

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: LUMIERE

Report Number: P394795

Luminaire Tested: **303-P1-LEDB1-TSAM-UNV-T2-DIM10-EDGE**

Issue Date: 4/9/2020

Test Information

Test Method: LM-79-08
Report Number: P394795
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2001-660-16)
Test Lab: INNOVATION CENTER
Issue Date: 4/9/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 303-P1-LEDB1-TSAM-UNV-T2-DIM10-EDGE
Description: LUMIERE EON LED LUMINAIRE
PATHWAY, TYPE 2 WITH EDGE GLOW
Light Source: AMBER LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 212.2 lumens
Efficiency: N/A
Efficacy: 32.7 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.38' x L: 0.21' x H: 0.01')
IES Classification: Type II - Short
BUG Rating: B0 - U1 - G0

Input Watts (W): 6.5
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: 28.75 FT

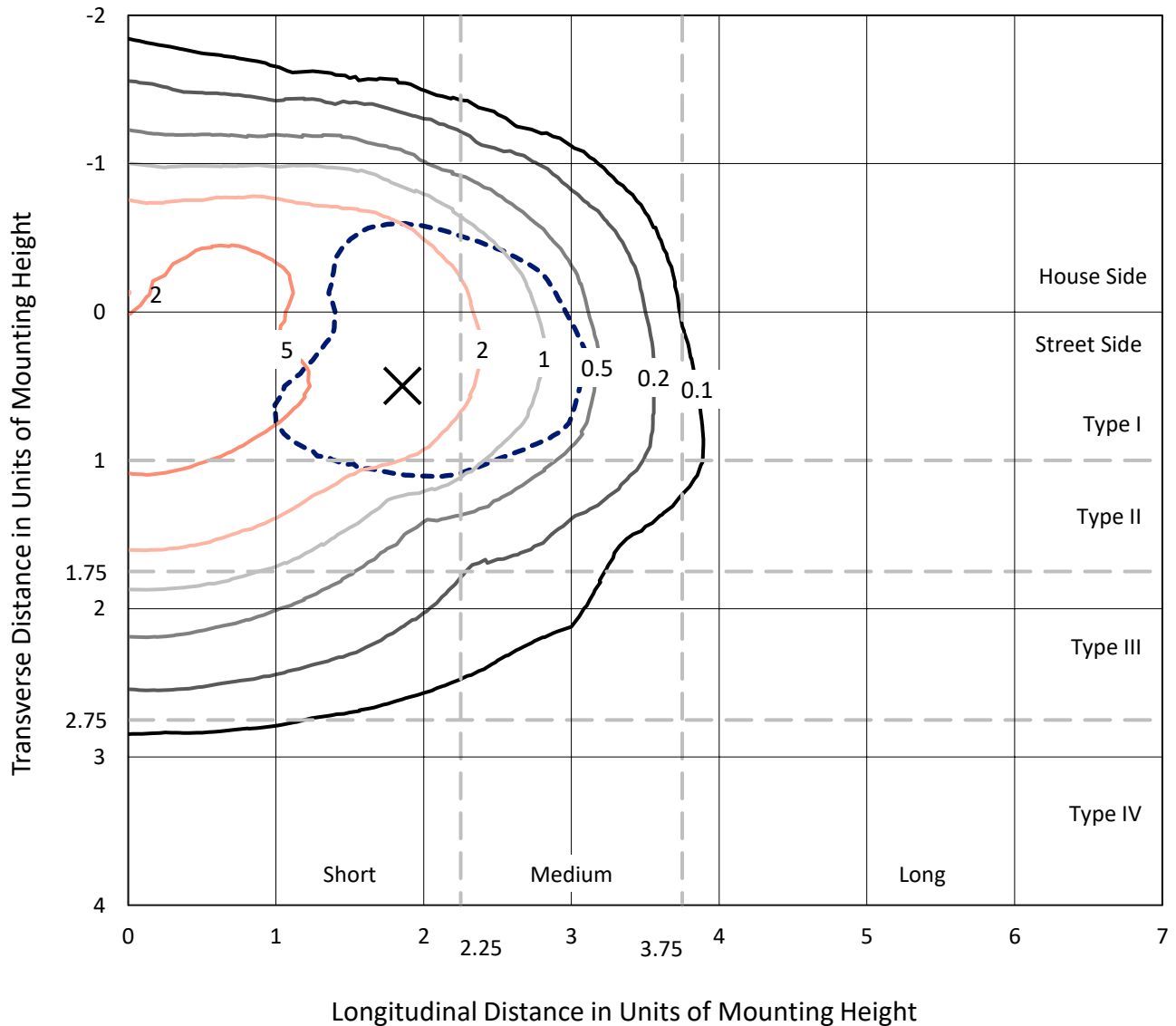


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CATALOG NUMBER: 303-P1-LEDB1-TSAM-UNV-T2-DIM10-EDGE

Iso-Footcandle Lines of Horizontal Illumination

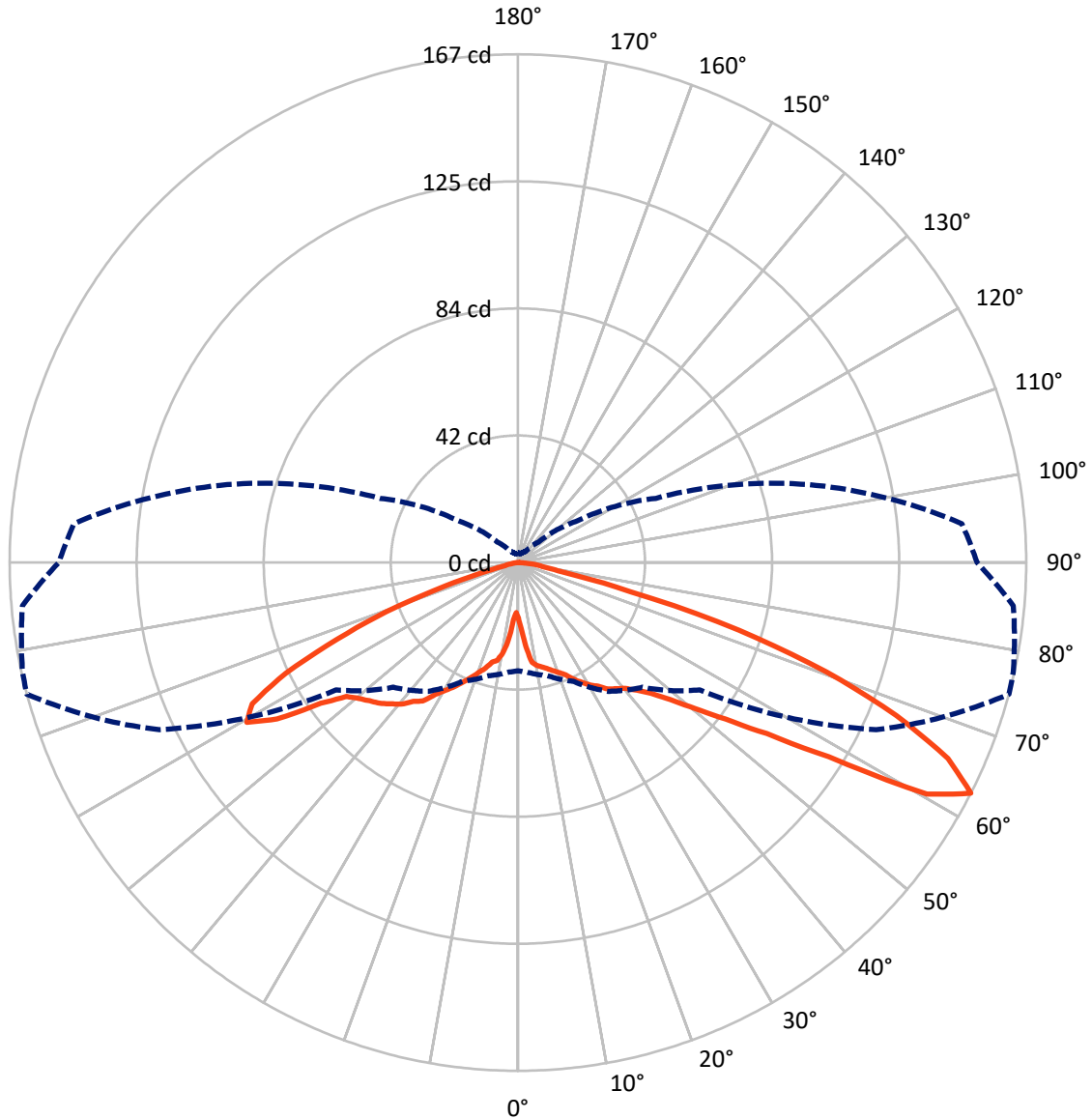
× Max cd
 - - - 1/2 Max cd



Based on 2 foot mounting height. Maximum calculated value = 9.2 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 62.5-Deg Vertical

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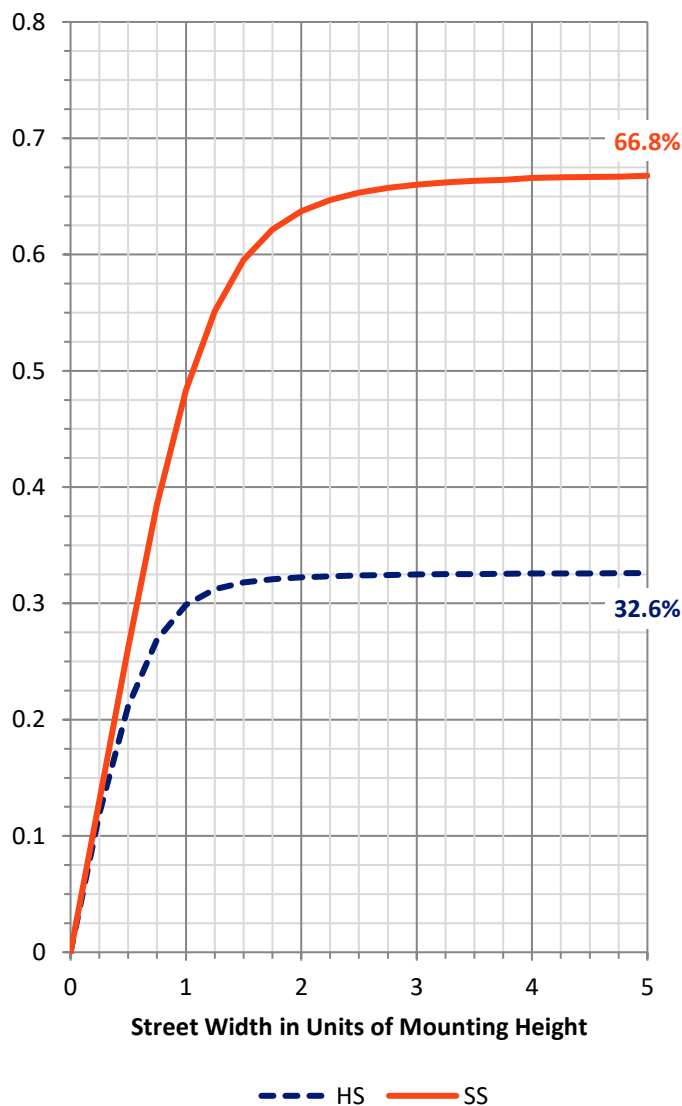
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|-------|
| House Side | Lumens | 69.6 | 0.0 | 69.6 |
| | % Fixture | 32.8 | 0.0 | 32.8 |
| Street Side | Lumens | 142.0 | 0.6 | 142.6 |
| | % Fixture | 66.9 | 0.3 | 67.2 |
| Total | Lumens | 211.6 | 0.6 | 212.2 |
| | % Fixture | 99.7 | 0.3 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 2.3 | 1.1 |
| 10°-20° | 8.9 | 4.2 |
| 20°-30° | 16.5 | 7.8 |
| 30°-40° | 27.1 | 12.8 |
| 40°-50° | 39.2 | 18.4 |
| 50°-60° | 51.5 | 24.3 |
| 60°-70° | 50.5 | 23.8 |
| 70°-80° | 14.2 | 6.7 |
| 80°-90° | 1.4 | 0.7 |
| 90°-100° | 0.3 | 0.1 |
| 100°-110° | 0.2 | 0.1 |
| 110°-120° | 0.1 | 0.1 |
| 120°-130° | 0.1 | 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°-90° | 211.6 | 99.7 |
| 0°-180° | 212.2 | 100.0 |

Coefficient of Utilization



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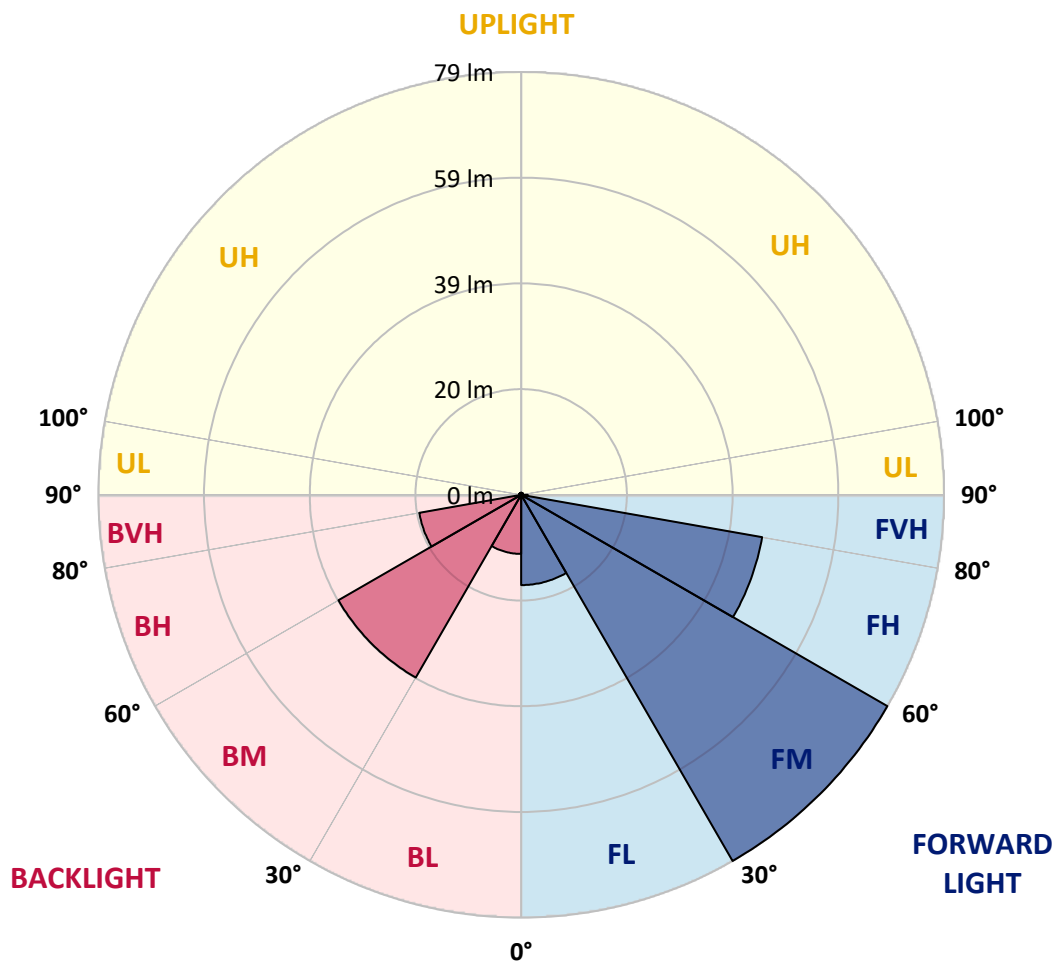
CATALOG NUMBER: 303-P1-LEDB1-TSAM-UNV-T2-DIM10-EDGE

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|-------|--------|
| | | | B | U | G |
| FL (0°-30°) | 16.8 | 7.9 | | | |
| FM (30°-60°) | 78.6 | 37.0 | | | |
| FH (60°-80°) | 45.5 | 21.4 | | | G0/660 |
| FVH (80°-90°) | 1.2 | 0.6 | | | G0/10 |
| BL (0°-30°) | 11.0 | 5.2 | B0/110 | | |
| BM (30°-60°) | 39.2 | 18.5 | B0/220 | | |
| BH (60°-80°) | 19.2 | 9.1 | B0/110 | | G0/110 |
| BVH (80°-90°) | 0.2 | 0.1 | | | G0/10 |
| UL (90°-100°) | 0.3 | 0.1 | | U1/10 | |
| UH (100°-180°) | 0.4 | 0.2 | | U1/10 | |

BUG Rating: B0-U1-G0

Type II Short





REPORT NUMBER: P394795

CATALOG NUMBER: 303-P1-LEDB1-TSAM-UNV-T2-DIM10-EDGE

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 77.5° | 85° |
|--------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| 0° | 18.2 | 18.2 | 18.2 | 18.2 | 18.2 | 18.2 | 18.2 | 18.2 | 18.2 | 18.2 | 18.2 |
| 2.5° | 32.0 | 32.3 | 32.3 | 30.5 | 29.6 | 27.5 | 25.1 | 22.7 | 21.8 | 21.5 | 20.6 |
| 5° | 33.8 | 33.8 | 32.9 | 32.9 | 33.2 | 32.9 | 32.6 | 30.2 | 27.8 | 26.3 | 25.4 |
| 7.5° | 37.1 | 37.4 | 35.6 | 35.3 | 34.7 | 34.7 | 32.9 | 33.2 | 33.2 | 32.6 | 29.6 |
| 10° | 38.9 | 39.5 | 37.7 | 37.1 | 36.8 | 36.8 | 35.6 | 35.0 | 34.4 | 33.5 | 33.8 |
| 12.5° | 39.5 | 39.5 | 38.6 | 38.6 | 37.7 | 37.7 | 37.1 | 34.7 | 35.3 | 35.0 | 34.4 |
| 15° | 40.7 | 40.7 | 39.5 | 39.5 | 38.6 | 37.1 | 37.7 | 36.5 | 36.2 | 35.9 | 35.9 |
| 17.5° | 41.3 | 42.8 | 41.0 | 39.8 | 39.2 | 38.9 | 38.3 | 37.4 | 37.4 | 37.1 | 36.2 |
| 20° | 41.9 | 42.5 | 42.2 | 41.0 | 39.8 | 39.5 | 38.9 | 38.6 | 38.6 | 38.6 | 38.9 |
| 22.5° | 42.5 | 42.8 | 42.2 | 41.3 | 41.0 | 39.8 | 39.8 | 40.1 | 40.1 | 39.5 | 40.7 |
| 25° | 42.5 | 42.8 | 42.2 | 41.6 | 41.0 | 41.6 | 41.0 | 42.2 | 42.5 | 42.5 | 43.1 |
| 27.5° | 41.9 | 43.4 | 43.1 | 42.5 | 42.2 | 42.5 | 43.1 | 44.0 | 44.6 | 44.6 | 45.2 |
| 30° | 45.2 | 46.4 | 45.8 | 44.6 | 44.3 | 44.9 | 44.3 | 45.2 | 46.7 | 46.7 | 46.7 |
| 32.5° | 50.2 | 50.2 | 50.0 | 48.5 | 48.5 | 48.5 | 48.2 | 47.0 | 48.5 | 48.5 | 49.7 |
| 35° | 52.9 | 55.3 | 54.1 | 53.8 | 53.8 | 53.2 | 51.7 | 51.1 | 51.1 | 50.2 | 51.1 |
| 37.5° | 58.3 | 58.9 | 58.3 | 58.6 | 59.2 | 58.3 | 57.4 | 54.4 | 52.6 | 52.0 | 53.2 |
| 40° | 61.3 | 62.2 | 61.6 | 62.5 | 64.3 | 64.6 | 62.5 | 57.4 | 54.4 | 54.1 | 54.7 |
| 42.5° | 61.9 | 63.7 | 64.0 | 66.1 | 67.9 | 69.4 | 69.7 | 63.7 | 57.4 | 56.2 | 56.8 |
| 45° | 63.1 | 65.2 | 65.8 | 67.0 | 70.6 | 73.6 | 73.6 | 69.7 | 61.3 | 58.6 | 57.7 |
| 47.5° | 65.8 | 66.1 | 68.2 | 68.2 | 72.4 | 75.1 | 79.6 | 77.8 | 67.3 | 64.0 | 61.9 |
| 50° | 62.8 | 66.1 | 66.7 | 68.5 | 72.7 | 76.9 | 83.2 | 85.5 | 75.4 | 71.5 | 65.8 |
| 52.5° | 65.5 | 66.1 | 67.9 | 67.6 | 70.9 | 76.9 | 85.5 | 91.2 | 85.5 | 82.0 | 71.5 |
| 55° | 64.3 | 64.6 | 65.8 | 66.4 | 70.3 | 75.4 | 86.4 | 98.4 | 99.3 | 94.8 | 84.9 |
| 57.5° | 56.5 | 57.4 | 59.5 | 62.5 | 66.1 | 70.9 | 86.1 | 110.7 | 120.5 | 119.9 | 114.3 |
| 60° | 45.5 | 47.0 | 50.0 | 53.8 | 61.6 | 67.6 | 83.5 | 127.7 | 154.6 | 154.0 | 147.8 |
| 62.5° | 35.6 | 36.2 | 38.6 | 43.1 | 51.7 | 58.0 | 73.0 | 130.1 | 167.2 | 166.9 | 163.6 |
| 65° | 29.6 | 30.2 | 30.5 | 32.6 | 37.1 | 45.2 | 56.8 | 119.6 | 155.5 | 160.9 | 159.4 |
| 67.5° | 19.4 | 20.6 | 21.5 | 23.9 | 26.3 | 29.3 | 36.8 | 97.2 | 134.3 | 137.6 | 143.0 |
| 70° | 11.7 | 11.7 | 13.2 | 16.5 | 20.9 | 22.7 | 23.6 | 63.1 | 107.7 | 111.0 | 118.1 |
| 72.5° | 8.7 | 8.7 | 9.3 | 10.8 | 15.3 | 20.6 | 21.2 | 36.5 | 76.0 | 76.9 | 77.8 |
| 75° | 6.3 | 6.6 | 6.6 | 7.2 | 8.7 | 14.4 | 22.4 | 20.3 | 38.3 | 36.5 | 27.8 |
| 77.5° | 3.9 | 3.9 | 4.2 | 4.5 | 5.1 | 6.9 | 15.9 | 13.8 | 14.7 | 12.9 | 6.0 |
| 80° | 2.7 | 2.7 | 2.7 | 2.7 | 3.0 | 3.3 | 7.2 | 12.9 | 8.4 | 9.3 | 3.6 |
| 82.5° | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 2.4 | 10.5 | 6.3 | 8.1 | 2.1 |
| 85° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 3.9 | 2.4 | 2.7 | 0.9 |
| 87.5° | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.6 | 0.3 | 0.3 |
| 90° | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.6 | 0.6 | 0.3 | 0.3 | 0.3 | 0.0 |
| 92.5° | 0.9 | 0.9 | 0.9 | 0.9 | 0.6 | 0.6 | 0.6 | 0.3 | 0.3 | 0.3 | 0.0 |
| 95° | 0.6 | 0.9 | 0.9 | 0.6 | 0.6 | 0.6 | 0.6 | 0.3 | 0.3 | 0.0 | 0.0 |
| 97.5° | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.3 | 0.3 | 0.3 | 0.0 | 0.0 |
| 100° | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.3 | 0.3 | 0.3 | 0.0 | 0.0 |
| 102.5° | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.3 | 0.3 | 0.3 | 0.0 | 0.0 |
| 105° | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.3 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.6 | 0.6 | 0.6 | 0.6 | 0.3 | 0.3 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 |
| 110° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P394795

CATALOG NUMBER: 303-P1-LEDB1-TSAM-UNV-T2-DIM10-EDGE

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 77.5° | 85° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|
| 112.5° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 |
| 115° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 |
| 120° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.3 | 0.3 | 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 |



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CATALOG NUMBER: 303-P1-LEDB1-TSAM-UNV-T2-DIM10-EDGE

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-------|-------|-------|------|------|------|------|------|------|------|------|
| 0° | 18.2 | 18.2 | 18.2 | 18.2 | 18.2 | 18.2 | 18.2 | 18.2 | 18.2 | 18.2 | 18.2 |
| 2.5° | 19.4 | 18.8 | 16.5 | 13.8 | 10.5 | 9.3 | 8.4 | 5.4 | 2.7 | 1.8 | 1.8 |
| 5° | 23.3 | 22.7 | 18.8 | 17.3 | 14.4 | 10.5 | 8.7 | 6.6 | 4.2 | 2.7 | 1.2 |
| 7.5° | 28.1 | 27.8 | 25.7 | 21.5 | 18.2 | 15.6 | 13.2 | 12.0 | 8.1 | 8.4 | 8.4 |
| 10° | 33.2 | 32.9 | 30.2 | 27.5 | 23.0 | 19.4 | 17.6 | 17.3 | 15.3 | 13.2 | 12.9 |
| 12.5° | 33.8 | 34.7 | 32.9 | 28.4 | 25.4 | 22.1 | 19.7 | 17.3 | 16.2 | 16.5 | 17.6 |
| 15° | 35.3 | 35.0 | 33.8 | 29.9 | 26.9 | 22.4 | 20.0 | 18.2 | 16.5 | 16.7 | 17.9 |
| 17.5° | 37.1 | 37.1 | 36.2 | 31.4 | 28.1 | 23.6 | 20.6 | 19.1 | 16.7 | 17.9 | 18.2 |
| 20° | 38.6 | 38.6 | 38.3 | 32.9 | 29.6 | 23.9 | 20.9 | 19.4 | 17.0 | 17.6 | 18.2 |
| 22.5° | 40.7 | 41.9 | 40.7 | 35.6 | 31.1 | 25.7 | 21.5 | 19.7 | 17.0 | 17.6 | 18.2 |
| 25° | 42.8 | 43.7 | 43.1 | 38.0 | 33.5 | 26.3 | 21.8 | 20.0 | 17.0 | 17.0 | 18.2 |
| 27.5° | 45.2 | 46.1 | 45.8 | 39.8 | 35.3 | 27.8 | 22.4 | 19.4 | 17.0 | 17.3 | 17.9 |
| 30° | 47.6 | 49.4 | 48.2 | 42.5 | 37.4 | 28.7 | 23.0 | 20.3 | 16.7 | 16.5 | 17.6 |
| 32.5° | 50.0 | 50.5 | 51.1 | 45.5 | 38.9 | 29.9 | 23.0 | 19.7 | 16.7 | 16.5 | 17.6 |
| 35° | 52.3 | 54.4 | 55.3 | 46.7 | 40.4 | 30.5 | 22.7 | 19.4 | 16.2 | 15.9 | 16.5 |
| 37.5° | 53.8 | 55.9 | 57.1 | 50.0 | 41.6 | 30.2 | 22.1 | 18.8 | 15.3 | 15.0 | 15.6 |
| 40° | 55.6 | 58.0 | 60.4 | 51.7 | 41.9 | 30.2 | 21.2 | 17.3 | 14.1 | 13.8 | 14.4 |
| 42.5° | 58.0 | 61.9 | 62.5 | 52.9 | 42.5 | 29.0 | 20.0 | 16.2 | 12.9 | 12.3 | 13.2 |
| 45° | 60.1 | 63.7 | 64.9 | 52.9 | 41.3 | 27.5 | 18.5 | 14.4 | 11.4 | 11.1 | 11.4 |
| 47.5° | 62.8 | 66.7 | 66.7 | 53.5 | 39.8 | 25.7 | 16.7 | 12.6 | 9.9 | 9.3 | 9.9 |
| 50° | 67.0 | 70.9 | 68.8 | 51.7 | 38.0 | 24.2 | 14.7 | 10.8 | 8.1 | 7.8 | 8.4 |
| 52.5° | 72.1 | 77.5 | 71.5 | 52.3 | 35.6 | 21.5 | 12.9 | 9.0 | 6.9 | 6.6 | 6.9 |
| 55° | 84.3 | 88.8 | 79.6 | 52.3 | 33.5 | 18.8 | 10.5 | 7.2 | 5.7 | 5.7 | 6.0 |
| 57.5° | 110.4 | 115.2 | 94.5 | 55.6 | 32.0 | 16.5 | 8.4 | 5.7 | 4.5 | 4.8 | 4.8 |
| 60° | 141.8 | 138.8 | 103.5 | 56.2 | 29.3 | 12.9 | 6.0 | 4.5 | 3.9 | 3.9 | 4.2 |
| 62.5° | 151.0 | 146.6 | 99.0 | 50.0 | 23.9 | 9.6 | 4.5 | 3.6 | 3.0 | 3.0 | 3.3 |
| 65° | 145.1 | 134.3 | 84.6 | 38.0 | 16.7 | 6.0 | 3.3 | 2.7 | 2.4 | 2.4 | 2.7 |
| 67.5° | 124.1 | 115.5 | 64.6 | 25.7 | 9.9 | 3.9 | 2.7 | 2.4 | 2.1 | 2.1 | 2.4 |
| 70° | 103.5 | 89.7 | 46.4 | 15.0 | 5.1 | 3.0 | 2.1 | 1.8 | 1.5 | 1.8 | 1.8 |
| 72.5° | 65.2 | 56.5 | 25.1 | 7.8 | 3.3 | 2.4 | 1.8 | 1.5 | 1.2 | 1.2 | 1.5 |
| 75° | 22.4 | 18.8 | 9.9 | 3.3 | 2.4 | 1.8 | 1.2 | 1.2 | 0.6 | 0.9 | 0.9 |
| 77.5° | 5.4 | 5.4 | 4.2 | 2.1 | 1.8 | 1.5 | 0.9 | 0.6 | 0.6 | 0.6 | 0.6 |
| 80° | 3.3 | 3.3 | 2.4 | 1.5 | 1.2 | 0.9 | 0.6 | 0.3 | 0.3 | 0.3 | 0.3 |
| 82.5° | 1.8 | 1.8 | 1.5 | 1.2 | 0.6 | 0.6 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.9 | 0.6 | 0.6 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 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° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P394795

CATALOG NUMBER: 303-P1-LEDB1-TSAM-UNV-T2-DIM10-EDGE

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-----|-----|------|------|------|------|------|------|------|------|------|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 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 |

(END OF REPORT)