

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: INVUE

Report Number: P89351

Luminaire Tested: **ENT-BXX-LED-E1-BL4-ULG-CWB**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P89351  
REPORT IS FROM IESNA LM-79-08 TEST DATA - UPLIGHT (P20107) AND DOWNLIGHT  
Test Lab: INNOVATION CENTER P2  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: ENT-BXX-LED-E1-BL4-ULG-CWB  
Description: ENTRI LED LUMINAIRE WITH UPLIGHT, EMERGENCY MODE  
LIGHTBARS WITH AccuLED OPTICS - TYPE 4 W/ SPILL LIGHT CONTROL  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1472 lumens  
Efficiency: N/A  
Efficacy: 267.6 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 1' x H: 0.1')  
IES Classification: Type III - Short - Semi-Cutoff  
BUG Rating: B0 - U3 - G0

Input Watts (W): 5.5  
Input Voltage (V): NR  
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



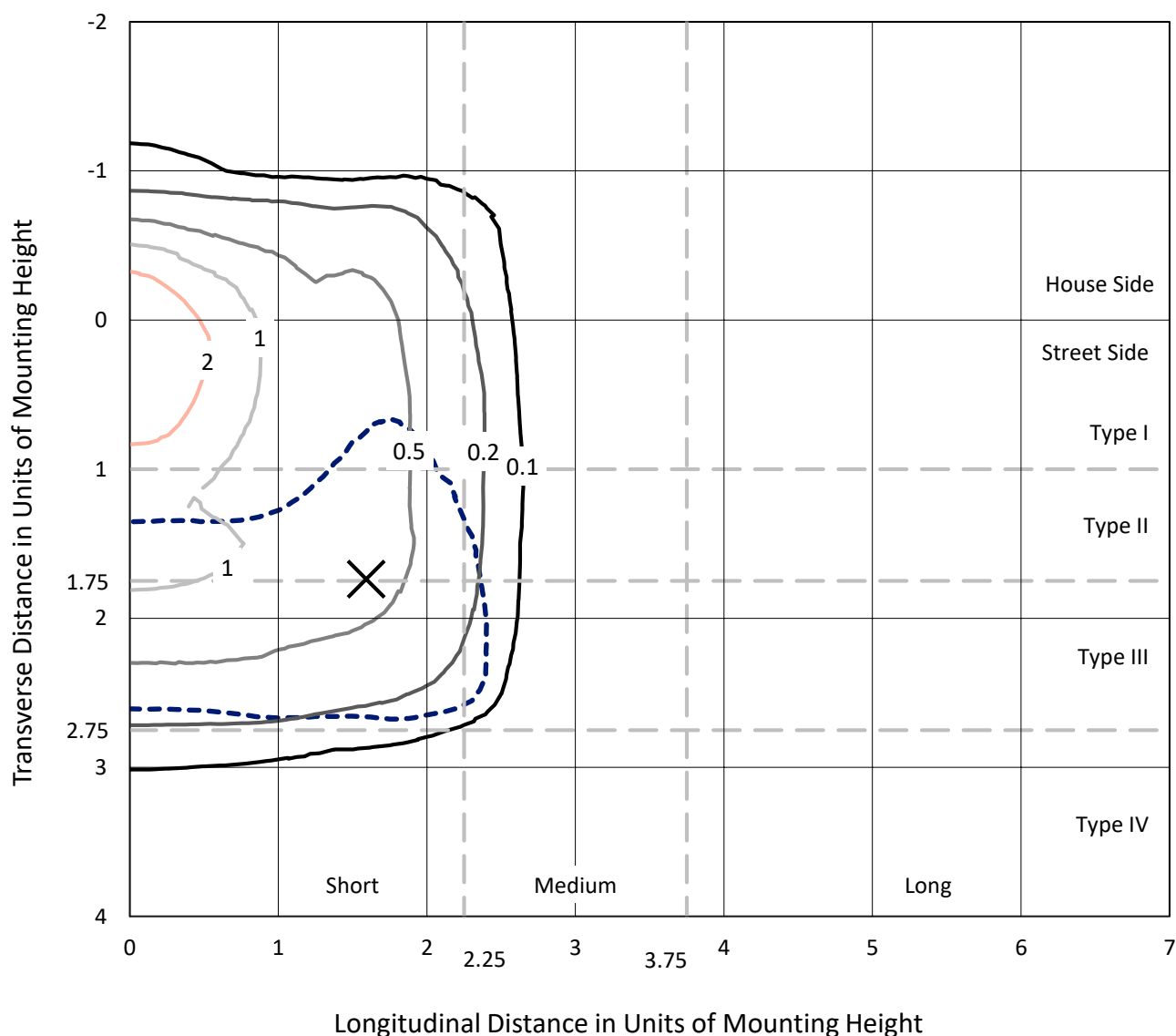
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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

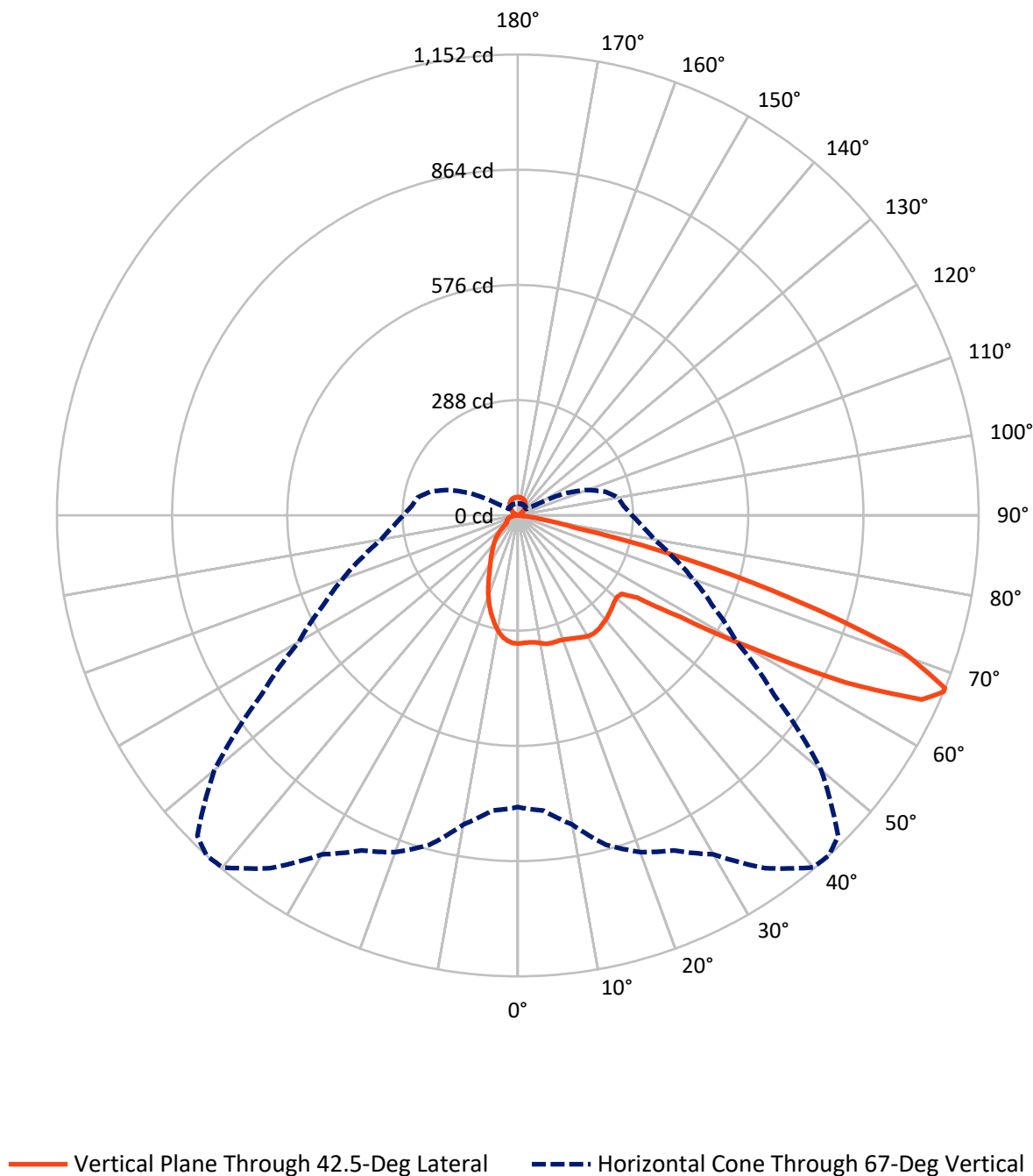


Based on 10 foot mounting height. Maximum calculated value = 3.2 fc  
 Type III - Short - Semi-Cutoff

REPORT NUMBER: P89351

CATALOG NUMBER: ENT-BXX-LED-E1-BL4-ULG-CWB

## Luminous Intensity Polar Plot



REPORT NUMBER: P89351

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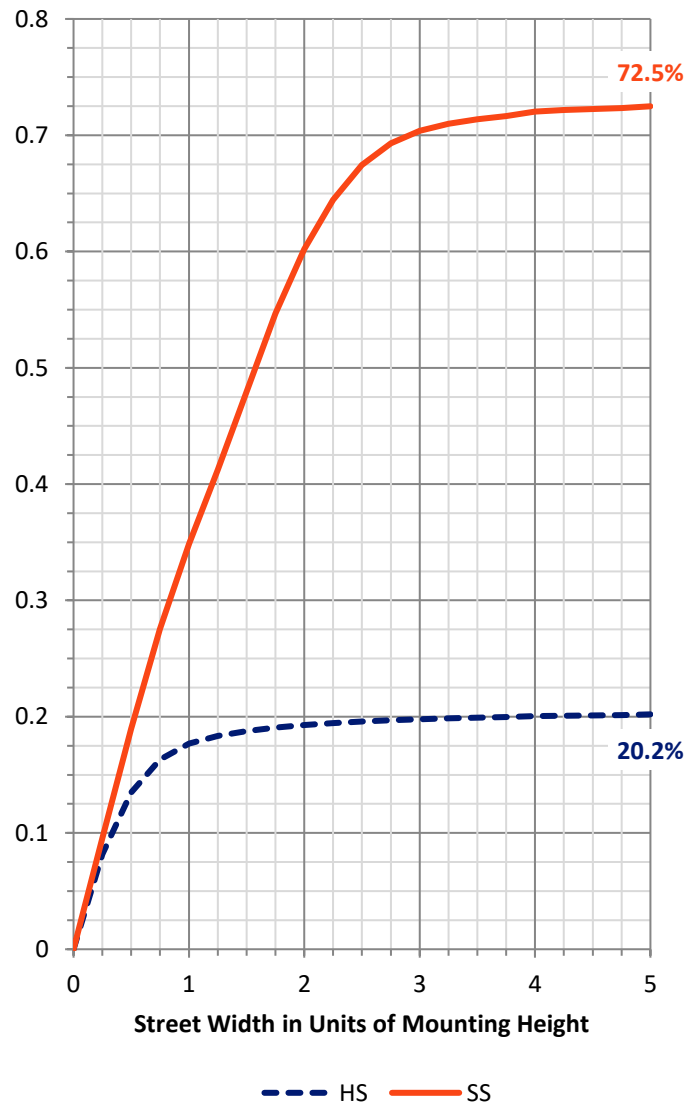
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 301.6    | 51.1   | 352.6  |
|                    | % Fixture | 20.5     | 3.5    | 24.0   |
| <b>Street Side</b> | Lumens    | 1068.3   | 51.1   | 1119.3 |
|                    | % Fixture | 72.6     | 3.5    | 76.0   |
| <b>Total</b>       | Lumens    | 1369.8   | 102.1  | 1472.0 |
|                    | % Fixture | 93.1     | 6.9    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 30.0   | 2.0       |
| 10°-20°   | 83.7   | 5.7       |
| 20°-30°   | 122.9  | 8.4       |
| 30°-40°   | 151.4  | 10.3      |
| 40°-50°   | 167.0  | 11.3      |
| 50°-60°   | 258.8  | 17.6      |
| 60°-70°   | 414.3  | 28.1      |
| 70°-80°   | 130.9  | 8.9       |
| 80°-90°   | 10.7   | 0.7       |
| 90°-100°  | 0.4    | 0.0       |
| 100°-110° | 4.0    | 0.3       |
| 110°-120° | 8.2    | 0.6       |
| 120°-130° | 13.9   | 0.9       |
| 130°-140° | 19.4   | 1.3       |
| 140°-150° | 21.2   | 1.4       |
| 150°-160° | 18.4   | 1.3       |
| 160°-170° | 12.4   | 0.8       |
| 170°-180° | 4.3    | 0.3       |
| 0°-90°    | 1369.8 | 93.1      |
| 0°-180°   | 1472.0 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P89351

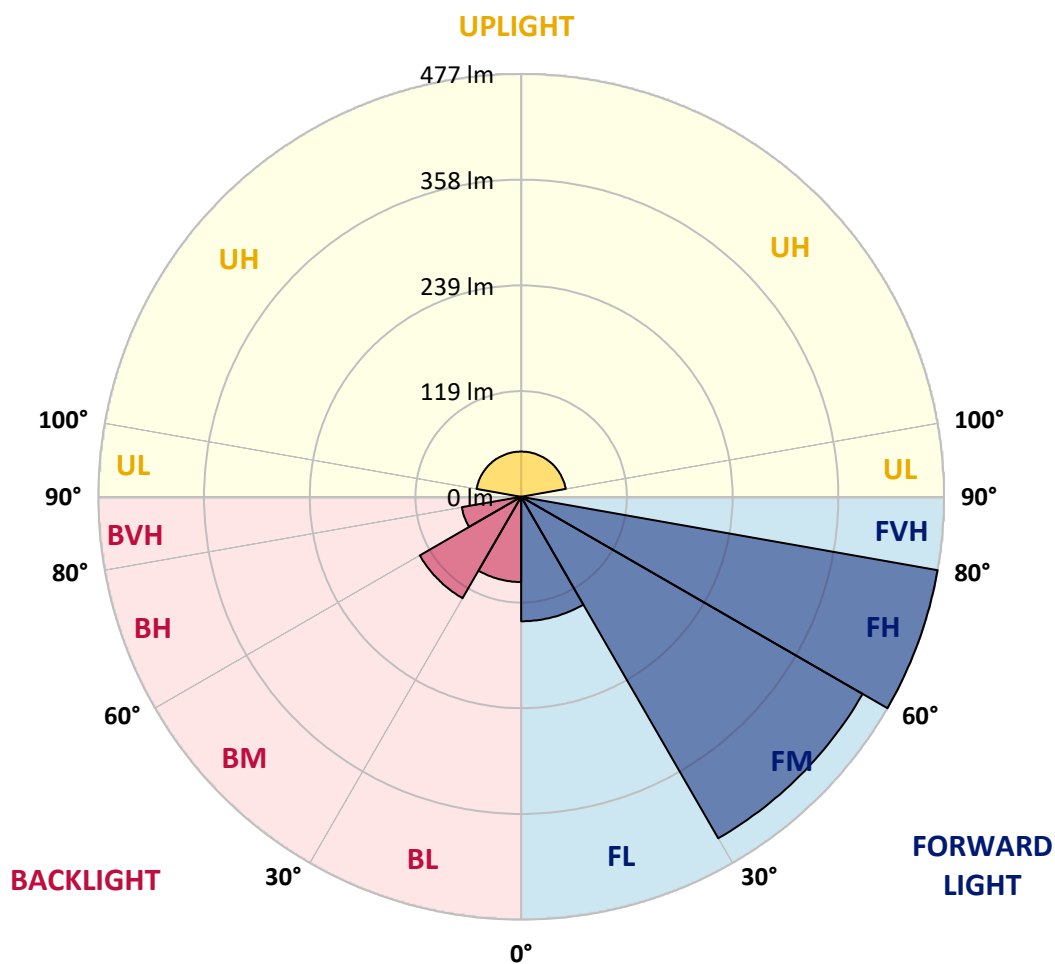
CATALOG NUMBER: ENT-BXX-LED-E1-BL4-ULG-CWB

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |        |        |
|------|-------------|--------|-----------|-------------------------|--------|--------|
|      |             |        |           | B                       | U      | G      |
| FL   | (0°-30°)    | 140.5  | 9.5       |                         |        |        |
| FM   | (30°-60°)   | 445.0  | 30.2      |                         |        |        |
| FH   | (60°-80°)   | 477.3  | 32.4      |                         |        | G0/660 |
| FVH  | (80°-90°)   | 5.5    | 0.4       |                         |        | G0/10  |
| BL   | (0°-30°)    | 96.2   | 6.5       | B0/110                  |        |        |
| BM   | (30°-60°)   | 132.2  | 9.0       | B0/220                  |        |        |
| BH   | (60°-80°)   | 68.0   | 4.6       | B0/110                  |        | G0/110 |
| BVH  | (80°-90°)   | 5.2    | 0.4       |                         |        | G0/10  |
| UL   | (90°-100°)  | 0.4    | 0.0       |                         | U1/10  |        |
| UH   | (100°-180°) | 51.1   | 3.5       |                         | U3/500 |        |

**BUG Rating: B0-U3-G0**

Type III Short



REPORT NUMBER: P89351

CATALOG NUMBER: ENT-BXX-LED-E1-BL4-ULG-CWB

**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°    | 40°    | 42.5°  | 45°    |
|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| 0°     | 320.2 | 320.2 | 320.2 | 320.2 | 320.2 | 320.2 | 320.2 | 320.2  | 320.2  | 320.2  | 320.2  |
| 2.5°   | 319.4 | 317.8 | 317.8 | 317.8 | 319.0 | 318.6 | 318.2 | 318.2  | 317.8  | 318.6  | 318.2  |
| 5°     | 321.4 | 319.8 | 319.0 | 319.4 | 319.8 | 319.0 | 319.0 | 317.8  | 318.6  | 318.6  | 317.8  |
| 7.5°   | 327.4 | 326.2 | 325.0 | 325.0 | 325.0 | 323.8 | 323.0 | 319.8  | 321.0  | 320.2  | 319.8  |
| 10°    | 334.5 | 334.9 | 332.5 | 332.5 | 332.1 | 330.5 | 329.3 | 325.7  | 325.0  | 325.0  | 324.2  |
| 12.5°  | 340.1 | 340.9 | 338.1 | 338.1 | 337.3 | 336.5 | 334.5 | 331.3  | 329.7  | 329.3  | 328.1  |
| 15°    | 346.5 | 347.3 | 343.7 | 343.7 | 341.3 | 340.1 | 336.9 | 332.9  | 330.9  | 329.7  | 328.9  |
| 17.5°  | 356.0 | 356.4 | 352.4 | 352.0 | 348.4 | 346.1 | 340.9 | 335.3  | 332.1  | 329.3  | 328.6  |
| 20°    | 366.0 | 366.8 | 363.2 | 362.4 | 359.2 | 355.2 | 349.2 | 341.3  | 335.3  | 330.9  | 329.3  |
| 22.5°  | 376.7 | 377.9 | 375.1 | 373.9 | 370.7 | 366.0 | 358.0 | 348.4  | 339.7  | 334.9  | 331.3  |
| 25°    | 387.9 | 388.7 | 386.7 | 384.3 | 380.3 | 375.1 | 366.4 | 355.2  | 344.5  | 339.3  | 334.1  |
| 27.5°  | 400.2 | 401.0 | 399.4 | 396.2 | 391.8 | 383.9 | 374.3 | 362.8  | 351.6  | 344.5  | 339.3  |
| 30°    | 411.8 | 412.1 | 412.1 | 407.8 | 403.8 | 394.2 | 381.9 | 368.4  | 356.0  | 349.2  | 344.1  |
| 32.5°  | 424.1 | 425.7 | 424.5 | 419.3 | 413.0 | 401.4 | 387.1 | 370.0  | 356.8  | 350.4  | 344.5  |
| 35°    | 436.0 | 436.5 | 435.7 | 429.7 | 420.5 | 406.2 | 388.3 | 370.0  | 354.8  | 348.9  | 342.1  |
| 37.5°  | 442.8 | 443.2 | 443.2 | 436.0 | 424.1 | 406.6 | 387.1 | 367.6  | 352.4  | 344.1  | 337.7  |
| 40°    | 442.0 | 442.8 | 443.6 | 438.1 | 424.1 | 405.8 | 383.5 | 362.4  | 348.4  | 340.5  | 332.9  |
| 42.5°  | 435.7 | 436.0 | 436.0 | 432.5 | 418.9 | 400.2 | 378.3 | 357.6  | 342.5  | 334.9  | 327.7  |
| 45°    | 428.5 | 428.5 | 428.1 | 424.9 | 412.1 | 393.4 | 371.9 | 353.2  | 336.9  | 329.7  | 322.2  |
| 47.5°  | 420.1 | 420.9 | 420.5 | 418.5 | 405.8 | 386.7 | 366.8 | 349.6  | 331.7  | 324.2  | 316.6  |
| 50°    | 418.9 | 420.1 | 420.9 | 418.9 | 405.8 | 386.3 | 366.0 | 349.6  | 330.1  | 321.0  | 313.0  |
| 52.5°  | 488.2 | 484.3 | 471.9 | 452.8 | 427.7 | 402.2 | 378.7 | 359.6  | 337.3  | 325.7  | 315.8  |
| 55°    | 675.8 | 673.0 | 656.7 | 619.2 | 559.1 | 491.0 | 434.5 | 398.6  | 374.3  | 362.4  | 352.0  |
| 57.5°  | 816.0 | 810.0 | 794.4 | 767.0 | 724.8 | 667.4 | 597.7 | 536.8  | 491.0  | 477.1  | 470.7  |
| 60°    | 869.7 | 868.9 | 868.9 | 865.4 | 843.4 | 810.4 | 772.2 | 732.4  | 694.1  | 677.4  | 665.8  |
| 62.5°  | 901.2 | 899.6 | 902.0 | 904.0 | 895.6 | 884.9 | 895.2 | 925.1  | 934.6  | 919.1  | 890.4  |
| 65°    | 905.6 | 904.0 | 907.1 | 914.7 | 916.3 | 924.3 | 960.1 | 1043.4 | 1114.2 | 1109.5 | 1072.8 |
| 67°    | 728.8 | 740.7 | 784.5 | 852.2 | 895.6 | 923.9 | 978.1 | 1076.0 | 1148.1 | 1151.7 | 1132.2 |
| 67.5°  | 755.0 | 768.2 | 812.0 | 868.5 | 902.4 | 927.5 | 980.4 | 1075.6 | 1148.5 | 1151.3 | 1133.8 |
| 70°    | 456.0 | 462.3 | 492.2 | 559.1 | 653.1 | 751.5 | 868.9 | 991.6  | 1043.0 | 1018.7 | 967.7  |
| 72.5°  | 250.1 | 251.3 | 258.5 | 278.8 | 313.0 | 370.7 | 487.8 | 651.5  | 739.1  | 727.6  | 694.9  |
| 75°    | 137.8 | 138.2 | 142.2 | 148.5 | 157.3 | 168.1 | 193.5 | 242.5  | 384.7  | 432.9  | 409.8  |
| 77.5°  | 70.9  | 72.5  | 77.2  | 83.2  | 92.4  | 98.4  | 104.3 | 116.3  | 128.6  | 146.1  | 145.8  |
| 80°    | 41.0  | 41.4  | 41.0  | 41.8  | 43.0  | 43.0  | 48.2  | 59.3   | 64.5   | 64.1   | 65.7   |
| 82.5°  | 8.4   | 8.8   | 11.1  | 12.8  | 14.7  | 15.9  | 15.9  | 17.9   | 21.9   | 24.3   | 25.1   |
| 85°    | 0.8   | 0.8   | 0.8   | 1.2   | 1.2   | 1.2   | 1.2   | 1.6    | 2.0    | 2.4    | 2.8    |
| 87.5°  | 0.8   | 0.8   | 0.8   | 0.8   | 0.8   | 0.8   | 1.2   | 1.2    | 0.8    | 1.2    | 1.2    |
| 90°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0    | 0.0    | 0.0    |
| 92.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2    | 0.2    | 0.2    | 0.2    |
| 97.5°  | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5    | 0.5    | 0.5    | 0.5    |
| 100°   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6    | 1.6    | 1.6    | 1.6    |
| 102.5° | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8    | 2.8    | 2.8    | 2.8    |
| 105°   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8    | 3.8    | 3.8    | 3.8    |
| 107.5° | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8    | 4.8    | 4.8    | 4.8    |

REPORT NUMBER: P89351

CATALOG NUMBER: ENT-BXX-LED-E1-BL4-ULG-CWB

**CANDELA DISTRIBUTION (continued):**

|        | 0°   | 5°   | 10°  | 15°  | 20°  | 25°  | 30°  | 35°  | 40°  | 42.5° | 45°  |
|--------|------|------|------|------|------|------|------|------|------|-------|------|
| 110°   | 5.8  | 5.8  | 5.8  | 5.8  | 5.8  | 5.8  | 5.8  | 5.8  | 5.8  | 5.8   | 5.8  |
| 112.5° | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9   | 6.9  |
| 115°   | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1   | 8.1  |
| 117.5° | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6   | 9.6  |
| 120°   | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3  | 11.3 |
| 122.5° | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2  | 13.2 |
| 125°   | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5  | 15.5 |
| 127.5° | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9  | 17.9 |
| 130°   | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4  | 20.4 |
| 132.5° | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8  | 22.8 |
| 135°   | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2  | 25.2 |
| 137.5° | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6  | 27.6 |
| 140°   | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9  | 29.9 |
| 142.5° | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1  | 32.1 |
| 145°   | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0  | 34.0 |
| 147.5° | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6  | 35.6 |
| 150°   | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3  | 37.3 |
| 152.5° | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8  | 38.8 |
| 155°   | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0  | 40.0 |
| 157.5° | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1  | 41.1 |
| 160°   | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2  | 42.2 |
| 162.5° | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2  | 43.2 |
| 165°   | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0  | 44.0 |
| 167.5° | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4  | 44.4 |
| 170°   | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5  | 44.5 |
| 172.5° | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9  | 44.9 |
| 175°   | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5  | 45.5 |
| 177.5° | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7  | 45.7 |
| 180°   | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6  | 45.6 |

REPORT NUMBER: P89351

CATALOG NUMBER: ENT-BXX-LED-E1-BL4-ULG-CWB

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 320.2 | 320.2 | 320.2 | 320.2 | 320.2 | 320.2 | 320.2 | 320.2 | 320.2 | 320.2 | 320.2 |
| 2.5°   | 318.6 | 319.4 | 318.6 | 319.4 | 319.8 | 320.6 | 320.2 | 320.2 | 321.0 | 322.2 | 321.8 |
| 5°     | 318.2 | 318.2 | 317.0 | 317.8 | 317.8 | 318.2 | 317.4 | 316.6 | 317.0 | 317.0 | 317.0 |
| 7.5°   | 319.4 | 318.2 | 317.0 | 317.0 | 316.2 | 315.8 | 314.6 | 313.0 | 311.8 | 311.4 | 309.8 |
| 10°    | 322.6 | 320.2 | 318.2 | 317.4 | 315.8 | 314.2 | 311.8 | 309.4 | 307.4 | 305.4 | 303.9 |
| 12.5°  | 326.5 | 323.4 | 319.8 | 319.0 | 316.2 | 312.6 | 309.0 | 305.0 | 301.8 | 299.1 | 295.9 |
| 15°    | 327.7 | 323.8 | 320.6 | 319.0 | 316.2 | 311.0 | 305.4 | 301.1 | 295.5 | 291.9 | 287.1 |
| 17.5°  | 326.5 | 322.2 | 319.0 | 317.4 | 314.2 | 308.2 | 302.3 | 296.3 | 289.1 | 283.1 | 277.2 |
| 20°    | 325.7 | 321.0 | 317.4 | 315.0 | 311.4 | 305.4 | 298.7 | 291.1 | 281.9 | 274.8 | 267.2 |
| 22.5°  | 326.5 | 321.0 | 316.6 | 314.2 | 310.2 | 303.0 | 295.1 | 285.5 | 274.8 | 265.6 | 256.5 |
| 25°    | 326.9 | 321.0 | 315.8 | 313.8 | 310.2 | 302.3 | 292.7 | 281.9 | 269.2 | 257.3 | 245.3 |
| 27.5°  | 328.9 | 322.2 | 316.6 | 313.4 | 309.8 | 302.7 | 291.9 | 279.1 | 265.2 | 251.3 | 238.1 |
| 30°    | 331.3 | 322.6 | 316.6 | 311.4 | 306.6 | 298.7 | 287.1 | 273.6 | 260.4 | 246.1 | 233.0 |
| 32.5°  | 332.5 | 322.2 | 313.4 | 306.6 | 299.5 | 291.5 | 279.6 | 266.4 | 253.3 | 239.7 | 225.4 |
| 35°    | 330.1 | 319.0 | 309.4 | 299.9 | 289.1 | 278.8 | 268.4 | 258.5 | 246.1 | 230.2 | 214.7 |
| 37.5°  | 325.0 | 313.8 | 303.0 | 289.9 | 276.4 | 265.2 | 256.9 | 248.9 | 235.8 | 219.8 | 203.9 |
| 40°    | 319.0 | 308.6 | 296.3 | 280.3 | 266.0 | 255.7 | 246.9 | 238.5 | 227.4 | 210.7 | 196.3 |
| 42.5°  | 313.0 | 301.1 | 285.9 | 271.2 | 257.6 | 247.3 | 237.7 | 229.8 | 220.2 | 205.1 | 191.5 |
| 45°    | 307.0 | 292.7 | 276.8 | 264.8 | 252.1 | 240.9 | 231.8 | 223.4 | 214.7 | 201.1 | 190.3 |
| 47.5°  | 301.1 | 284.3 | 269.6 | 260.8 | 251.7 | 240.9 | 231.0 | 222.6 | 213.5 | 202.7 | 194.7 |
| 50°    | 295.1 | 277.9 | 268.0 | 262.0 | 256.1 | 245.7 | 234.6 | 224.6 | 215.4 | 208.3 | 201.9 |
| 52.5°  | 295.5 | 282.4 | 278.8 | 277.9 | 277.6 | 272.0 | 264.0 | 253.3 | 242.5 | 235.3 | 223.4 |
| 55°    | 337.7 | 336.9 | 346.5 | 357.6 | 368.0 | 370.7 | 362.8 | 350.4 | 337.3 | 324.2 | 291.5 |
| 57.5°  | 464.3 | 468.3 | 477.9 | 481.9 | 478.7 | 468.3 | 450.0 | 430.5 | 415.7 | 397.8 | 354.0 |
| 60°    | 643.1 | 620.4 | 594.9 | 571.9 | 546.8 | 517.3 | 485.0 | 458.0 | 442.4 | 413.0 | 366.8 |
| 62.5°  | 811.6 | 735.1 | 668.6 | 618.5 | 575.8 | 530.5 | 482.7 | 452.4 | 434.5 | 394.6 | 346.5 |
| 65°    | 940.6 | 806.8 | 696.5 | 610.5 | 544.0 | 489.4 | 441.6 | 414.2 | 389.1 | 342.5 | 296.3 |
| 67°    | 989.6 | 782.5 | 631.6 | 538.8 | 465.9 | 401.4 | 346.5 | 312.2 | 285.5 | 266.0 | 254.5 |
| 67.5°  | 995.6 | 790.5 | 639.2 | 546.4 | 474.7 | 412.1 | 359.2 | 326.2 | 299.9 | 276.0 | 258.5 |
| 70°    | 827.1 | 650.7 | 499.0 | 387.1 | 294.3 | 227.0 | 175.2 | 143.8 | 118.7 | 108.7 | 131.4 |
| 72.5°  | 553.9 | 387.5 | 249.7 | 162.1 | 113.5 | 84.8  | 67.3  | 58.9  | 50.6  | 44.6  | 41.8  |
| 75°    | 248.1 | 135.0 | 86.4  | 67.7  | 55.8  | 47.8  | 40.6  | 35.0  | 31.0  | 27.9  | 25.1  |
| 77.5°  | 109.9 | 83.6  | 60.9  | 45.8  | 37.0  | 31.0  | 25.5  | 21.5  | 19.9  | 19.1  | 18.3  |
| 80°    | 64.5  | 50.2  | 31.9  | 25.9  | 22.3  | 19.9  | 17.9  | 15.1  | 13.9  | 13.9  | 13.9  |
| 82.5°  | 23.5  | 19.1  | 15.9  | 14.3  | 13.1  | 12.8  | 12.3  | 11.6  | 10.7  | 10.7  | 10.7  |
| 85°    | 3.6   | 4.8   | 5.2   | 6.4   | 6.8   | 7.6   | 7.6   | 7.6   | 7.6   | 7.6   | 9.2   |
| 87.5°  | 1.2   | 1.2   | 1.2   | 1.2   | 1.2   | 1.6   | 1.6   | 1.6   | 2.0   | 2.8   | 3.6   |
| 90°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 92.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 95°    | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   |
| 97.5°  | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   |
| 100°   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   |
| 102.5° | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   |
| 105°   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   |
| 107.5° | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   |

REPORT NUMBER: P89351

CATALOG NUMBER: ENT-BXX-LED-E1-BL4-ULG-CWB

**CANDELA DISTRIBUTION (continued):**

|        | 50°  | 55°  | 60°  | 65°  | 70°  | 75°  | 80°  | 85°  | 90°  | 95°  | 100° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 110°   | 5.8  | 5.8  | 5.8  | 5.8  | 5.8  | 5.8  | 5.8  | 5.8  | 5.8  | 5.8  | 5.8  |
| 112.5° | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  |
| 115°   | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  |
| 117.5° | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  |
| 120°   | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 |
| 122.5° | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 |
| 125°   | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 |
| 127.5° | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 |
| 130°   | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 |
| 132.5° | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 |
| 135°   | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 |
| 137.5° | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 |
| 140°   | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 |
| 142.5° | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 |
| 145°   | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 |
| 147.5° | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 |
| 150°   | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 |
| 152.5° | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 |
| 155°   | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 |
| 157.5° | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 |
| 160°   | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 |
| 162.5° | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 |
| 165°   | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 |
| 167.5° | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 |
| 170°   | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 |
| 172.5° | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 |
| 175°   | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 |
| 177.5° | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 |
| 180°   | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 |

REPORT NUMBER: P89351

CATALOG NUMBER: ENT-BXX-LED-E1-BL4-ULG-CWB

**CANDELA DISTRIBUTION (continued):**

|        | 105°  | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 320.2 | 320.2 | 320.2 | 320.2 | 320.2 | 320.2 | 320.2 | 320.2 | 320.2 | 320.2 | 320.2 |
| 2.5°   | 321.0 | 320.2 | 321.0 | 320.2 | 320.2 | 319.8 | 319.4 | 319.0 | 319.0 | 318.2 | 318.2 |
| 5°     | 316.2 | 315.8 | 316.2 | 315.0 | 315.4 | 315.4 | 314.6 | 314.6 | 314.2 | 313.4 | 313.4 |
| 7.5°   | 309.8 | 309.0 | 309.0 | 307.0 | 307.0 | 307.0 | 306.6 | 306.2 | 305.4 | 305.0 | 305.4 |
| 10°    | 302.7 | 301.5 | 299.9 | 297.5 | 295.9 | 295.1 | 293.5 | 293.1 | 292.3 | 292.3 | 293.5 |
| 12.5°  | 293.5 | 291.5 | 288.3 | 285.9 | 282.7 | 280.3 | 277.6 | 276.4 | 274.8 | 274.8 | 276.8 |
| 15°    | 282.7 | 279.1 | 274.8 | 270.8 | 267.2 | 263.6 | 260.0 | 257.6 | 255.3 | 255.3 | 256.1 |
| 17.5°  | 271.2 | 266.0 | 260.0 | 254.9 | 250.1 | 245.7 | 240.9 | 238.1 | 235.8 | 234.1 | 234.6 |
| 20°    | 259.2 | 251.7 | 243.7 | 236.2 | 230.2 | 225.0 | 219.8 | 217.1 | 215.0 | 213.8 | 213.5 |
| 22.5°  | 247.3 | 237.7 | 228.2 | 217.8 | 208.7 | 201.9 | 197.5 | 194.7 | 193.2 | 191.1 | 188.8 |
| 25°    | 233.8 | 223.0 | 211.4 | 199.1 | 188.4 | 180.0 | 176.0 | 172.8 | 169.7 | 166.4 | 162.5 |
| 27.5°  | 225.4 | 211.9 | 198.3 | 183.6 | 172.0 | 163.3 | 156.9 | 152.1 | 148.2 | 144.6 | 141.4 |
| 30°    | 219.0 | 204.7 | 189.6 | 173.2 | 160.5 | 149.7 | 142.2 | 136.2 | 131.0 | 127.0 | 123.1 |
| 32.5°  | 210.7 | 195.9 | 180.4 | 165.2 | 150.9 | 138.6 | 129.4 | 122.6 | 115.9 | 110.3 | 105.5 |
| 35°    | 199.9 | 187.2 | 174.0 | 158.1 | 142.6 | 129.0 | 118.3 | 110.3 | 102.3 | 95.2  | 89.6  |
| 37.5°  | 191.5 | 181.2 | 168.5 | 151.3 | 134.2 | 120.3 | 108.7 | 98.4  | 89.2  | 80.8  | 74.5  |
| 40°    | 186.8 | 177.2 | 163.7 | 144.9 | 126.6 | 111.5 | 99.6  | 88.4  | 78.1  | 68.5  | 61.7  |
| 42.5°  | 184.0 | 175.2 | 159.7 | 139.4 | 120.3 | 103.9 | 91.2  | 78.8  | 66.9  | 56.6  | 50.2  |
| 45°    | 184.0 | 176.0 | 157.7 | 135.4 | 114.7 | 97.2  | 82.8  | 68.5  | 55.4  | 46.2  | 42.2  |
| 47.5°  | 188.4 | 176.0 | 155.3 | 132.6 | 111.1 | 91.6  | 74.1  | 57.3  | 45.0  | 39.8  | 38.2  |
| 50°    | 193.9 | 176.4 | 154.1 | 129.8 | 106.7 | 85.2  | 63.3  | 45.4  | 38.2  | 36.2  | 36.6  |
| 52.5°  | 203.9 | 180.0 | 153.7 | 126.6 | 101.1 | 76.1  | 51.0  | 37.8  | 35.0  | 35.0  | 35.8  |
| 55°    | 236.2 | 190.3 | 154.5 | 122.3 | 92.4  | 62.1  | 39.4  | 33.9  | 33.4  | 34.3  | 35.0  |
| 57.5°  | 290.7 | 223.4 | 160.1 | 114.7 | 77.6  | 46.6  | 33.9  | 32.7  | 33.1  | 33.9  | 34.3  |
| 60°    | 312.6 | 250.1 | 175.2 | 105.5 | 58.9  | 35.0  | 31.0  | 31.9  | 32.2  | 33.1  | 33.4  |
| 62.5°  | 299.9 | 249.3 | 178.8 | 95.2  | 42.2  | 29.9  | 29.9  | 31.0  | 32.2  | 32.2  | 32.2  |
| 65°    | 259.7 | 220.2 | 160.9 | 77.6  | 31.9  | 27.9  | 29.1  | 30.3  | 31.0  | 31.5  | 31.5  |
| 67°    | 227.0 | 185.2 | 129.4 | 53.4  | 28.7  | 26.3  | 27.9  | 29.1  | 29.1  | 29.5  | 29.9  |
| 67.5°  | 228.2 | 187.2 | 131.0 | 54.6  | 28.7  | 26.7  | 27.9  | 29.1  | 29.5  | 29.9  | 30.3  |
| 70°    | 183.6 | 171.2 | 115.9 | 46.6  | 28.7  | 25.5  | 26.7  | 27.5  | 27.9  | 27.9  | 28.7  |
| 72.5°  | 56.6  | 119.9 | 110.3 | 44.6  | 28.3  | 23.9  | 25.1  | 25.9  | 25.9  | 25.9  | 26.3  |
| 75°    | 25.5  | 35.0  | 72.5  | 42.2  | 26.7  | 22.3  | 22.7  | 23.1  | 23.9  | 23.5  | 23.5  |
| 77.5°  | 18.3  | 24.3  | 38.6  | 36.6  | 23.5  | 19.9  | 19.9  | 20.7  | 20.3  | 20.3  | 20.7  |
| 80°    | 13.9  | 16.7  | 23.9  | 25.1  | 18.3  | 16.3  | 16.7  | 17.1  | 17.1  | 17.1  | 17.1  |
| 82.5°  | 10.7  | 11.6  | 15.1  | 16.3  | 13.9  | 12.8  | 12.3  | 13.5  | 13.9  | 13.9  | 13.9  |
| 85°    | 8.4   | 8.4   | 8.8   | 11.6  | 11.9  | 10.4  | 9.6   | 10.4  | 10.4  | 10.7  | 11.1  |
| 87.5°  | 5.6   | 6.0   | 6.4   | 6.8   | 7.2   | 6.4   | 5.6   | 6.0   | 6.4   | 6.4   | 6.4   |
| 90°    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 92.5°  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 95°    | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   | 0.2   |
| 97.5°  | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   | 0.5   |
| 100°   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   | 1.6   |
| 102.5° | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   | 2.8   |
| 105°   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   | 3.8   |
| 107.5° | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   | 4.8   |

REPORT NUMBER: P89351  
CATALOG NUMBER: ENT-BXX-LED-E1-BL4-ULG-CWB

REPORT N  
CATALOG

**CANDELA DISTRIBUTION (continued):**

**CANDELA**

|        | 105° | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° |        |
|--------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 110°   | 5.8  | 5.8  | 5.8  | 5.8  | 5.8  | 5.8  | 5.8  | 5.8  | 5.8  | 5.8  | 5.8  | 0°     |
| 112.5° | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 6.9  | 2.5°   |
| 115°   | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 8.1  | 5°     |
| 117.5° | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 9.6  | 7.5°   |
| 120°   | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 11.3 | 10°    |
| 122.5° | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 12.5°  |
| 125°   | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15°    |
| 127.5° | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.9 | 17.5°  |
| 130°   | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20°    |
| 132.5° | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.8 | 22.5°  |
| 135°   | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25°    |
| 137.5° | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.5°  |
| 140°   | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 30°    |
| 142.5° | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.1 | 32.5°  |
| 145°   | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 35°    |
| 147.5° | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 37.5°  |
| 150°   | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 40°    |
| 152.5° | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 42.5°  |
| 155°   | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 45°    |
| 157.5° | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 47.5°  |
| 160°   | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 50°    |
| 162.5° | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 52.5°  |
| 165°   | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 55°    |
| 167.5° | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 57.5°  |
| 170°   | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 60°    |
| 172.5° | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 62.5°  |
| 175°   | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 65°    |
| 177.5° | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 67°    |
| 180°   | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 67.5°  |
|        |      |      |      |      |      |      |      |      |      |      |      | 70°    |
|        |      |      |      |      |      |      |      |      |      |      |      | 72.5°  |
|        |      |      |      |      |      |      |      |      |      |      |      | 75°    |
|        |      |      |      |      |      |      |      |      |      |      |      | 77.5°  |
|        |      |      |      |      |      |      |      |      |      |      |      | 80°    |
|        |      |      |      |      |      |      |      |      |      |      |      | 82.5°  |
|        |      |      |      |      |      |      |      |      |      |      |      | 85°    |
|        |      |      |      |      |      |      |      |      |      |      |      | 87.5°  |
|        |      |      |      |      |      |      |      |      |      |      |      | 90°    |
|        |      |      |      |      |      |      |      |      |      |      |      | 92.5°  |
|        |      |      |      |      |      |      |      |      |      |      |      | 95°    |
|        |      |      |      |      |      |      |      |      |      |      |      | 97.5°  |
|        |      |      |      |      |      |      |      |      |      |      |      | 100°   |
|        |      |      |      |      |      |      |      |      |      |      |      | 102.5° |
|        |      |      |      |      |      |      |      |      |      |      |      | 105°   |
|        |      |      |      |      |      |      |      |      |      |      |      | 107.5° |

NUMBER: P89351

NUMBER: ENT-BXX-LED-E1-BL4-ULG-CWB

REPORT NUMBER: P

CATALOG NUMBER:

**DISTRIBUTION (continued):**

| 160°  | 165°  | 170°  | 175°  | 180°  |
|-------|-------|-------|-------|-------|
| 320.2 | 320.2 | 320.2 | 320.2 | 320.2 |
| 319.8 | 319.8 | 318.6 | 319.8 | 319.4 |
| 315.0 | 314.6 | 314.2 | 315.0 | 314.6 |
| 305.4 | 305.4 | 306.2 | 306.2 | 305.4 |
| 293.9 | 293.9 | 295.1 | 295.5 | 295.1 |
| 277.6 | 277.6 | 278.8 | 279.1 | 277.9 |
| 258.0 | 257.6 | 258.5 | 258.5 | 258.5 |
| 236.9 | 237.7 | 238.9 | 238.5 | 238.9 |
| 214.2 | 214.7 | 215.0 | 214.2 | 215.0 |
| 187.6 | 186.4 | 185.6 | 184.4 | 184.8 |
| 159.7 | 158.1 | 156.9 | 156.5 | 156.5 |
| 138.2 | 136.6 | 135.8 | 135.0 | 135.4 |
| 119.9 | 117.9 | 116.3 | 115.9 | 115.9 |
| 102.0 | 99.2  | 97.6  | 96.8  | 96.4  |
| 85.6  | 82.4  | 79.6  | 78.4  | 77.6  |
| 70.1  | 66.1  | 63.3  | 61.7  | 61.3  |
| 56.6  | 52.6  | 49.8  | 49.0  | 48.6  |
| 46.2  | 43.4  | 41.8  | 41.4  | 41.0  |
| 40.2  | 39.0  | 38.6  | 38.6  | 38.6  |
| 37.8  | 37.4  | 37.4  | 37.8  | 37.8  |
| 36.6  | 36.6  | 36.6  | 37.0  | 37.0  |
| 36.2  | 36.6  | 36.2  | 36.2  | 36.2  |
| 35.0  | 35.5  | 35.5  | 35.0  | 35.5  |
| 34.6  | 35.0  | 34.6  | 34.6  | 34.6  |
| 33.9  | 33.9  | 33.9  | 33.4  | 33.9  |
| 33.1  | 33.4  | 33.1  | 33.4  | 33.4  |
| 31.9  | 31.9  | 31.9  | 32.2  | 31.9  |
| 29.9  | 29.5  | 29.9  | 29.5  | 29.5  |
| 30.3  | 29.9  | 29.9  | 29.9  | 30.3  |
| 28.3  | 27.9  | 28.3  | 28.7  | 28.7  |
| 25.9  | 25.9  | 26.7  | 27.5  | 27.9  |
| 23.5  | 24.3  | 25.1  | 26.3  | 26.7  |
| 20.7  | 21.5  | 22.3  | 23.1  | 23.9  |
| 17.1  | 17.5  | 17.9  | 18.7  | 19.1  |
| 13.9  | 13.9  | 14.3  | 14.3  | 14.7  |
| 11.1  | 11.6  | 11.6  | 11.6  | 11.6  |
| 6.0   | 6.4   | 6.8   | 6.4   | 6.4   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 0.2   | 0.2   | 0.2   | 0.2   | 0.2   |
| 0.5   | 0.5   | 0.5   | 0.5   | 0.5   |
| 1.6   | 1.6   | 1.6   | 1.6   | 1.6   |
| 2.8   | 2.8   | 2.8   | 2.8   | 2.8   |
| 3.8   | 3.8   | 3.8   | 3.8   | 3.8   |
| 4.8   | 4.8   | 4.8   | 4.8   | 4.8   |

**CANDELA DISTRIBUTION:**

|        | 160° |
|--------|------|
| 110°   | 5.8  |
| 112.5° | 6.9  |
| 115°   | 8.1  |
| 117.5° | 9.6  |
| 120°   | 11.3 |
| 122.5° | 13.2 |
| 125°   | 15.5 |
| 127.5° | 17.9 |
| 130°   | 20.4 |
| 132.5° | 22.8 |
| 135°   | 25.2 |
| 137.5° | 27.6 |
| 140°   | 29.9 |
| 142.5° | 32.1 |
| 145°   | 34.0 |
| 147.5° | 35.6 |
| 150°   | 37.3 |
| 152.5° | 38.8 |
| 155°   | 40.0 |
| 157.5° | 41.1 |
| 160°   | 42.2 |
| 162.5° | 43.2 |
| 165°   | 44.0 |
| 167.5° | 44.4 |
| 170°   | 44.5 |
| 172.5° | 44.9 |
| 175°   | 45.5 |
| 177.5° | 45.7 |
| 180°   | 45.6 |

'89351

ENT-BXX-LED-E1-BL4-ULG-CWB

**TION (continued):**

| 165° | 170° | 175° | 180° |
|------|------|------|------|
| 5.8  | 5.8  | 5.8  | 5.8  |
| 6.9  | 6.9  | 6.9  | 6.9  |
| 8.1  | 8.1  | 8.1  | 8.1  |
| 9.6  | 9.6  | 9.6  | 9.6  |
| 11.3 | 11.3 | 11.3 | 11.3 |
| 13.2 | 13.2 | 13.2 | 13.2 |
| 15.5 | 15.5 | 15.5 | 15.5 |
| 17.9 | 17.9 | 17.9 | 17.9 |
| 20.4 | 20.4 | 20.4 | 20.4 |
| 22.8 | 22.8 | 22.8 | 22.8 |
| 25.2 | 25.2 | 25.2 | 25.2 |
| 27.6 | 27.6 | 27.6 | 27.6 |
| 29.9 | 29.9 | 29.9 | 29.9 |
| 32.1 | 32.1 | 32.1 | 32.1 |
| 34.0 | 34.0 | 34.0 | 34.0 |
| 35.6 | 35.6 | 35.6 | 35.6 |
| 37.3 | 37.3 | 37.3 | 37.3 |
| 38.8 | 38.8 | 38.8 | 38.8 |
| 40.0 | 40.0 | 40.0 | 40.0 |
| 41.1 | 41.1 | 41.1 | 41.1 |
| 42.2 | 42.2 | 42.2 | 42.2 |
| 43.2 | 43.2 | 43.2 | 43.2 |
| 44.0 | 44.0 | 44.0 | 44.0 |
| 44.4 | 44.4 | 44.4 | 44.4 |
| 44.5 | 44.5 | 44.5 | 44.5 |
| 44.9 | 44.9 | 44.9 | 44.9 |
| 45.5 | 45.5 | 45.5 | 45.5 |
| 45.7 | 45.7 | 45.7 | 45.7 |
| 45.6 | 45.6 | 45.6 | 45.6 |

(END OF REPORT)