 | 140.7 | 139.5 | 136.0 | 134.6 | 131.0 | 128.0 | 123.8 | 119.7 | 116.8 | 114.5 |
| 32.5° | 144.0 | 141.7 | 140.0 | 136.4 | 134.5 | 130.5 | 127.0 | 122.1 | 117.6 | 114.2 | 111.8 |
| 35° | 144.0 | 141.8 | 139.8 | 135.7 | 133.5 | 128.9 | 124.9 | 119.6 | 114.7 | 111.0 | 108.2 |
| 37.5° | 144.0 | 141.1 | 138.9 | 134.5 | 131.6 | 126.7 | 122.1 | 116.5 | 111.2 | 107.2 | 104.2 |
| 40° | 143.4 | 140.5 | 137.7 | 132.7 | 129.3 | 124.1 | 119.0 | 113.1 | 107.3 | 102.4 | 98.4 |
| 42° | 143.1 | 139.7 | 136.4 | 131.1 | 127.2 | 121.9 | 116.4 | 110.1 | 103.3 | 97.6 | 93.1 |
| 42.5° | 142.7 | 139.4 | 135.8 | 130.6 | 126.8 | 121.2 | 115.7 | 109.1 | 102.1 | 96.3 | 91.5 |
| 45° | 141.0 | 137.1 | 133.1 | 127.4 | 122.9 | 117.0 | 110.8 | 103.1 | 95.2 | 87.7 | 79.0 |
| 47.5° | 138.3 | 133.9 | 129.2 | 123.1 | 118.1 | 111.7 | 104.3 | 95.5 | 84.1 | 69.4 | 59.0 |
| 50° | 134.7 | 129.8 | 124.5 | 117.9 | 112.8 | 105.2 | 96.9 | 82.1 | 64.0 | 55.7 | 49.8 |
| 52.5° | 130.3 | 124.8 | 118.9 | 112.2 | 105.8 | 97.6 | 83.5 | 64.6 | 53.9 | 47.8 | 42.5 |
| 55° | 125.0 | 119.1 | 112.7 | 105.4 | 98.0 | 85.8 | 67.6 | 54.9 | 46.7 | 41.6 | 36.1 |
| 57.5° | 118.3 | 112.2 | 105.3 | 97.6 | 87.6 | 69.8 | 58.7 | 48.2 | 40.3 | 35.1 | 27.3 |
| 60° | 110.6 | 104.4 | 97.1 | 88.9 | 73.2 | 60.3 | 51.5 | 42.2 | 32.6 | 23.3 | 16.6 |
| 62.5° | 101.9 | 95.8 | 88.3 | 77.3 | 63.5 | 53.0 | 44.9 | 33.6 | 22.7 | 17.4 | 12.2 |
| 65° | 92.6 | 86.5 | 78.9 | 66.3 | 55.7 | 46.3 | 35.9 | 26.6 | 18.2 | 13.8 | 9.1 |
| 67.5° | 82.4 | 76.6 | 69.1 | 57.8 | 48.5 | 39.5 | 30.0 | 22.4 | 15.1 | 11.4 | 8.0 |
| 70° | 71.8 | 66.5 | 59.6 | 49.8 | 41.5 | 33.7 | 25.4 | 19.0 | 13.1 | 9.9 | 6.9 |
| 72.5° | 60.8 | 56.2 | 50.5 | 41.8 | 34.9 | 28.3 | 21.4 | 16.0 | 11.0 | 8.4 | 5.9 |
| 75° | 49.6 | 45.9 | 41.1 | 34.1 | 28.3 | 23.1 | 17.4 | 13.1 | 9.1 | 6.9 | 4.9 |
| 77.5° | 38.7 | 35.7 | 32.1 | 26.6 | 22.1 | 17.8 | 13.7 | 10.5 | 7.2 | 5.5 | 3.9 |
| 80° | 28.3 | 26.0 | 23.4 | 19.5 | 16.2 | 13.3 | 10.2 | 7.7 | 5.5 | 4.2 | 3.0 |
| 82.5° | 18.5 | 17.1 | 15.4 | 12.9 | 10.8 | 9.0 | 6.9 | 5.5 | 3.8 | 3.0 | 2.2 |
| 85° | 10.3 | 9.6 | 8.7 | 7.3 | 6.3 | 5.4 | 4.2 | 3.4 | 2.5 | 2.0 | 1.5 |
| 87.5° | 4.3 | 4.0 | 3.8 | 3.4 | 3.0 | 2.7 | 2.1 | 1.8 | 1.4 | 1.2 | 0.9 |
| 90° | 1.7 | 1.8 | 1.7 | 1.6 | 1.5 | 1.4 | 1.3 | 1.2 | 1.0 | 0.8 | 0.6 |
| 92.5° | 1.5 | 1.5 | 1.5 | 1.5 | 1.4 | 1.3 | 1.2 | 1.1 | 0.9 | 0.7 | 0.5 |
| 95° | 1.4 | 1.4 | 1.4 | 1.4 | 1.3 | 1.3 | 1.2 | 1.0 | 0.8 | 0.7 | 0.5 |
| 97.5° | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.2 | 1.0 | 0.8 | 0.6 | 0.4 | 0.4 |
| 100° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.0 | 0.9 | 0.7 | 0.6 | 0.4 | 0.3 |
| 102.5° | 1.1 | 1.1 | 1.1 | 1.1 | 1.0 | 0.9 | 0.7 | 0.6 | 0.4 | 0.3 | 0.3 |
| 105° | 0.9 | 0.9 | 0.9 | 0.9 | 0.8 | 0.8 | 0.6 | 0.5 | 0.4 | 0.3 | 0.2 |
| 107.5° | 0.8 | 0.8 | 0.7 | 0.8 | 0.7 | 0.6 | 0.5 | 0.4 | 0.3 | 0.2 | 0.2 |



TEST NUMBER: P394841

CATALOG NUMBER: 303-W1-LEDB1-2700-UNV-T2-DIM10-EDGE

CANDELA DISTRIBUTION (continued):

| | 105° | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 110° | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.5 | 0.4 | 0.4 | 0.2 | 0.2 | 0.2 |
| 112.5° | 0.6 | 0.6 | 0.5 | 0.4 | 0.4 | 0.4 | 0.4 | 0.3 | 0.2 | 0.2 | 0.2 |
| 115° | 0.5 | 0.4 | 0.4 | 0.4 | 0.4 | 0.3 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 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: P394841

CATALOG NUMBER: 303-W1-LEDB1-2700-UNV-T2-DIM10-EDGE

CANDELA DISTRIBUTION (continued):

| | 160° | 165° | 170° | 175° | 180° |
|--------|-------|-------|-------|-------|-------|
| 0° | 129.6 | 129.6 | 129.6 | 129.6 | 129.6 |
| 2.5° | 127.4 | 127.8 | 127.9 | 127.9 | 128.6 |
| 5° | 125.5 | 126.0 | 125.8 | 125.9 | 126.6 |
| 7.5° | 124.8 | 125.4 | 125.0 | 125.2 | 125.9 |
| 10° | 124.4 | 124.7 | 124.4 | 124.4 | 125.1 |
| 12.5° | 123.4 | 123.7 | 122.9 | 122.9 | 123.8 |
| 15° | 122.0 | 122.1 | 121.3 | 121.3 | 122.1 |
| 17.5° | 121.0 | 121.1 | 120.0 | 120.0 | 120.8 |
| 20° | 120.1 | 120.1 | 118.9 | 118.8 | 119.5 |
| 22.5° | 118.6 | 118.4 | 117.0 | 116.7 | 117.4 |
| 25° | 116.3 | 115.9 | 114.4 | 114.0 | 114.8 |
| 27.5° | 114.0 | 113.4 | 111.6 | 111.2 | 111.9 |
| 30° | 111.8 | 110.9 | 108.9 | 108.6 | 109.2 |
| 32.5° | 108.8 | 107.7 | 105.4 | 105.1 | 105.6 |
| 35° | 105.1 | 103.6 | 101.3 | 100.8 | 101.3 |
| 37.5° | 100.3 | 98.0 | 95.2 | 94.4 | 94.9 |
| 40° | 94.0 | 91.2 | 87.7 | 86.6 | 87.0 |
| 42° | 87.6 | 83.5 | 78.5 | 76.2 | 76.5 |
| 42.5° | 85.6 | 80.6 | 74.4 | 71.5 | 71.7 |
| 45° | 65.6 | 57.4 | 53.6 | 51.6 | 51.8 |
| 47.5° | 51.1 | 46.8 | 44.2 | 42.6 | 42.8 |
| 50° | 42.9 | 38.9 | 36.6 | 35.2 | 35.4 |
| 52.5° | 36.3 | 32.5 | 30.3 | 28.9 | 28.3 |
| 55° | 29.9 | 25.0 | 21.6 | 18.8 | 17.1 |
| 57.5° | 16.5 | 11.7 | 9.6 | 8.3 | 7.7 |
| 60° | 10.0 | 6.8 | 4.9 | 3.8 | 3.2 |
| 62.5° | 6.5 | 3.8 | 2.0 | 0.7 | 0.2 |
| 65° | 4.6 | 2.4 | 1.2 | 0.4 | 0.0 |
| 67.5° | 4.1 | 2.1 | 1.1 | 0.3 | 0.0 |
| 70° | 3.7 | 2.0 | 0.9 | 0.3 | 0.0 |
| 72.5° | 3.1 | 1.7 | 0.8 | 0.3 | 0.0 |
| 75° | 2.8 | 1.4 | 0.7 | 0.3 | 0.1 |
| 77.5° | 2.2 | 1.3 | 0.6 | 0.2 | 0.1 |
| 80° | 1.8 | 1.0 | 0.5 | 0.2 | 0.1 |
| 82.5° | 1.3 | 0.8 | 0.4 | 0.2 | 0.1 |
| 85° | 1.0 | 0.6 | 0.4 | 0.2 | 0.1 |
| 87.5° | 0.6 | 0.4 | 0.3 | 0.1 | 0.1 |
| 90° | 0.5 | 0.4 | 0.2 | 0.1 | 0.1 |
| 92.5° | 0.4 | 0.4 | 0.2 | 0.1 | 0.1 |
| 95° | 0.4 | 0.3 | 0.1 | 0.1 | 0.0 |
| 97.5° | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 |
| 100° | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 |
| 102.5° | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 |
| 105° | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 |
| 107.5° | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |



TEST NUMBER: P394841

CATALOG NUMBER: 303-W1-LEDB1-2700-UNV-T2-DIM10-EDGE

CANDELA DISTRIBUTION (continued):

| | 160° | 165° | 170° | 175° | 180° |
|--------|------|------|------|------|------|
| 110° | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 |
| 112.5° | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 |
| 115° | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)