

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: P400844

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

Issue Date: 5/20/2020

Test Information

Test Method: LM-79-08
Report Number: P400844
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2004-754-7)
Test Lab: INNOVATION CENTER
Issue Date: 5/20/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ENT-SA1-827-U-SLL-XXB
Description: ENTRI LED LUMINAIRE
(1) 80 CRI, 2700K LIGHTSQUARE IN BATTERY OPERATION WITH 16 LEDS AND SPILL
LIGHT ELIMINATOR LEFT 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 III - Medium - 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

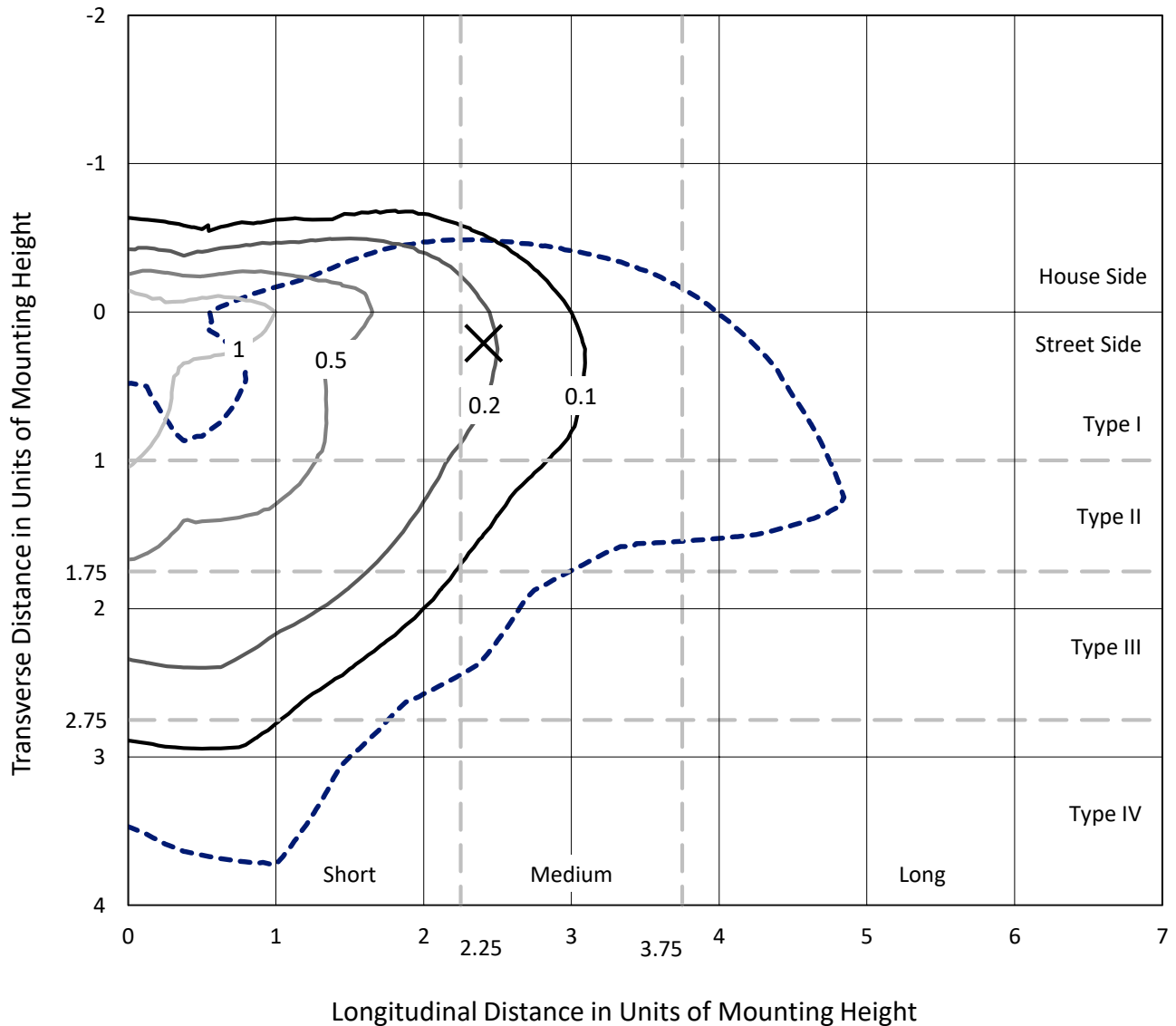


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

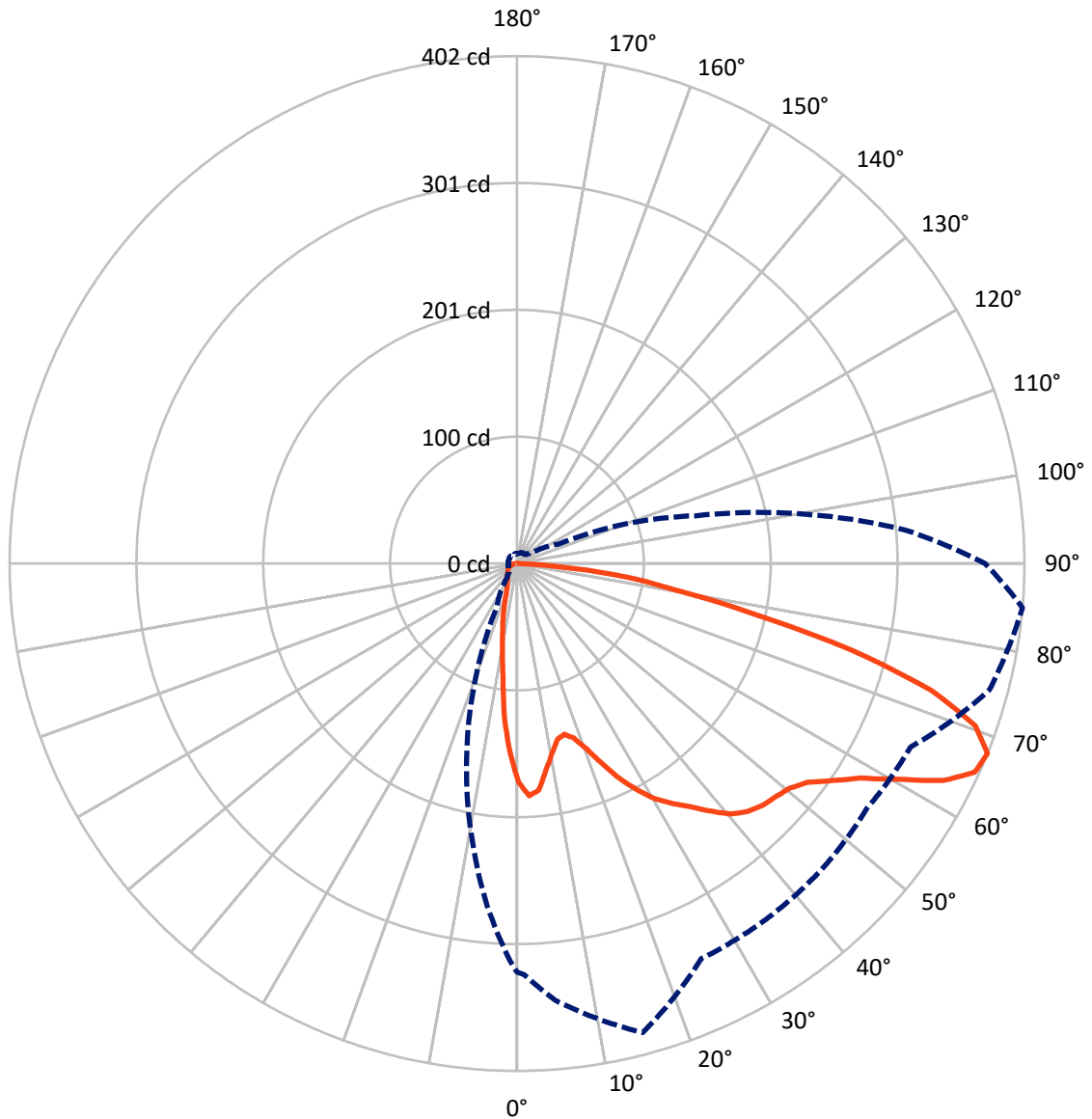


Based on 10 foot mounting height. Maximum calculated value = 1.9 fc
 Type III - Medium - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 85-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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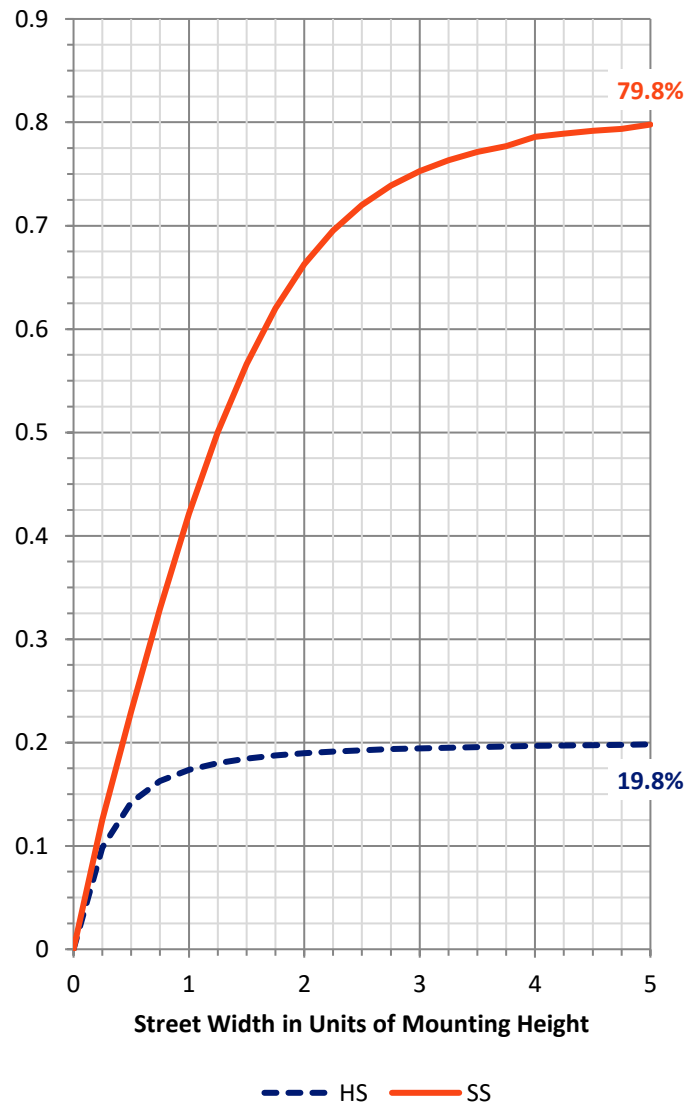
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|-------|
| House Side | Lumens | 101.1 | 0.0 | 101.1 |
| | % Fixture | 20.1 | 0.0 | 20.1 |
| Street Side | Lumens | 400.9 | 0.0 | 400.9 |
| | % Fixture | 79.9 | 0.0 | 79.9 |
| 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° | 13.2 | 2.6 |
| 10°-20° | 26.0 | 5.2 |
| 20°-30° | 36.3 | 7.2 |
| 30°-40° | 51.2 | 10.2 |
| 40°-50° | 71.0 | 14.1 |
| 50°-60° | 99.7 | 19.9 |
| 60°-70° | 121.9 | 24.3 |
| 70°-80° | 71.7 | 14.3 |
| 80°-90° | 11.0 | 2.2 |
| 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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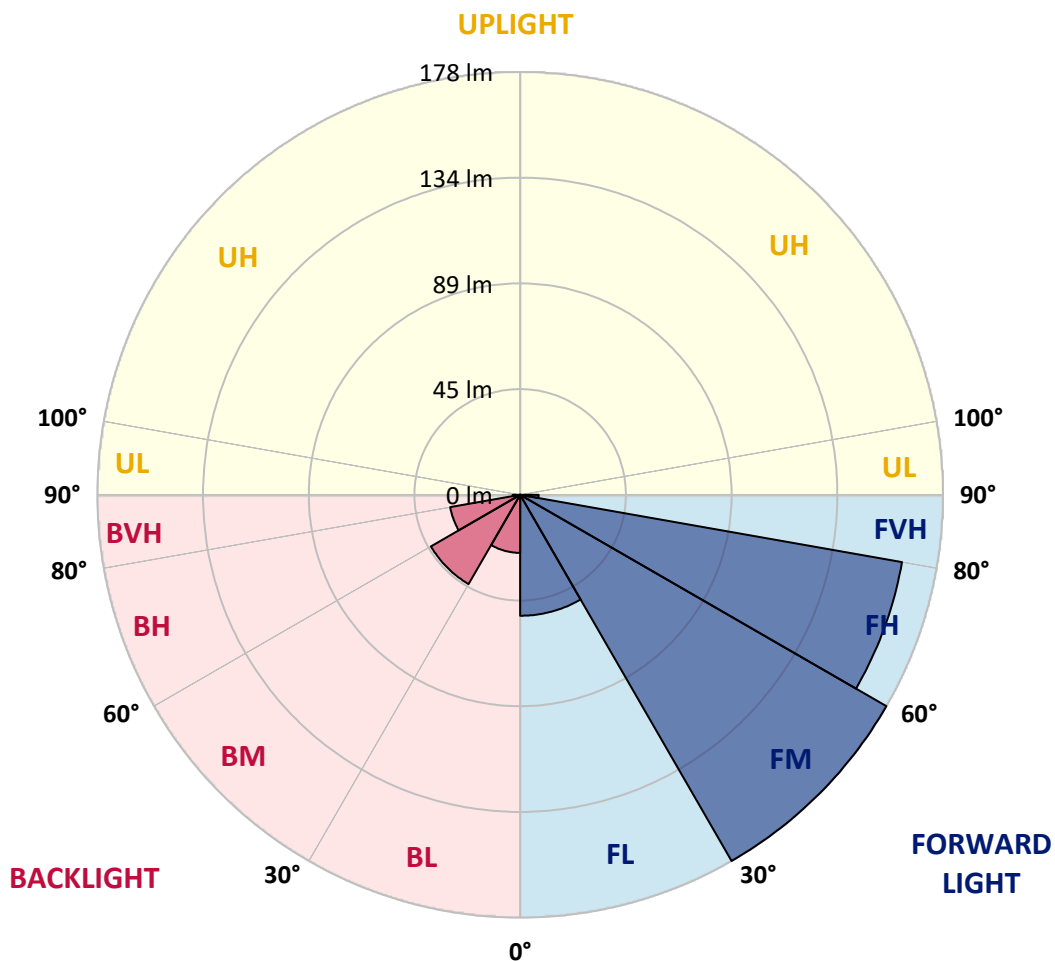
CATALOG NUMBER: ENT-SA1-827-U-SLL-XXB

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|--------|
| | | | | B | U | G |
| FL | (0°-30°) | 51.0 | 10.2 | | | |
| FM | (30°-60°) | 178.4 | 35.5 | | | |
| FH | (60°-80°) | 163.6 | 32.6 | | | G0/660 |
| FVH | (80°-90°) | 7.8 | 1.5 | | | G0/10 |
| BL | (0°-30°) | 24.5 | 4.9 | B0/110 | | |
| BM | (30°-60°) | 43.5 | 8.7 | B0/220 | | |
| BH | (60°-80°) | 30.0 | 6.0 | B0/110 | | G0/110 |
| BVH | (80°-90°) | 3.2 | 0.6 | | | 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 III Medium





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CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 173.4 | 173.4 | 173.4 | 173.4 | 173.4 | 173.4 | 173.4 | 173.4 | 173.4 | 173.4 | 173.4 |
| 2.5° | 178.2 | 177.4 | 180.1 | 184.2 | 186.9 | 188.8 | 189.5 | 189.4 | 188.8 | 187.3 | 184.1 |
| 5° | 170.3 | 169.6 | 175.1 | 184.1 | 191.9 | 197.6 | 199.2 | 196.9 | 194.1 | 188.1 | 180.2 |
| 7.5° | 155.3 | 156.4 | 163.5 | 176.1 | 188.7 | 197.6 | 199.8 | 196.3 | 190.5 | 178.3 | 165.0 |
| 10° | 143.9 | 144.5 | 152.4 | 167.6 | 181.0 | 190.2 | 194.0 | 190.9 | 183.3 | 167.9 | 152.4 |
| 12.5° | 136.9 | 137.4 | 145.2 | 159.2 | 173.5 | 180.7 | 181.8 | 181.7 | 175.4 | 160.5 | 142.7 |
| 15° | 137.8 | 138.6 | 146.3 | 157.9 | 166.0 | 169.2 | 169.2 | 170.1 | 168.3 | 156.9 | 140.3 |
| 17.5° | 147.2 | 147.2 | 154.6 | 161.6 | 159.8 | 157.5 | 159.2 | 160.8 | 164.1 | 159.1 | 145.1 |
| 20° | 162.0 | 162.6 | 169.5 | 168.3 | 157.0 | 151.3 | 149.3 | 152.1 | 162.1 | 165.6 | 156.3 |
| 22.5° | 178.0 | 179.6 | 186.8 | 178.0 | 156.5 | 145.5 | 143.2 | 146.3 | 162.4 | 175.9 | 171.7 |
| 25° | 195.6 | 197.7 | 202.6 | 189.2 | 157.9 | 142.3 | 140.7 | 143.7 | 163.0 | 185.5 | 188.4 |
| 27.5° | 211.8 | 211.9 | 216.7 | 198.8 | 161.7 | 142.6 | 140.0 | 143.8 | 164.8 | 193.0 | 203.0 |
| 30° | 223.2 | 223.2 | 225.3 | 203.6 | 166.4 | 144.6 | 140.7 | 146.2 | 167.3 | 197.1 | 216.4 |
| 32.5° | 233.7 | 234.3 | 233.2 | 208.7 | 170.8 | 147.5 | 142.2 | 151.1 | 171.3 | 200.5 | 226.6 |
| 35° | 247.0 | 247.0 | 242.3 | 212.7 | 175.0 | 150.7 | 146.0 | 157.2 | 177.0 | 205.5 | 236.4 |
| 37.5° | 263.5 | 262.7 | 252.8 | 216.4 | 180.0 | 156.1 | 153.2 | 165.6 | 184.6 | 211.4 | 248.7 |
| 40° | 278.4 | 277.1 | 262.4 | 219.8 | 183.9 | 166.6 | 164.9 | 176.0 | 194.3 | 218.7 | 260.8 |
| 42.5° | 290.0 | 288.1 | 270.5 | 222.2 | 189.9 | 183.0 | 184.5 | 194.7 | 204.1 | 225.2 | 268.3 |
| 45° | 299.8 | 297.8 | 276.7 | 223.4 | 204.3 | 206.5 | 209.3 | 217.9 | 214.5 | 227.0 | 272.9 |
| 47.5° | 306.8 | 303.5 | 279.3 | 226.9 | 223.9 | 234.0 | 242.7 | 243.2 | 229.2 | 226.9 | 275.7 |
| 50° | 311.0 | 307.3 | 281.8 | 235.7 | 246.5 | 265.1 | 274.4 | 270.0 | 244.5 | 228.4 | 279.7 |
| 52.5° | 319.3 | 315.5 | 292.2 | 250.0 | 269.8 | 296.7 | 301.7 | 294.6 | 260.3 | 235.9 | 287.8 |
| 55° | 340.2 | 338.5 | 312.4 | 269.2 | 292.6 | 322.2 | 324.4 | 317.4 | 276.8 | 248.9 | 303.2 |
| 57.5° | 363.8 | 360.1 | 339.7 | 293.4 | 314.5 | 342.1 | 345.7 | 336.0 | 294.2 | 267.1 | 320.4 |
| 60° | 370.4 | 369.7 | 362.8 | 321.5 | 337.1 | 363.4 | 363.6 | 351.3 | 314.4 | 288.8 | 346.6 |
| 62.5° | 360.7 | 363.1 | 372.4 | 347.6 | 356.1 | 377.7 | 375.7 | 362.8 | 335.6 | 323.4 | 378.5 |
| 65° | 343.9 | 347.2 | 365.8 | 372.2 | 360.4 | 374.9 | 370.6 | 362.4 | 349.0 | 360.6 | 398.3 |
| 67.5° | 323.6 | 325.4 | 347.1 | 384.5 | 345.2 | 343.8 | 341.8 | 338.1 | 343.7 | 387.1 | 401.7 |
| 70° | 302.6 | 304.1 | 324.1 | 367.6 | 299.4 | 283.7 | 282.0 | 278.7 | 300.8 | 386.7 | 385.0 |
| 72.5° | 255.0 | 254.1 | 272.5 | 306.8 | 228.6 | 207.2 | 221.6 | 214.6 | 243.3 | 347.4 | 343.0 |
| 75° | 158.4 | 163.7 | 186.9 | 215.2 | 156.6 | 142.0 | 161.8 | 160.0 | 197.6 | 299.2 | 273.1 |
| 77.5° | 96.5 | 97.6 | 110.6 | 134.1 | 94.3 | 98.4 | 104.0 | 115.0 | 146.5 | 242.5 | 190.4 |
| 80° | 50.5 | 47.0 | 56.6 | 73.6 | 56.0 | 66.0 | 76.3 | 88.4 | 93.0 | 158.1 | 127.3 |
| 82.5° | 14.6 | 14.5 | 19.1 | 30.8 | 26.6 | 32.4 | 38.5 | 55.5 | 60.9 | 94.0 | 87.2 |
| 85° | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.4 | 1.7 | 14.3 | 18.9 | 43.6 | 35.8 |
| 87.5° | 0.0 | 0.0 | 0.1 | 0.2 | 0.2 | 0.3 | 0.5 | 0.6 | 0.8 | 1.0 | 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 |



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

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 173.4 | 173.4 | 173.4 | 173.4 | 173.4 | 173.4 | 173.4 | 173.4 | 173.4 | 173.4 | 173.4 |
| 2.5° | 183.0 | 181.8 | 179.2 | 175.8 | 173.4 | 169.2 | 168.3 | 165.6 | 162.9 | 160.8 | 160.8 |
| 5° | 176.4 | 172.3 | 166.0 | 158.7 | 151.8 | 145.6 | 144.4 | 140.7 | 139.7 | 138.6 | 135.7 |
| 7.5° | 159.1 | 154.2 | 145.4 | 134.7 | 126.0 | 120.1 | 113.8 | 110.0 | 106.6 | 102.7 | 103.7 |
| 10° | 145.8 | 138.8 | 126.7 | 114.1 | 103.2 | 95.3 | 88.4 | 84.8 | 79.9 | 76.3 | 75.9 |
| 12.5° | 135.5 | 128.0 | 113.5 | 98.7 | 88.5 | 83.9 | 79.4 | 73.8 | 68.4 | 63.7 | 61.3 |
| 15° | 132.1 | 123.6 | 106.8 | 92.1 | 84.0 | 78.4 | 72.2 | 65.9 | 59.2 | 54.2 | 52.2 |
| 17.5° | 136.1 | 126.1 | 106.7 | 89.3 | 79.2 | 71.0 | 63.3 | 56.1 | 48.2 | 43.2 | 41.6 |
| 20° | 147.0 | 134.5 | 108.9 | 86.6 | 73.3 | 62.2 | 51.3 | 43.6 | 35.5 | 32.0 | 30.3 |
| 22.5° | 162.1 | 145.8 | 112.4 | 83.4 | 66.7 | 51.5 | 39.2 | 29.5 | 25.5 | 23.7 | 23.3 |
| 25° | 177.7 | 160.3 | 117.3 | 80.6 | 59.6 | 41.0 | 28.2 | 23.6 | 21.7 | 20.9 | 20.9 |
| 27.5° | 194.8 | 174.7 | 122.7 | 77.3 | 52.1 | 30.5 | 22.9 | 20.7 | 19.8 | 19.3 | 19.2 |
| 30° | 208.7 | 186.5 | 128.7 | 73.4 | 45.4 | 25.0 | 20.3 | 18.9 | 18.0 | 17.8 | 17.8 |
| 32.5° | 218.7 | 195.3 | 135.1 | 69.6 | 39.3 | 22.6 | 18.9 | 17.6 | 16.6 | 16.5 | 16.5 |
| 35° | 230.4 | 203.7 | 138.0 | 67.4 | 35.6 | 21.1 | 17.8 | 16.5 | 15.7 | 15.3 | 15.3 |
| 37.5° | 244.5 | 213.7 | 139.6 | 65.3 | 34.0 | 19.6 | 17.1 | 15.7 | 14.8 | 14.3 | 14.3 |
| 40° | 262.3 | 225.1 | 141.3 | 63.2 | 33.0 | 18.4 | 16.3 | 14.8 | 14.1 | 13.6 | 13.6 |
| 42.5° | 275.0 | 235.6 | 142.6 | 61.4 | 31.3 | 17.8 | 15.7 | 14.3 | 13.4 | 12.9 | 12.8 |
| 45° | 281.7 | 245.3 | 143.2 | 60.4 | 29.4 | 18.3 | 15.2 | 13.8 | 12.8 | 12.3 | 12.2 |
| 47.5° | 286.3 | 253.4 | 143.9 | 59.6 | 27.8 | 17.4 | 15.1 | 13.3 | 12.3 | 11.6 | 11.6 |
| 50° | 293.4 | 264.1 | 145.8 | 58.0 | 27.0 | 16.3 | 16.3 | 13.1 | 11.7 | 11.1 | 11.1 |
| 52.5° | 306.3 | 279.3 | 150.8 | 56.3 | 26.0 | 15.2 | 16.8 | 13.2 | 11.3 | 10.7 | 10.5 |
| 55° | 325.6 | 303.6 | 159.1 | 53.9 | 24.6 | 13.8 | 15.7 | 13.2 | 10.9 | 10.3 | 10.1 |
| 57.5° | 350.8 | 333.0 | 168.8 | 52.0 | 22.3 | 12.7 | 14.3 | 12.8 | 10.4 | 9.9 | 9.8 |
| 60° | 367.8 | 352.6 | 174.9 | 49.5 | 19.0 | 11.9 | 12.3 | 12.4 | 9.9 | 9.4 | 9.3 |
| 62.5° | 376.9 | 352.9 | 175.0 | 46.0 | 15.9 | 11.3 | 11.0 | 12.7 | 9.5 | 8.8 | 8.7 |
| 65° | 377.5 | 335.7 | 166.2 | 41.6 | 14.8 | 10.6 | 10.1 | 11.2 | 9.1 | 8.4 | 8.3 |
| 67.5° | 370.5 | 307.7 | 146.1 | 36.5 | 15.3 | 10.0 | 9.4 | 9.4 | 8.6 | 8.0 | 7.9 |
| 70° | 345.3 | 271.5 | 117.2 | 32.4 | 15.3 | 9.3 | 8.8 | 8.6 | 8.2 | 7.6 | 7.4 |
| 72.5° | 298.0 | 226.9 | 88.8 | 31.2 | 15.6 | 8.7 | 8.2 | 7.9 | 7.6 | 7.1 | 6.9 |
| 75° | 224.8 | 177.0 | 66.7 | 29.1 | 15.7 | 8.1 | 7.4 | 7.3 | 6.9 | 6.5 | 6.4 |
| 77.5° | 155.4 | 131.2 | 46.3 | 24.5 | 14.0 | 7.3 | 6.7 | 6.5 | 6.3 | 5.8 | 5.7 |
| 80° | 104.9 | 90.0 | 28.4 | 18.4 | 10.7 | 6.5 | 5.8 | 5.8 | 5.6 | 5.1 | 5.1 |
| 82.5° | 73.0 | 67.2 | 16.4 | 12.0 | 7.7 | 5.3 | 5.1 | 5.1 | 4.8 | 4.4 | 4.3 |
| 85° | 30.5 | 40.7 | 7.3 | 6.5 | 5.4 | 4.2 | 4.2 | 4.3 | 4.0 | 3.6 | 3.6 |
| 87.5° | 1.0 | 4.4 | 2.9 | 3.1 | 3.2 | 2.9 | 3.2 | 3.2 | 3.1 | 2.8 | 2.7 |
| 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-SLL-XXB

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 173.4 | 173.4 | 173.4 | 173.4 | 173.4 | 173.4 | 173.4 | 173.4 | 173.4 | 173.4 | 173.4 |
| 2.5° | 158.5 | 157.5 | 154.2 | 153.8 | 151.4 | 151.2 | 152.3 | 150.5 | 150.7 | 152.9 | 152.5 |
| 5° | 136.4 | 134.0 | 133.9 | 131.2 | 128.2 | 127.5 | 124.9 | 124.0 | 123.6 | 122.7 | 125.9 |
| 7.5° | 106.7 | 105.6 | 106.5 | 106.2 | 103.5 | 101.9 | 96.4 | 92.2 | 90.1 | 91.0 | 91.3 |
| 10° | 75.9 | 77.6 | 80.1 | 82.6 | 80.7 | 75.6 | 73.3 | 69.9 | 69.5 | 69.2 | 70.9 |
| 12.5° | 60.1 | 58.2 | 59.4 | 60.3 | 58.4 | 56.3 | 55.3 | 53.8 | 54.6 | 56.5 | 57.5 |
| 15° | 50.0 | 46.6 | 45.0 | 44.0 | 44.5 | 43.2 | 43.7 | 43.2 | 43.7 | 44.3 | 46.2 |
| 17.5° | 39.5 | 38.3 | 35.3 | 34.0 | 34.1 | 33.5 | 33.7 | 33.6 | 33.2 | 34.5 | 36.1 |
| 20° | 29.7 | 29.4 | 28.7 | 27.8 | 27.9 | 27.5 | 27.3 | 25.9 | 25.3 | 25.7 | 27.0 |
| 22.5° | 23.2 | 23.6 | 24.0 | 23.9 | 24.3 | 23.2 | 22.3 | 21.1 | 20.9 | 21.0 | 21.3 |
| 25° | 20.7 | 20.9 | 21.2 | 21.6 | 21.9 | 20.9 | 19.5 | 18.8 | 18.7 | 18.9 | 18.9 |
| 27.5° | 19.3 | 19.1 | 19.5 | 20.0 | 20.3 | 19.1 | 18.0 | 17.4 | 17.2 | 17.0 | 16.9 |
| 30° | 17.8 | 17.8 | 18.1 | 18.6 | 18.8 | 17.8 | 16.8 | 16.1 | 15.7 | 15.5 | 15.4 |
| 32.5° | 16.6 | 16.7 | 16.9 | 17.2 | 17.6 | 16.5 | 15.7 | 15.2 | 14.4 | 14.2 | 14.0 |
| 35° | 15.3 | 15.7 | 15.9 | 16.0 | 16.3 | 15.6 | 14.8 | 13.9 | 13.2 | 13.0 | 13.0 |
| 37.5° | 14.3 | 14.5 | 14.9 | 14.8 | 15.1 | 14.6 | 13.7 | 12.8 | 12.4 | 12.3 | 12.3 |
| 40° | 13.5 | 13.5 | 13.8 | 14.1 | 14.4 | 13.6 | 12.5 | 12.0 | 11.8 | 11.6 | 11.7 |
| 42.5° | 12.8 | 12.7 | 12.7 | 13.2 | 13.8 | 12.5 | 11.6 | 11.3 | 11.2 | 11.1 | 11.1 |
| 45° | 12.1 | 12.0 | 11.8 | 12.0 | 12.8 | 11.5 | 10.9 | 10.7 | 10.6 | 10.6 | 10.6 |
| 47.5° | 11.5 | 11.4 | 11.1 | 11.1 | 11.7 | 10.7 | 10.2 | 10.1 | 10.0 | 10.0 | 10.1 |
| 50° | 10.9 | 10.7 | 10.5 | 10.4 | 10.6 | 10.1 | 9.7 | 9.5 | 9.5 | 9.5 | 9.7 |
| 52.5° | 10.3 | 10.2 | 9.9 | 9.8 | 9.9 | 9.6 | 9.2 | 9.1 | 9.1 | 9.1 | 9.4 |
| 55° | 9.9 | 9.8 | 9.6 | 9.4 | 9.6 | 9.2 | 8.9 | 8.7 | 8.7 | 8.9 | 9.0 |
| 57.5° | 9.5 | 9.4 | 9.3 | 9.1 | 9.3 | 8.9 | 8.6 | 8.4 | 8.5 | 8.6 | 8.6 |
| 60° | 9.1 | 9.0 | 8.9 | 8.7 | 9.0 | 8.6 | 8.2 | 8.2 | 8.2 | 8.1 | 8.1 |
| 62.5° | 8.7 | 8.6 | 8.5 | 8.3 | 8.6 | 8.2 | 7.9 | 7.7 | 7.7 | 7.7 | 7.7 |
| 65° | 8.2 | 8.2 | 8.1 | 8.0 | 8.2 | 7.7 | 7.5 | 7.4 | 7.3 | 7.2 | 7.3 |
| 67.5° | 7.8 | 7.8 | 7.7 | 7.5 | 7.7 | 7.3 | 7.1 | 7.0 | 6.8 | 6.7 | 6.8 |
| 70° | 7.3 | 7.3 | 7.2 | 7.1 | 7.4 | 6.8 | 6.6 | 6.5 | 6.4 | 6.3 | 6.3 |
| 72.5° | 6.9 | 6.9 | 6.7 | 6.6 | 7.0 | 6.3 | 6.1 | 6.1 | 5.8 | 5.7 | 5.7 |
| 75° | 6.4 | 6.3 | 6.2 | 6.1 | 6.6 | 5.8 | 5.6 | 5.4 | 5.2 | 5.1 | 5.0 |
| 77.5° | 5.8 | 5.7 | 5.6 | 5.6 | 6.0 | 5.2 | 4.8 | 4.8 | 4.5 | 4.4 | 4.4 |
| 80° | 5.1 | 5.0 | 4.9 | 5.1 | 5.1 | 4.5 | 4.1 | 4.0 | 3.7 | 3.6 | 3.5 |
| 82.5° | 4.4 | 4.3 | 4.3 | 4.4 | 4.2 | 4.0 | 3.5 | 3.1 | 2.7 | 2.5 | 2.4 |
| 85° | 3.6 | 3.7 | 3.6 | 3.7 | 3.1 | 3.1 | 2.4 | 1.9 | 1.3 | 1.0 | 1.0 |
| 87.5° | 2.7 | 2.8 | 2.7 | 2.8 | 2.2 | 2.1 | 1.1 | 0.6 | 0.1 | 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-SLL-XXB

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 173.4 | 173.4 | 173.4 | 173.4 | 173.4 | 173.4 | 173.4 | 173.4 | 173.4 | 173.4 |
| 2.5° | 155.0 | 155.1 | 158.6 | 162.1 | 164.2 | 169.4 | 172.0 | 174.9 | 176.4 | 178.2 |
| 5° | 124.4 | 127.4 | 130.3 | 137.2 | 140.7 | 149.1 | 155.1 | 164.8 | 167.9 | 170.3 |
| 7.5° | 93.9 | 98.5 | 102.0 | 110.6 | 117.3 | 127.7 | 138.2 | 149.8 | 153.1 | 155.3 |
| 10° | 74.7 | 78.8 | 85.4 | 92.2 | 99.7 | 112.2 | 123.6 | 135.6 | 141.4 | 143.9 |
| 12.5° | 62.7 | 69.4 | 77.1 | 83.4 | 89.3 | 98.5 | 113.1 | 128.2 | 134.2 | 136.9 |
| 15° | 51.7 | 59.2 | 67.1 | 74.8 | 82.2 | 92.6 | 107.9 | 127.5 | 135.2 | 137.8 |
| 17.5° | 41.1 | 47.2 | 55.1 | 64.5 | 75.3 | 88.5 | 108.9 | 134.4 | 143.7 | 147.2 |
| 20° | 29.2 | 35.2 | 43.3 | 54.8 | 67.6 | 84.3 | 111.1 | 144.7 | 158.0 | 162.0 |
| 22.5° | 22.0 | 25.3 | 32.8 | 44.1 | 60.8 | 80.9 | 114.7 | 158.8 | 174.4 | 178.0 |
| 25° | 19.4 | 20.5 | 24.3 | 35.3 | 53.9 | 77.8 | 119.4 | 172.9 | 191.8 | 195.6 |
| 27.5° | 17.2 | 17.8 | 19.8 | 28.3 | 48.8 | 74.7 | 124.9 | 188.0 | 206.7 | 211.8 |
| 30° | 15.5 | 16.3 | 17.9 | 23.7 | 43.9 | 70.1 | 130.0 | 201.7 | 219.4 | 223.2 |
| 32.5° | 14.2 | 15.1 | 16.5 | 21.5 | 39.7 | 66.7 | 132.9 | 211.8 | 230.2 | 233.7 |
| 35° | 13.3 | 14.1 | 15.6 | 19.4 | 36.0 | 64.4 | 133.8 | 221.9 | 243.4 | 247.0 |
| 37.5° | 12.5 | 13.3 | 14.6 | 17.4 | 33.4 | 61.3 | 135.2 | 234.0 | 258.7 | 263.5 |
| 40° | 11.9 | 12.6 | 13.8 | 16.1 | 29.9 | 58.0 | 136.8 | 248.0 | 273.7 | 278.4 |
| 42.5° | 11.4 | 12.1 | 13.2 | 16.1 | 26.3 | 55.2 | 137.8 | 258.8 | 285.5 | 290.0 |
| 45° | 10.9 | 11.7 | 12.9 | 15.8 | 23.6 | 52.6 | 137.4 | 267.9 | 296.3 | 299.8 |
| 47.5° | 10.4 | 11.4 | 13.6 | 15.2 | 22.8 | 50.3 | 137.8 | 276.6 | 304.1 | 306.8 |
| 50° | 10.1 | 11.3 | 14.5 | 14.2 | 23.0 | 49.2 | 141.6 | 287.0 | 309.9 | 311.0 |
| 52.5° | 9.8 | 11.5 | 13.7 | 12.8 | 23.0 | 48.7 | 149.1 | 303.8 | 320.0 | 319.3 |
| 55° | 9.4 | 11.5 | 12.8 | 11.6 | 22.0 | 49.0 | 156.1 | 326.0 | 344.2 | 340.2 |
| 57.5° | 9.1 | 11.0 | 11.5 | 10.7 | 19.8 | 49.1 | 166.5 | 344.7 | 363.2 | 363.8 |
| 60° | 8.7 | 11.8 | 10.0 | 10.0 | 16.9 | 48.7 | 175.7 | 344.4 | 366.7 | 370.4 |
| 62.5° | 8.3 | 11.5 | 9.0 | 9.3 | 15.0 | 47.1 | 181.3 | 324.3 | 353.9 | 360.7 |
| 65° | 7.8 | 9.1 | 8.2 | 8.6 | 14.2 | 43.3 | 173.4 | 299.3 | 336.5 | 343.9 |
| 67.5° | 7.3 | 7.5 | 7.5 | 8.0 | 13.9 | 37.6 | 153.4 | 271.8 | 314.7 | 323.6 |
| 70° | 6.6 | 6.7 | 6.9 | 7.6 | 12.9 | 32.4 | 124.9 | 242.5 | 291.3 | 302.6 |
| 72.5° | 6.0 | 6.1 | 6.1 | 6.9 | 12.1 | 27.9 | 88.5 | 192.2 | 243.2 | 255.0 |
| 75° | 5.2 | 5.3 | 5.2 | 6.0 | 10.6 | 20.9 | 52.5 | 121.5 | 145.1 | 158.4 |
| 77.5° | 4.4 | 4.4 | 4.3 | 4.7 | 7.3 | 13.2 | 28.7 | 73.8 | 88.3 | 96.5 |
| 80° | 3.6 | 3.3 | 2.7 | 2.8 | 4.0 | 7.6 | 12.8 | 42.4 | 48.4 | 50.5 |
| 82.5° | 2.4 | 1.9 | 1.1 | 1.0 | 1.3 | 2.1 | 3.0 | 16.8 | 15.4 | 14.6 |
| 85° | 0.5 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 |
| 87.5° | 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 |

(END OF REPORT)