

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: P400846

Luminaire Tested: **ENT-SA1-827-U-SLR-XXB**

Issue Date: 5/20/2020

Test Information

Test Method: LM-79-08
Report Number: P400846
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2004-754-9)
Test Lab: INNOVATION CENTER
Issue Date: 5/20/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ENT-SA1-827-U-SLR-XXB
Description: ENTRI LED LUMINAIRE
(1) 80 CRI, 2700K LIGHTSQUARE IN BATTERY OPERATION WITH 16 LEDS AND SPILL
LIGHT ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 502 lumens
Efficiency: N/A
Efficacy: 38.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B0 - U0 - G0

Input Watts (W): 13
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

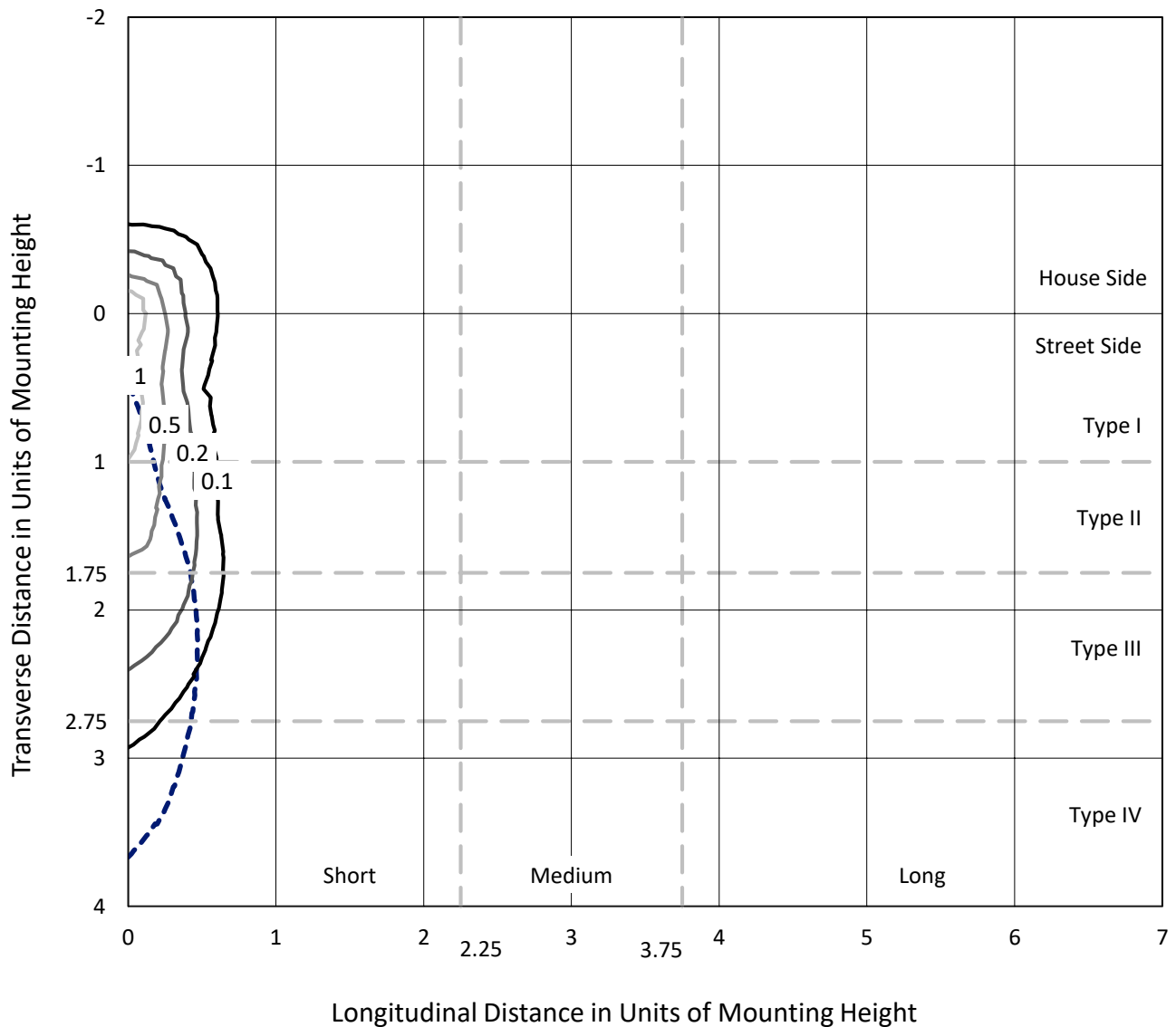


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

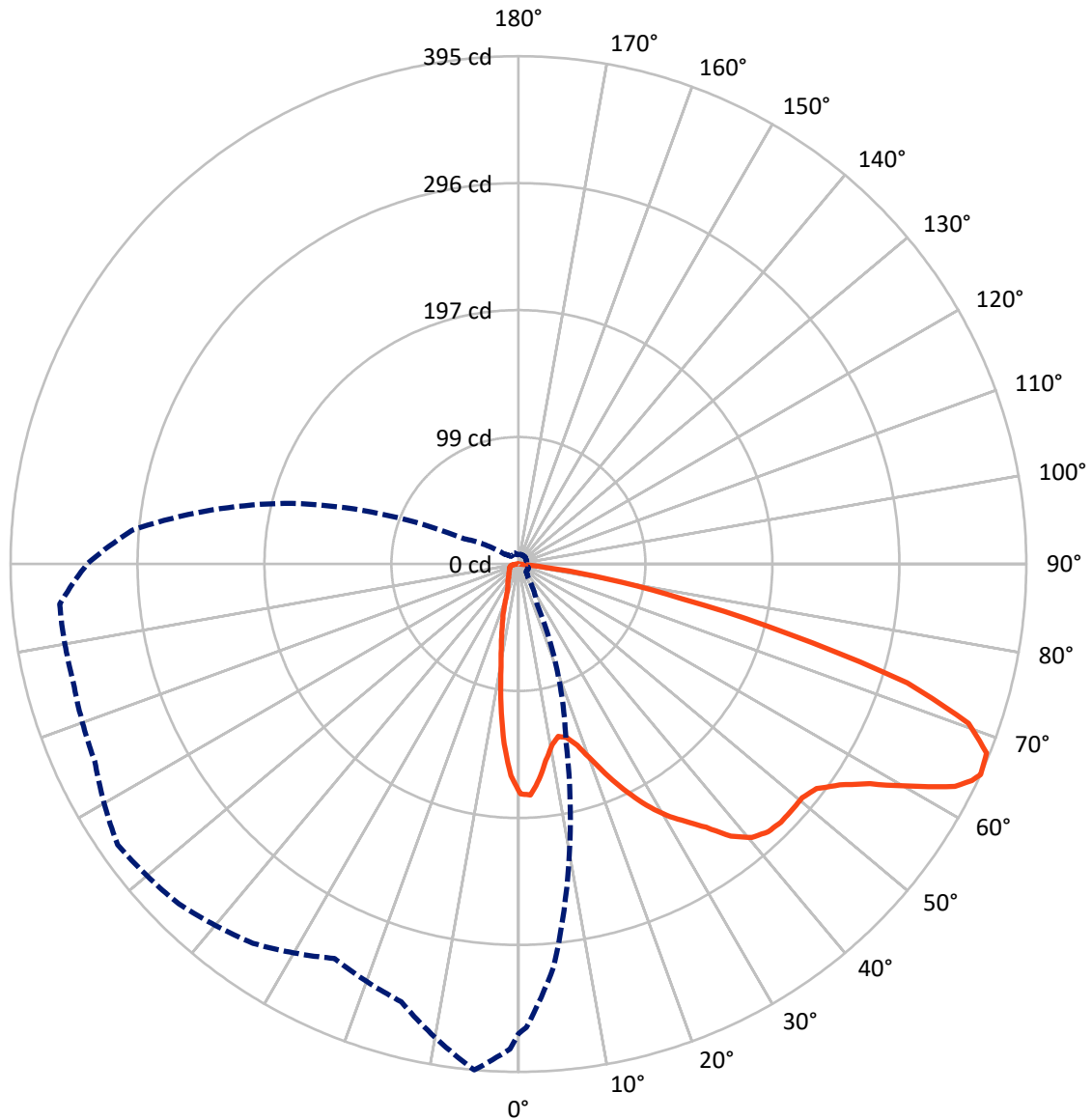


Based on 10 foot mounting height. Maximum calculated value = 1.8 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 355-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|-------|
| House Side | Lumens | 103.0 | 0.0 | 103.0 |
| | % Fixture | 20.5 | 0.0 | 20.5 |
| Street Side | Lumens | 399.0 | 0.0 | 399.0 |
| | % Fixture | 79.5 | 0.0 | 79.5 |
| Total | Lumens | 502.0 | 0.0 | 502.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 13.6 | 2.7 |
| 10°-20° | 27.1 | 5.4 |
| 20°-30° | 37.6 | 7.5 |
| 30°-40° | 52.6 | 10.5 |
| 40°-50° | 71.6 | 14.3 |
| 50°-60° | 97.9 | 19.5 |
| 60°-70° | 119.7 | 23.8 |
| 70°-80° | 72.3 | 14.4 |
| 80°-90° | 9.5 | 1.9 |
| 90°-100° | 0.0 | 0.0 |
| 100°-110° | 0.0 | 0.0 |
| 110°-120° | 0.0 | 0.0 |
| 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°-90° | 502.0 | 100.0 |
| 0°-180° | 502.0 | 100.0 |



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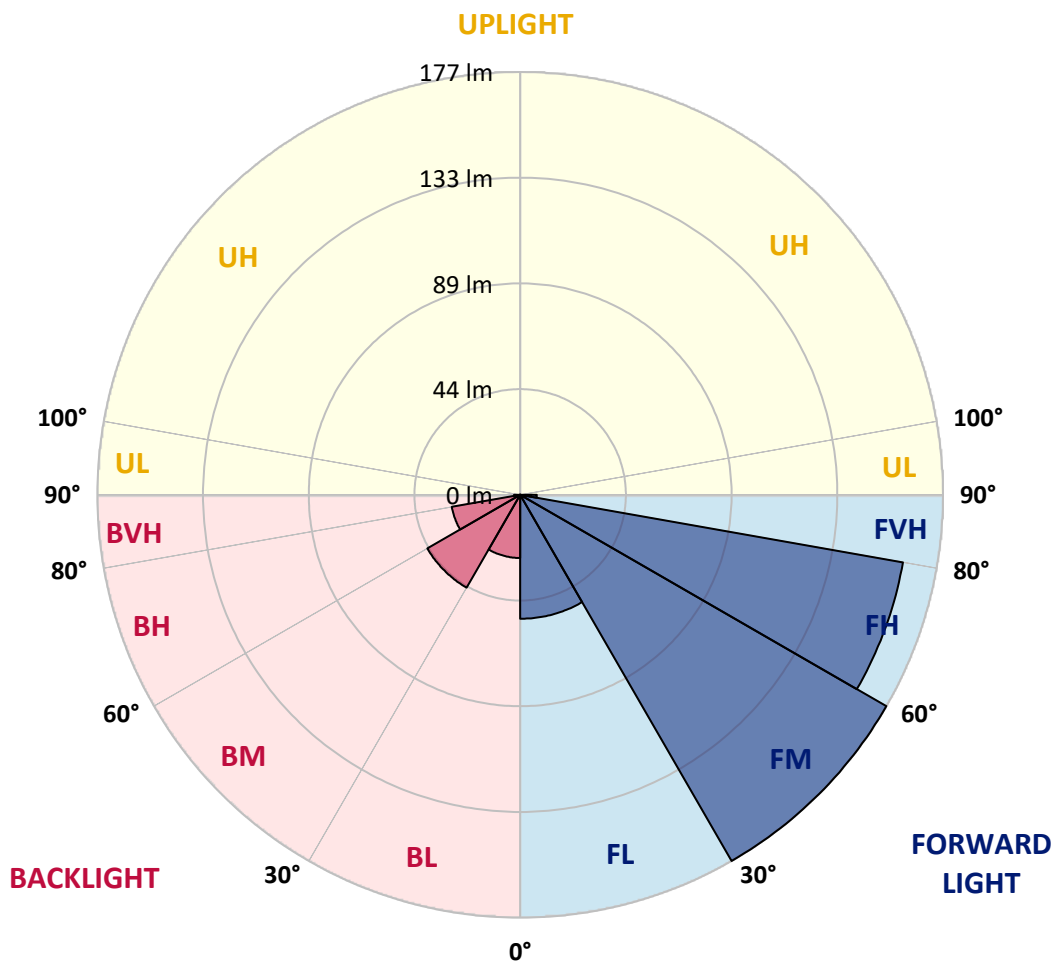
CATALOG NUMBER: ENT-SA1-827-U-SLR-XXB

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|--------|
| | | | | B | U | G |
| FL | (0°-30°) | 51.9 | 10.3 | | | |
| FM | (30°-60°) | 177.2 | 35.3 | | | |
| FH | (60°-80°) | 162.9 | 32.4 | | | G0/660 |
| FVH | (80°-90°) | 7.0 | 1.4 | | | G0/10 |
| BL | (0°-30°) | 26.5 | 5.3 | B0/110 | | |
| BM | (30°-60°) | 44.9 | 8.9 | B0/220 | | |
| BH | (60°-80°) | 29.1 | 5.8 | B0/110 | | G0/110 |
| BVH | (80°-90°) | 2.6 | 0.5 | | | G0/10 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B0-U0-G0

Type IV Short





REPORT NUMBER: P400846

CATALOG NUMBER: ENT-SA1-827-U-SLR-XXB

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 178.6 | 178.6 | 178.6 | 178.6 | 178.6 | 178.6 | 178.6 | 178.6 | 178.6 | 178.6 | 178.6 |
| 2.5° | 178.2 | 177.7 | 176.5 | 173.1 | 169.5 | 165.2 | 164.5 | 159.8 | 160.3 | 159.0 | 159.3 |
| 5° | 162.8 | 162.1 | 158.7 | 151.9 | 142.8 | 137.5 | 133.4 | 131.0 | 128.9 | 127.9 | 129.2 |
| 7.5° | 147.7 | 146.8 | 142.7 | 130.9 | 120.7 | 112.3 | 105.6 | 101.5 | 97.5 | 94.3 | 92.8 |
| 10° | 135.6 | 135.2 | 129.8 | 116.4 | 103.7 | 93.4 | 89.1 | 84.7 | 81.3 | 76.7 | 73.0 |
| 12.5° | 129.4 | 128.4 | 122.0 | 106.4 | 94.0 | 87.7 | 83.6 | 78.1 | 73.4 | 67.8 | 63.0 |
| 15° | 129.7 | 128.5 | 120.5 | 104.2 | 90.7 | 83.0 | 76.7 | 70.1 | 63.2 | 57.6 | 52.7 |
| 17.5° | 136.9 | 136.1 | 126.3 | 106.3 | 87.8 | 77.2 | 67.4 | 58.8 | 51.3 | 44.2 | 39.9 |
| 20° | 149.1 | 147.8 | 134.2 | 108.8 | 84.2 | 70.6 | 57.3 | 45.5 | 37.4 | 31.1 | 27.7 |
| 22.5° | 165.0 | 162.6 | 145.6 | 111.9 | 80.6 | 63.0 | 46.3 | 33.2 | 25.9 | 22.8 | 21.9 |
| 25° | 181.9 | 180.1 | 159.2 | 115.8 | 76.7 | 54.8 | 34.3 | 24.1 | 21.6 | 20.3 | 19.6 |
| 27.5° | 197.5 | 194.5 | 173.9 | 120.2 | 71.6 | 46.6 | 26.0 | 20.7 | 19.1 | 18.5 | 18.0 |
| 30° | 208.7 | 206.1 | 184.1 | 125.2 | 67.2 | 38.0 | 22.2 | 18.8 | 17.5 | 16.5 | 16.4 |
| 32.5° | 219.4 | 215.7 | 191.5 | 127.6 | 63.5 | 33.4 | 20.6 | 17.5 | 16.2 | 15.3 | 14.9 |
| 35° | 231.9 | 228.2 | 200.0 | 127.9 | 60.7 | 31.5 | 19.0 | 16.5 | 15.1 | 14.3 | 13.9 |
| 37.5° | 246.8 | 241.8 | 209.5 | 128.2 | 57.9 | 30.7 | 17.6 | 15.6 | 14.3 | 13.3 | 13.0 |
| 40° | 260.9 | 257.0 | 219.4 | 127.8 | 56.1 | 29.6 | 16.8 | 14.7 | 13.4 | 12.6 | 12.2 |
| 42.5° | 271.6 | 267.5 | 227.7 | 126.5 | 55.0 | 27.8 | 17.1 | 14.0 | 12.8 | 11.9 | 11.4 |
| 45° | 277.0 | 273.3 | 235.4 | 125.3 | 54.4 | 26.2 | 16.8 | 13.8 | 12.4 | 11.3 | 10.8 |
| 47.5° | 281.1 | 277.5 | 243.2 | 124.8 | 53.4 | 25.0 | 15.4 | 14.7 | 12.0 | 10.7 | 10.2 |
| 50° | 287.8 | 284.7 | 253.8 | 127.7 | 51.8 | 24.3 | 14.2 | 15.7 | 11.8 | 10.2 | 9.7 |
| 52.5° | 299.7 | 297.7 | 271.2 | 134.3 | 50.1 | 23.0 | 12.9 | 15.0 | 12.0 | 9.9 | 9.2 |
| 55° | 321.9 | 320.7 | 295.2 | 143.0 | 48.5 | 21.4 | 11.6 | 13.6 | 11.9 | 9.3 | 8.8 |
| 57.5° | 345.9 | 345.6 | 324.4 | 150.7 | 46.2 | 18.7 | 10.7 | 11.5 | 11.3 | 8.8 | 8.2 |
| 60° | 362.1 | 361.0 | 337.8 | 155.0 | 43.1 | 15.4 | 10.1 | 9.7 | 11.6 | 8.3 | 7.6 |
| 62.5° | 367.6 | 364.0 | 333.8 | 153.4 | 38.6 | 13.3 | 9.3 | 8.9 | 10.7 | 7.8 | 7.1 |
| 64° | 367.3 | 362.0 | 323.3 | 147.3 | 35.7 | 12.9 | 8.9 | 8.3 | 9.5 | 7.5 | 6.8 |
| 65° | 365.3 | 360.3 | 314.5 | 142.6 | 34.1 | 12.9 | 8.6 | 8.1 | 8.6 | 7.3 | 6.6 |
| 67.5° | 353.0 | 346.4 | 284.7 | 120.8 | 30.0 | 13.1 | 8.1 | 7.4 | 7.2 | 6.7 | 6.2 |
| 70° | 324.9 | 316.2 | 243.9 | 95.0 | 27.8 | 13.2 | 7.4 | 6.7 | 6.5 | 6.1 | 5.7 |
| 72.5° | 260.9 | 249.3 | 194.1 | 67.9 | 25.5 | 12.9 | 6.7 | 6.1 | 5.9 | 5.5 | 5.1 |
| 75° | 174.9 | 162.3 | 143.0 | 44.7 | 20.9 | 11.6 | 5.8 | 5.3 | 5.2 | 4.9 | 4.5 |
| 77.5° | 98.6 | 93.3 | 84.4 | 24.6 | 14.4 | 8.0 | 4.6 | 4.3 | 4.4 | 4.2 | 3.9 |
| 80° | 51.5 | 49.1 | 45.2 | 11.9 | 7.0 | 3.9 | 2.9 | 2.9 | 3.4 | 3.4 | 3.2 |
| 82.5° | 18.2 | 18.3 | 17.7 | 2.7 | 1.4 | 1.2 | 1.0 | 1.4 | 1.9 | 2.4 | 2.4 |
| 85° | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.3 | 0.6 |
| 87.5° | 0.0 | 0.0 | 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 |



REPORT NUMBER: P400846

CATALOG NUMBER: ENT-SA1-827-U-SLR-XXB

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 178.6 | 178.6 | 178.6 | 178.6 | 178.6 | 178.6 | 178.6 | 178.6 | 178.6 | 178.6 | 178.6 |
| 2.5° | 156.5 | 157.0 | 158.3 | 158.1 | 159.4 | 158.8 | 160.6 | 161.5 | 162.0 | 164.6 | 165.9 |
| 5° | 128.2 | 128.4 | 133.1 | 134.1 | 136.7 | 135.3 | 138.4 | 137.3 | 139.8 | 140.1 | 144.3 |
| 7.5° | 94.2 | 94.5 | 96.9 | 102.4 | 107.9 | 110.1 | 111.1 | 112.5 | 111.3 | 110.9 | 111.5 |
| 10° | 71.6 | 71.9 | 72.1 | 76.1 | 80.8 | 85.6 | 85.6 | 85.7 | 83.6 | 81.5 | 81.1 |
| 12.5° | 61.2 | 59.6 | 57.1 | 57.2 | 60.5 | 62.8 | 64.6 | 62.7 | 62.4 | 63.4 | 64.5 |
| 15° | 50.4 | 48.8 | 47.1 | 45.1 | 45.2 | 46.8 | 47.7 | 47.6 | 49.3 | 50.0 | 52.3 |
| 17.5° | 39.1 | 36.9 | 36.9 | 35.8 | 34.2 | 35.2 | 35.4 | 36.9 | 39.1 | 40.1 | 40.5 |
| 20° | 26.3 | 26.3 | 26.9 | 28.4 | 27.6 | 28.3 | 28.4 | 29.5 | 30.6 | 30.0 | 30.6 |
| 22.5° | 21.7 | 21.7 | 21.9 | 22.8 | 23.6 | 24.2 | 24.3 | 24.3 | 23.3 | 22.8 | 23.7 |
| 25° | 19.7 | 19.6 | 19.7 | 20.2 | 21.1 | 21.8 | 21.5 | 21.0 | 19.8 | 19.7 | 19.9 |
| 27.5° | 18.0 | 18.1 | 18.3 | 18.6 | 19.1 | 20.1 | 19.7 | 18.7 | 18.1 | 18.0 | 18.0 |
| 30° | 16.6 | 16.6 | 17.0 | 17.3 | 17.9 | 18.7 | 18.1 | 17.3 | 16.7 | 16.5 | 16.5 |
| 32.5° | 15.2 | 15.4 | 15.7 | 16.0 | 16.5 | 17.4 | 16.9 | 16.1 | 15.5 | 15.2 | 14.9 |
| 35° | 13.8 | 13.9 | 14.4 | 14.9 | 15.4 | 16.0 | 15.7 | 15.0 | 14.4 | 13.7 | 13.3 |
| 37.5° | 12.9 | 12.9 | 13.2 | 13.9 | 14.3 | 14.8 | 14.6 | 14.0 | 13.1 | 12.5 | 12.4 |
| 40° | 12.2 | 12.2 | 12.3 | 12.7 | 13.3 | 13.9 | 13.5 | 12.6 | 12.0 | 11.8 | 11.7 |
| 42.5° | 11.4 | 11.4 | 11.5 | 11.5 | 12.3 | 13.3 | 12.4 | 11.5 | 11.2 | 11.1 | 11.0 |
| 45° | 10.7 | 10.7 | 10.7 | 10.7 | 11.1 | 12.3 | 11.4 | 10.7 | 10.5 | 10.5 | 10.4 |
| 47.5° | 10.2 | 10.2 | 10.1 | 9.9 | 10.2 | 11.2 | 10.4 | 10.0 | 9.9 | 10.0 | 9.9 |
| 50° | 9.6 | 9.5 | 9.4 | 9.3 | 9.5 | 9.9 | 9.7 | 9.3 | 9.4 | 9.4 | 9.5 |
| 52.5° | 9.0 | 8.9 | 8.8 | 8.7 | 8.9 | 9.2 | 9.2 | 8.9 | 8.9 | 9.0 | 9.1 |
| 55° | 8.6 | 8.5 | 8.4 | 8.4 | 8.5 | 8.9 | 8.8 | 8.6 | 8.6 | 8.7 | 8.8 |
| 57.5° | 8.1 | 8.0 | 8.0 | 7.9 | 8.1 | 8.6 | 8.5 | 8.2 | 8.2 | 8.3 | 8.5 |
| 60° | 7.6 | 7.6 | 7.5 | 7.6 | 7.7 | 8.2 | 8.1 | 8.0 | 7.9 | 8.1 | 8.1 |
| 62.5° | 7.1 | 7.1 | 7.1 | 7.2 | 7.3 | 7.9 | 7.8 | 7.7 | 7.7 | 7.8 | 7.7 |
| 64° | 6.7 | 6.7 | 6.8 | 6.9 | 7.1 | 7.6 | 7.6 | 7.6 | 7.6 | 7.6 | 7.5 |
| 65° | 6.5 | 6.5 | 6.7 | 6.8 | 6.9 | 7.5 | 7.4 | 7.5 | 7.6 | 7.5 | 7.3 |
| 67.5° | 6.1 | 6.1 | 6.4 | 6.4 | 6.5 | 7.1 | 7.1 | 7.2 | 7.4 | 7.2 | 7.1 |
| 70° | 5.6 | 5.7 | 6.0 | 5.9 | 6.0 | 6.8 | 6.5 | 6.9 | 7.2 | 7.0 | 6.8 |
| 72.5° | 5.1 | 5.2 | 5.5 | 5.4 | 5.5 | 6.4 | 6.0 | 6.4 | 6.9 | 6.7 | 6.5 |
| 75° | 4.6 | 4.7 | 5.0 | 4.9 | 5.0 | 5.9 | 5.5 | 5.9 | 6.4 | 6.4 | 6.3 |
| 77.5° | 3.9 | 4.1 | 4.3 | 4.2 | 4.5 | 5.3 | 5.0 | 5.2 | 5.6 | 6.0 | 5.8 |
| 80° | 3.2 | 3.4 | 3.5 | 3.6 | 3.9 | 4.5 | 4.3 | 4.4 | 4.8 | 5.0 | 5.1 |
| 82.5° | 2.2 | 2.6 | 2.8 | 2.9 | 3.4 | 3.5 | 3.6 | 3.5 | 3.8 | 4.1 | 3.9 |
| 85° | 0.7 | 0.8 | 1.6 | 2.0 | 2.5 | 2.5 | 2.9 | 2.8 | 2.9 | 2.6 | 2.2 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.6 | 1.5 | 1.5 | 2.1 | 1.9 | 2.0 | 1.5 | 1.3 |
| 90° | 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: ENT-SA1-827-U-SLR-XXB

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 178.6 | 178.6 | 178.6 | 178.6 | 178.6 | 178.6 | 178.6 | 178.6 | 178.6 | 178.6 | 178.6 |
| 2.5° | 166.1 | 167.6 | 170.7 | 174.4 | 176.5 | 180.8 | 183.5 | 186.4 | 189.2 | 189.8 | 190.7 |
| 5° | 145.1 | 146.8 | 150.4 | 155.4 | 160.3 | 166.1 | 172.8 | 180.0 | 187.9 | 191.2 | 194.5 |
| 7.5° | 113.1 | 113.4 | 118.5 | 127.5 | 131.9 | 140.1 | 149.7 | 160.7 | 172.8 | 179.1 | 185.9 |
| 10° | 83.5 | 87.0 | 90.8 | 98.3 | 109.3 | 118.8 | 130.6 | 143.5 | 156.1 | 165.3 | 172.3 |
| 12.5° | 65.6 | 70.0 | 76.4 | 84.6 | 92.9 | 101.9 | 115.6 | 129.4 | 145.0 | 153.2 | 161.8 |
| 15° | 54.1 | 59.6 | 67.9 | 76.6 | 84.3 | 92.3 | 104.4 | 121.3 | 141.3 | 149.7 | 157.3 |
| 17.5° | 42.8 | 48.9 | 57.8 | 66.9 | 76.1 | 85.9 | 100.0 | 120.9 | 145.2 | 155.0 | 162.9 |
| 20° | 32.8 | 37.6 | 45.1 | 54.2 | 65.1 | 78.4 | 96.5 | 124.1 | 156.9 | 169.1 | 174.3 |
| 22.5° | 24.3 | 27.1 | 33.0 | 42.6 | 55.3 | 71.8 | 92.9 | 128.6 | 171.3 | 185.6 | 189.6 |
| 25° | 20.1 | 20.9 | 23.6 | 31.9 | 45.1 | 64.3 | 90.2 | 134.5 | 185.8 | 201.8 | 204.7 |
| 27.5° | 18.1 | 18.6 | 19.8 | 22.9 | 35.3 | 58.2 | 86.7 | 141.3 | 201.0 | 217.8 | 217.6 |
| 30° | 16.4 | 16.5 | 17.2 | 19.4 | 28.6 | 52.7 | 82.6 | 148.8 | 214.5 | 229.3 | 228.6 |
| 32.5° | 14.8 | 14.8 | 15.8 | 17.5 | 24.4 | 47.8 | 77.7 | 154.3 | 226.2 | 238.7 | 236.3 |
| 35° | 13.3 | 13.6 | 14.5 | 16.2 | 21.7 | 42.2 | 73.0 | 156.3 | 236.3 | 250.1 | 243.2 |
| 37.5° | 12.3 | 12.7 | 13.6 | 15.2 | 19.3 | 38.1 | 69.3 | 158.7 | 248.7 | 263.8 | 250.9 |
| 40° | 11.7 | 11.9 | 12.8 | 14.1 | 17.5 | 34.7 | 65.1 | 160.3 | 261.1 | 278.4 | 259.1 |
| 42.5° | 11.0 | 11.2 | 12.1 | 13.3 | 16.6 | 30.6 | 61.2 | 161.2 | 273.9 | 291.0 | 265.9 |
| 45° | 10.4 | 10.7 | 11.6 | 12.8 | 16.7 | 27.0 | 57.9 | 160.8 | 281.6 | 300.2 | 271.1 |
| 47.5° | 10.0 | 10.3 | 11.2 | 12.8 | 16.2 | 24.9 | 55.2 | 159.7 | 287.3 | 306.2 | 273.6 |
| 50° | 9.6 | 9.9 | 11.0 | 14.1 | 15.4 | 24.3 | 53.1 | 159.5 | 293.3 | 307.3 | 273.6 |
| 52.5° | 9.2 | 9.7 | 11.1 | 14.2 | 14.1 | 24.1 | 51.4 | 163.9 | 301.5 | 309.3 | 276.0 |
| 55° | 8.9 | 9.4 | 11.4 | 13.1 | 12.3 | 23.3 | 50.4 | 170.1 | 315.4 | 320.4 | 288.3 |
| 57.5° | 8.6 | 9.0 | 11.2 | 12.3 | 11.0 | 21.3 | 49.5 | 176.0 | 333.6 | 341.0 | 312.7 |
| 60° | 8.1 | 8.6 | 10.9 | 10.5 | 10.0 | 18.1 | 49.0 | 180.8 | 340.4 | 354.3 | 339.0 |
| 62.5° | 7.7 | 8.3 | 11.9 | 9.2 | 9.2 | 15.1 | 48.1 | 185.5 | 326.0 | 351.1 | 355.8 |
| 64° | 7.5 | 8.1 | 11.1 | 8.6 | 8.8 | 13.8 | 47.2 | 185.8 | 313.4 | 343.5 | 359.0 |
| 65° | 7.3 | 7.8 | 10.3 | 8.2 | 8.5 | 13.4 | 46.3 | 182.2 | 301.5 | 335.4 | 358.1 |
| 67.5° | 7.1 | 7.4 | 8.0 | 7.6 | 7.9 | 12.8 | 40.6 | 166.7 | 276.1 | 314.7 | 343.8 |
| 70° | 6.7 | 7.0 | 7.1 | 7.0 | 7.4 | 12.4 | 34.3 | 144.6 | 248.4 | 293.0 | 321.4 |
| 72.5° | 6.4 | 6.4 | 6.4 | 6.3 | 6.8 | 11.8 | 30.9 | 116.9 | 214.7 | 264.4 | 293.6 |
| 75° | 6.1 | 5.9 | 5.8 | 5.6 | 6.2 | 11.5 | 27.9 | 87.7 | 165.9 | 220.3 | 246.0 |
| 77.5° | 5.6 | 5.4 | 5.1 | 5.0 | 5.5 | 10.2 | 23.3 | 62.0 | 122.3 | 160.3 | 189.9 |
| 80° | 4.9 | 4.7 | 4.4 | 4.1 | 4.6 | 8.1 | 17.6 | 38.3 | 89.5 | 108.2 | 124.6 |
| 82.5° | 3.9 | 3.9 | 3.5 | 3.2 | 3.4 | 5.8 | 12.0 | 19.5 | 59.7 | 58.8 | 69.6 |
| 85° | 2.4 | 3.0 | 2.6 | 2.1 | 2.3 | 3.4 | 4.9 | 6.2 | 18.3 | 11.0 | 17.0 |
| 87.5° | 1.4 | 1.9 | 1.6 | 1.1 | 0.8 | 1.5 | 1.3 | 1.3 | 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 |



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CATALOG NUMBER: ENT-SA1-827-U-SLR-XXB

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 178.6 | 178.6 | 178.6 | 178.6 | 178.6 | 178.6 | 178.6 | 178.6 | 178.6 | 178.6 |
| 2.5° | 192.9 | 194.0 | 194.6 | 192.4 | 190.1 | 188.0 | 183.9 | 179.9 | 177.8 | 178.2 |
| 5° | 200.8 | 202.6 | 203.1 | 200.0 | 193.3 | 186.5 | 176.7 | 168.2 | 163.1 | 162.8 |
| 7.5° | 197.8 | 203.8 | 204.8 | 201.4 | 191.9 | 179.2 | 165.9 | 154.0 | 148.9 | 147.7 |
| 10° | 187.0 | 196.3 | 199.3 | 198.1 | 188.9 | 174.4 | 158.2 | 143.1 | 138.0 | 135.6 |
| 12.5° | 176.0 | 185.7 | 187.5 | 188.7 | 183.1 | 170.8 | 153.0 | 137.6 | 131.5 | 129.4 |
| 15° | 168.8 | 175.4 | 176.0 | 177.0 | 175.9 | 169.2 | 155.4 | 139.9 | 132.5 | 129.7 |
| 17.5° | 167.8 | 165.5 | 163.9 | 166.1 | 167.6 | 169.2 | 161.5 | 148.3 | 140.4 | 136.9 |
| 20° | 168.0 | 160.7 | 156.1 | 156.0 | 162.1 | 171.4 | 173.9 | 162.6 | 152.4 | 149.1 |
| 22.5° | 174.1 | 158.2 | 150.6 | 149.7 | 157.1 | 175.1 | 186.6 | 179.6 | 169.3 | 165.0 |
| 25° | 183.3 | 156.6 | 146.7 | 146.9 | 154.4 | 177.5 | 197.4 | 196.5 | 187.5 | 181.9 |
| 27.5° | 192.1 | 159.2 | 146.2 | 146.8 | 155.3 | 179.1 | 206.4 | 212.5 | 202.4 | 197.5 |
| 30° | 199.1 | 164.8 | 147.7 | 148.2 | 158.2 | 181.3 | 210.9 | 226.7 | 214.5 | 208.7 |
| 32.5° | 205.2 | 170.1 | 149.9 | 150.3 | 162.7 | 184.4 | 215.1 | 238.6 | 226.2 | 219.4 |
| 35° | 210.8 | 174.6 | 153.4 | 154.8 | 168.5 | 188.9 | 219.4 | 251.5 | 240.6 | 231.9 |
| 37.5° | 215.7 | 180.1 | 160.2 | 162.5 | 177.0 | 195.3 | 224.9 | 268.5 | 256.6 | 246.8 |
| 40° | 218.4 | 185.1 | 170.2 | 173.8 | 188.0 | 203.7 | 231.9 | 279.6 | 272.0 | 260.9 |
| 42.5° | 220.5 | 191.9 | 186.4 | 192.8 | 205.0 | 211.6 | 235.3 | 284.6 | 281.1 | 271.6 |
| 45° | 221.6 | 205.3 | 210.8 | 216.7 | 224.2 | 220.3 | 233.5 | 286.3 | 285.2 | 277.0 |
| 47.5° | 226.6 | 225.6 | 239.0 | 247.2 | 246.8 | 233.3 | 229.9 | 286.1 | 287.9 | 281.1 |
| 50° | 236.6 | 249.2 | 268.0 | 276.0 | 272.9 | 245.5 | 229.3 | 285.8 | 293.2 | 287.8 |
| 52.5° | 248.6 | 272.7 | 299.3 | 302.6 | 296.1 | 257.8 | 234.3 | 290.2 | 303.3 | 299.7 |
| 55° | 264.4 | 294.9 | 323.9 | 325.0 | 315.7 | 269.8 | 245.0 | 303.0 | 322.1 | 321.9 |
| 57.5° | 286.4 | 314.8 | 344.5 | 343.2 | 330.2 | 286.4 | 262.3 | 322.3 | 343.0 | 345.9 |
| 60° | 310.3 | 335.8 | 361.2 | 360.5 | 346.6 | 305.6 | 286.1 | 350.7 | 361.3 | 362.1 |
| 62.5° | 333.3 | 355.3 | 377.3 | 373.7 | 358.1 | 325.4 | 319.0 | 380.9 | 373.2 | 367.6 |
| 64° | 348.2 | 361.8 | 381.5 | 375.7 | 360.9 | 334.9 | 338.0 | 390.8 | 376.6 | 367.3 |
| 65° | 358.1 | 363.4 | 380.5 | 373.6 | 360.0 | 338.4 | 352.3 | 394.9 | 377.2 | 365.3 |
| 67.5° | 375.9 | 354.3 | 355.5 | 350.1 | 337.8 | 335.1 | 375.8 | 392.6 | 370.7 | 353.0 |
| 70° | 371.0 | 317.4 | 300.1 | 296.7 | 282.0 | 297.1 | 372.9 | 371.3 | 346.4 | 324.9 |
| 72.5° | 328.6 | 254.9 | 230.0 | 226.9 | 206.5 | 225.1 | 321.8 | 316.2 | 278.8 | 260.9 |
| 75° | 270.8 | 193.2 | 164.3 | 166.9 | 151.4 | 168.6 | 256.0 | 216.7 | 185.6 | 174.9 |
| 77.5° | 210.2 | 136.5 | 113.5 | 110.4 | 107.3 | 109.1 | 176.0 | 130.1 | 108.5 | 98.6 |
| 80° | 134.0 | 85.8 | 85.1 | 77.8 | 75.3 | 63.5 | 90.4 | 69.3 | 54.5 | 51.5 |
| 82.5° | 71.2 | 49.4 | 56.2 | 45.0 | 36.2 | 26.0 | 30.6 | 20.6 | 17.4 | 18.2 |
| 85° | 19.5 | 10.2 | 2.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)