

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: P400756

Luminaire Tested: **ENT-SA1-735-U-SLR-XXB**

Issue Date: 5/20/2020

Test Information

Test Method: LM-79-08
Report Number: P400756
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-SA1-735-U-SLR-XXB
Description: ENTRI LED LUMINAIRE
(1) 70 CRI, 3500K 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: 641 lumens
Efficiency: N/A
Efficacy: 49.3 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

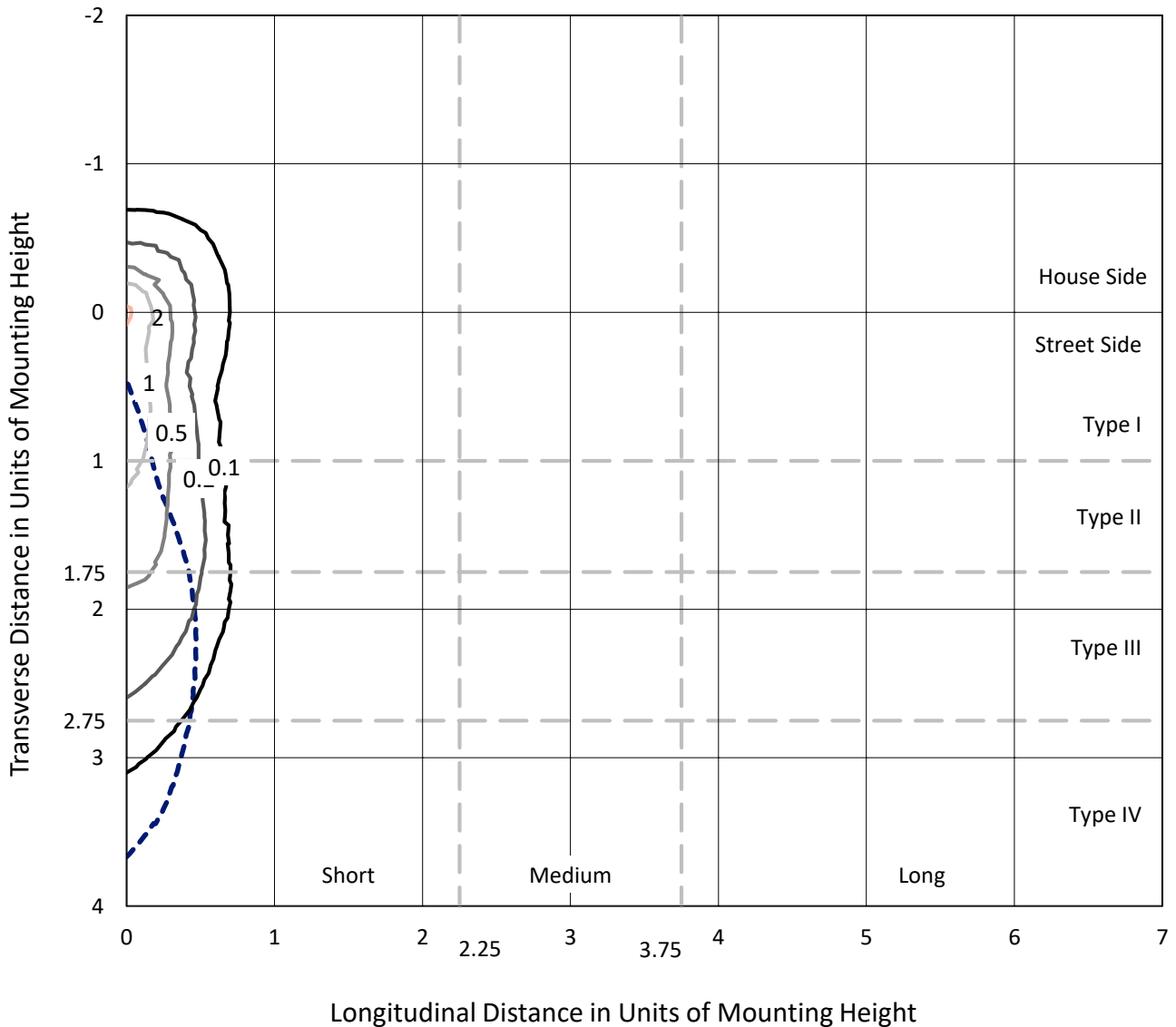


REPORT NUMBER: P400756

CATALOG NUMBER: ENT-SA1-735-U-SLR-XXB

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

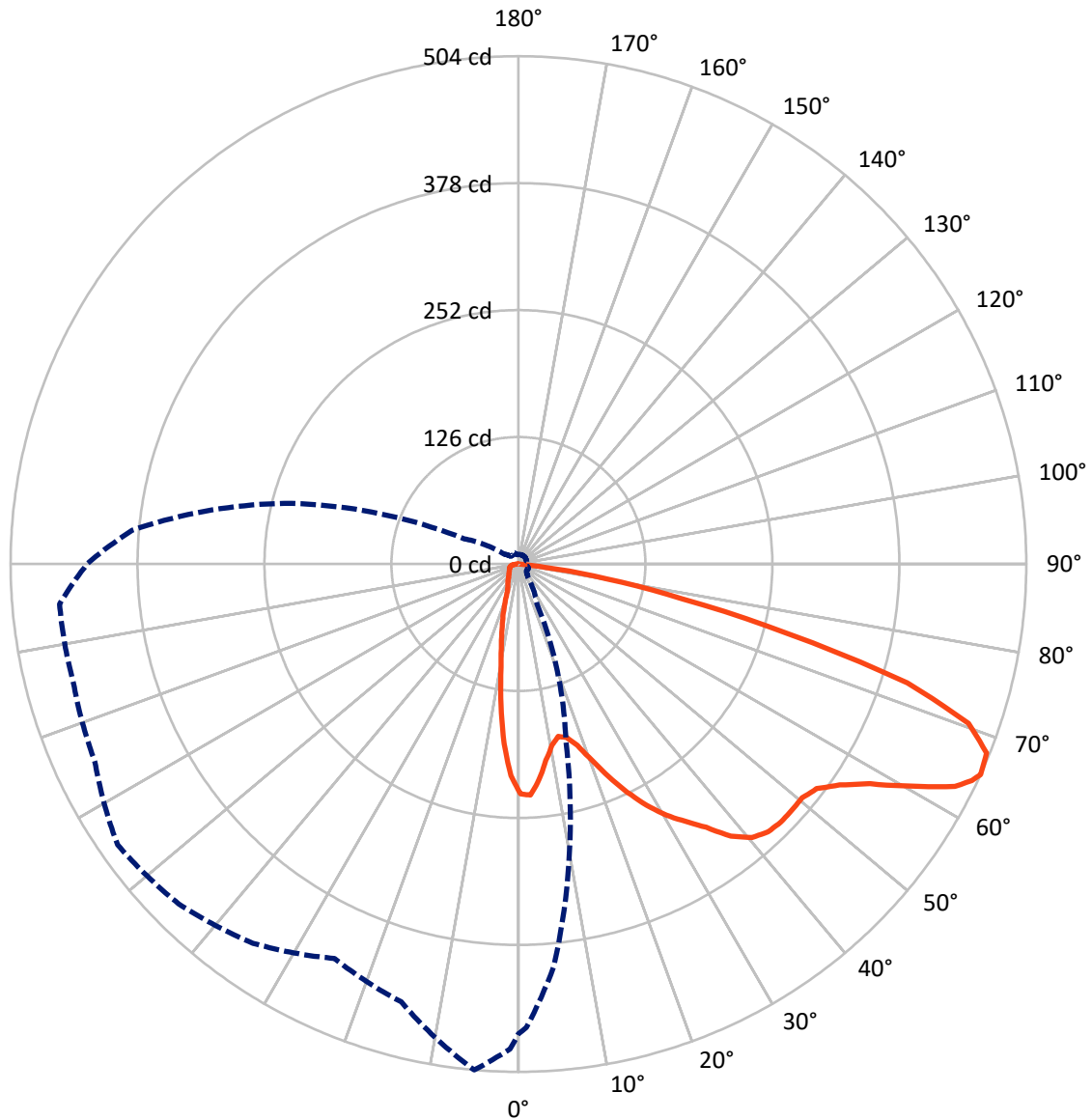


Based on 10 foot mounting height. Maximum calculated value = 2.3 fc
 Type IV - Short - Non-Cutoff

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CATALOG NUMBER: ENT-SA1-735-U-SLR-XXB

Luminous Intensity Polar Plot



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

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CATALOG NUMBER: ENT-SA1-735-U-SLR-XXB

FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|-------|
| House Side | Lumens | 131.5 | 0.0 | 131.5 |
| | % Fixture | 20.5 | 0.0 | 20.5 |
| Street Side | Lumens | 509.5 | 0.0 | 509.5 |
| | % Fixture | 79.5 | 0.0 | 79.5 |
| Total | Lumens | 641.0 | 0.0 | 641.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 17.4 | 2.7 |
| 10°-20° | 34.7 | 5.4 |
| 20°-30° | 48.1 | 7.5 |
| 30°-40° | 67.2 | 10.5 |
| 40°-50° | 91.4 | 14.3 |
| 50°-60° | 125.0 | 19.5 |
| 60°-70° | 152.8 | 23.8 |
| 70°-80° | 92.3 | 14.4 |
| 80°-90° | 12.2 | 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° | 641.0 | 100.0 |
| 0°-180° | 641.0 | 100.0 |



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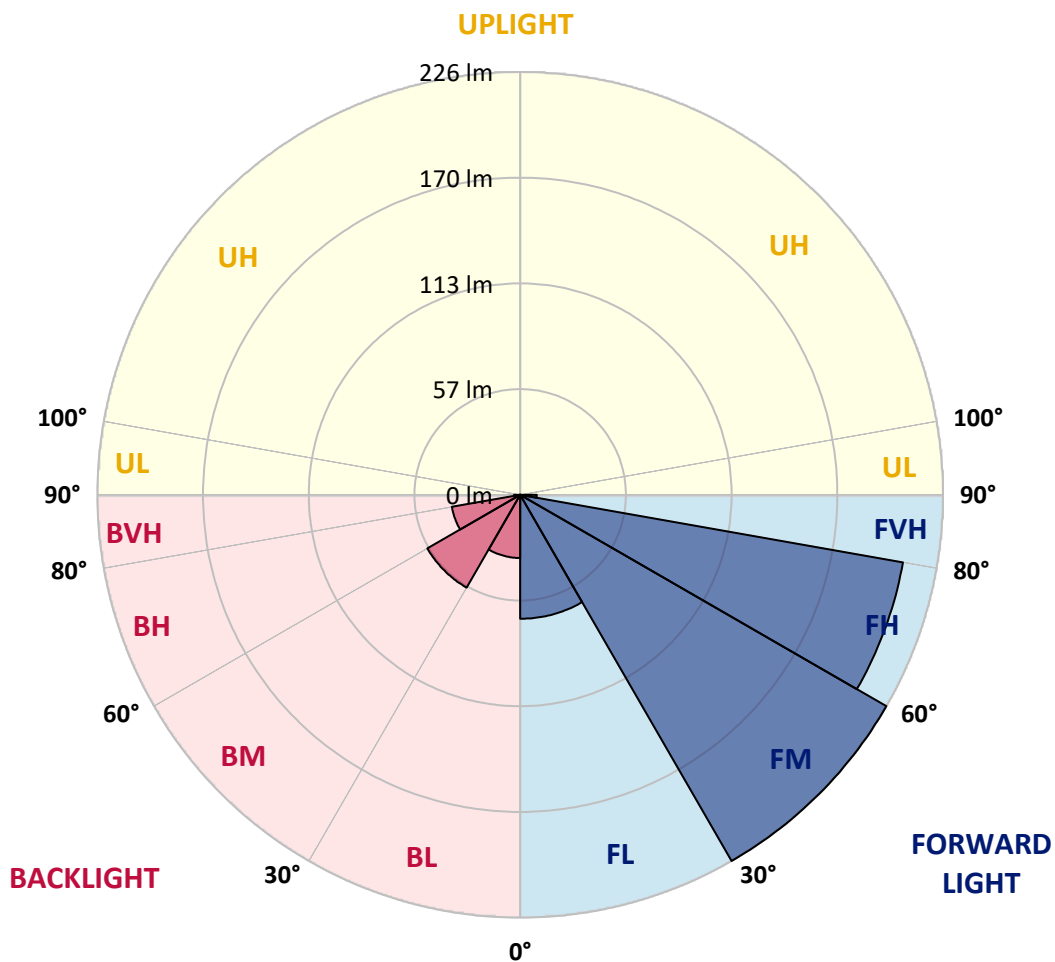
CATALOG NUMBER: ENT-SA1-735-U-SLR-XXB

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|--------|
| | | | | B | U | G |
| FL | (0°-30°) | 66.3 | 10.3 | | | |
| FM | (30°-60°) | 226.3 | 35.3 | | | |
| FH | (60°-80°) | 208.0 | 32.4 | | | G0/660 |
| FVH | (80°-90°) | 8.9 | 1.4 | | | G0/10 |
| BL | (0°-30°) | 33.8 | 5.3 | B0/110 | | |
| BM | (30°-60°) | 57.3 | 8.9 | B0/220 | | |
| BH | (60°-80°) | 37.1 | 5.8 | B0/110 | | G0/110 |
| BVH | (80°-90°) | 3.3 | 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: P400756

CATALOG NUMBER: ENT-SA1-735-U-SLR-XXB

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 228.1 | 228.1 | 228.1 | 228.1 | 228.1 | 228.1 | 228.1 | 228.1 | 228.1 | 228.1 | 228.1 |
| 2.5° | 227.6 | 226.9 | 225.3 | 221.0 | 216.4 | 211.0 | 210.0 | 204.1 | 204.7 | 203.0 | 203.4 |
| 5° | 207.8 | 207.0 | 202.6 | 194.0 | 182.3 | 175.6 | 170.3 | 167.2 | 164.6 | 163.4 | 165.0 |
| 7.5° | 188.7 | 187.5 | 182.2 | 167.1 | 154.1 | 143.4 | 134.8 | 129.6 | 124.4 | 120.4 | 118.4 |
| 10° | 173.1 | 172.7 | 165.7 | 148.7 | 132.4 | 119.3 | 113.7 | 108.2 | 103.8 | 98.0 | 93.3 |
| 12.5° | 165.3 | 164.0 | 155.7 | 135.9 | 120.1 | 112.0 | 106.8 | 99.7 | 93.7 | 86.6 | 80.5 |
| 15° | 165.6 | 164.1 | 153.8 | 133.0 | 115.8 | 106.0 | 98.0 | 89.5 | 80.7 | 73.5 | 67.3 |
| 17.5° | 174.8 | 173.8 | 161.2 | 135.7 | 112.1 | 98.6 | 86.1 | 75.1 | 65.5 | 56.5 | 50.9 |
| 20° | 190.4 | 188.8 | 171.4 | 138.9 | 107.5 | 90.1 | 73.1 | 58.1 | 47.7 | 39.8 | 35.4 |
| 22.5° | 210.6 | 207.6 | 185.9 | 142.9 | 102.9 | 80.5 | 59.1 | 42.3 | 33.1 | 29.2 | 28.0 |
| 25° | 232.3 | 229.9 | 203.3 | 147.9 | 98.0 | 70.0 | 43.7 | 30.8 | 27.5 | 25.9 | 25.1 |
| 27.5° | 252.2 | 248.4 | 222.1 | 153.5 | 91.4 | 59.5 | 33.2 | 26.5 | 24.3 | 23.6 | 23.0 |
| 30° | 266.5 | 263.2 | 235.1 | 159.9 | 85.8 | 48.6 | 28.4 | 24.0 | 22.3 | 21.1 | 20.9 |
| 32.5° | 280.1 | 275.4 | 244.5 | 162.9 | 81.0 | 42.7 | 26.3 | 22.3 | 20.7 | 19.5 | 19.1 |
| 35° | 296.2 | 291.5 | 255.3 | 163.4 | 77.5 | 40.2 | 24.2 | 21.0 | 19.3 | 18.2 | 17.7 |
| 37.5° | 315.1 | 308.7 | 267.5 | 163.7 | 74.0 | 39.2 | 22.5 | 19.9 | 18.2 | 17.0 | 16.6 |
| 40° | 333.1 | 328.2 | 280.1 | 163.1 | 71.6 | 37.8 | 21.4 | 18.8 | 17.2 | 16.1 | 15.5 |
| 42.5° | 346.8 | 341.5 | 290.8 | 161.5 | 70.2 | 35.5 | 21.9 | 17.9 | 16.4 | 15.2 | 14.6 |
| 45° | 353.7 | 349.0 | 300.6 | 160.0 | 69.5 | 33.4 | 21.4 | 17.6 | 15.9 | 14.5 | 13.8 |
| 47.5° | 359.0 | 354.4 | 310.5 | 159.4 | 68.2 | 31.9 | 19.7 | 18.8 | 15.3 | 13.7 | 13.1 |
| 50° | 367.4 | 363.5 | 324.0 | 163.0 | 66.1 | 31.0 | 18.1 | 20.0 | 15.1 | 13.1 | 12.3 |
| 52.5° | 382.7 | 380.1 | 346.3 | 171.5 | 64.0 | 29.4 | 16.5 | 19.2 | 15.3 | 12.6 | 11.8 |
| 55° | 411.1 | 409.5 | 377.0 | 182.7 | 62.0 | 27.3 | 14.8 | 17.4 | 15.2 | 11.9 | 11.3 |
| 57.5° | 441.7 | 441.3 | 414.2 | 192.4 | 59.0 | 23.9 | 13.7 | 14.7 | 14.5 | 11.3 | 10.5 |
| 60° | 462.3 | 460.9 | 431.3 | 197.9 | 55.1 | 19.7 | 12.9 | 12.4 | 14.8 | 10.6 | 9.8 |
| 62.5° | 469.4 | 464.8 | 426.2 | 195.8 | 49.3 | 17.0 | 11.9 | 11.4 | 13.7 | 10.0 | 9.0 |
| 64° | 469.0 | 462.2 | 412.8 | 188.1 | 45.6 | 16.5 | 11.4 | 10.6 | 12.1 | 9.5 | 8.7 |
| 65° | 466.5 | 460.1 | 401.6 | 182.1 | 43.5 | 16.5 | 11.0 | 10.3 | 11.0 | 9.3 | 8.5 |
| 67.5° | 450.7 | 442.3 | 363.6 | 154.2 | 38.3 | 16.7 | 10.3 | 9.4 | 9.2 | 8.6 | 7.9 |
| 70° | 414.8 | 403.8 | 311.4 | 121.3 | 35.5 | 16.8 | 9.4 | 8.6 | 8.3 | 7.8 | 7.3 |
| 72.5° | 333.1 | 318.4 | 247.8 | 86.7 | 32.6 | 16.5 | 8.6 | 7.8 | 7.5 | 7.1 | 6.5 |
| 75° | 223.4 | 207.2 | 182.7 | 57.1 | 26.7 | 14.8 | 7.4 | 6.8 | 6.6 | 6.2 | 5.8 |
| 77.5° | 125.9 | 119.2 | 107.8 | 31.4 | 18.4 | 10.2 | 5.9 | 5.5 | 5.6 | 5.4 | 4.9 |
| 80° | 65.8 | 62.7 | 57.7 | 15.2 | 8.9 | 4.9 | 3.8 | 3.8 | 4.3 | 4.3 | 4.1 |
| 82.5° | 23.3 | 23.4 | 22.6 | 3.4 | 1.8 | 1.5 | 1.3 | 1.8 | 2.5 | 3.0 | 3.0 |
| 85° | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.4 | 0.8 |
| 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: P400756

CATALOG NUMBER: ENT-SA1-735-U-SLR-XXB

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 228.1 | 228.1 | 228.1 | 228.1 | 228.1 | 228.1 | 228.1 | 228.1 | 228.1 | 228.1 | 228.1 |
| 2.5° | 199.8 | 200.4 | 202.2 | 201.8 | 203.6 | 202.8 | 205.1 | 206.2 | 206.9 | 210.2 | 211.8 |
| 5° | 163.7 | 163.9 | 170.0 | 171.3 | 174.5 | 172.8 | 176.8 | 175.3 | 178.5 | 178.9 | 184.3 |
| 7.5° | 120.3 | 120.7 | 123.7 | 130.8 | 137.7 | 140.6 | 141.8 | 143.6 | 142.1 | 141.6 | 142.3 |
| 10° | 91.4 | 91.8 | 92.1 | 97.1 | 103.2 | 109.3 | 109.3 | 109.4 | 106.8 | 104.1 | 103.5 |
| 12.5° | 78.1 | 76.1 | 72.9 | 73.0 | 77.3 | 80.2 | 82.4 | 80.1 | 79.6 | 80.9 | 82.3 |
| 15° | 64.3 | 62.3 | 60.1 | 57.6 | 57.7 | 59.7 | 60.9 | 60.8 | 62.9 | 63.9 | 66.8 |
| 17.5° | 50.0 | 47.1 | 47.2 | 45.7 | 43.6 | 44.9 | 45.2 | 47.2 | 50.0 | 51.2 | 51.8 |
| 20° | 33.6 | 33.6 | 34.4 | 36.2 | 35.3 | 36.1 | 36.2 | 37.7 | 39.0 | 38.3 | 39.0 |
| 22.5° | 27.8 | 27.7 | 28.0 | 29.2 | 30.1 | 30.9 | 31.1 | 31.0 | 29.7 | 29.2 | 30.2 |
| 25° | 25.2 | 25.1 | 25.2 | 25.8 | 26.9 | 27.9 | 27.4 | 26.8 | 25.3 | 25.2 | 25.4 |
| 27.5° | 23.0 | 23.2 | 23.4 | 23.8 | 24.4 | 25.6 | 25.2 | 23.9 | 23.2 | 22.9 | 22.9 |
| 30° | 21.2 | 21.2 | 21.7 | 22.1 | 22.8 | 23.9 | 23.2 | 22.1 | 21.3 | 21.1 | 21.0 |
| 32.5° | 19.4 | 19.7 | 20.0 | 20.5 | 21.1 | 22.2 | 21.5 | 20.6 | 19.8 | 19.4 | 19.1 |
| 35° | 17.6 | 17.8 | 18.4 | 19.1 | 19.6 | 20.5 | 20.0 | 19.2 | 18.4 | 17.5 | 17.0 |
| 37.5° | 16.5 | 16.5 | 16.8 | 17.8 | 18.2 | 18.9 | 18.7 | 17.9 | 16.7 | 16.0 | 15.9 |
| 40° | 15.5 | 15.5 | 15.6 | 16.2 | 16.9 | 17.7 | 17.3 | 16.1 | 15.3 | 15.0 | 14.9 |
| 42.5° | 14.6 | 14.6 | 14.7 | 14.7 | 15.6 | 16.9 | 15.9 | 14.7 | 14.4 | 14.1 | 14.0 |
| 45° | 13.7 | 13.7 | 13.7 | 13.6 | 14.1 | 15.8 | 14.6 | 13.6 | 13.4 | 13.4 | 13.3 |
| 47.5° | 13.1 | 13.0 | 12.9 | 12.6 | 13.0 | 14.3 | 13.3 | 12.8 | 12.6 | 12.8 | 12.6 |
| 50° | 12.2 | 12.1 | 12.0 | 11.9 | 12.1 | 12.6 | 12.4 | 11.9 | 12.0 | 12.0 | 12.1 |
| 52.5° | 11.5 | 11.4 | 11.3 | 11.1 | 11.4 | 11.8 | 11.8 | 11.4 | 11.4 | 11.5 | 11.6 |
| 55° | 11.0 | 10.8 | 10.7 | 10.7 | 10.8 | 11.4 | 11.3 | 10.9 | 10.9 | 11.1 | 11.3 |
| 57.5° | 10.4 | 10.2 | 10.2 | 10.1 | 10.3 | 10.9 | 10.8 | 10.5 | 10.5 | 10.6 | 10.8 |
| 60° | 9.8 | 9.6 | 9.5 | 9.8 | 9.9 | 10.5 | 10.4 | 10.2 | 10.1 | 10.4 | 10.4 |
| 62.5° | 9.0 | 9.0 | 9.0 | 9.2 | 9.3 | 10.1 | 10.0 | 9.9 | 9.9 | 10.0 | 9.9 |
| 64° | 8.6 | 8.6 | 8.7 | 8.8 | 9.0 | 9.6 | 9.6 | 9.6 | 9.6 | 9.6 | 9.5 |
| 65° | 8.4 | 8.4 | 8.6 | 8.7 | 8.8 | 9.5 | 9.4 | 9.5 | 9.6 | 9.5 | 9.3 |
| 67.5° | 7.8 | 7.8 | 8.1 | 8.1 | 8.3 | 9.1 | 9.0 | 9.2 | 9.4 | 9.2 | 9.0 |
| 70° | 7.2 | 7.3 | 7.6 | 7.5 | 7.7 | 8.7 | 8.4 | 8.8 | 9.2 | 8.9 | 8.7 |
| 72.5° | 6.5 | 6.6 | 7.1 | 6.9 | 7.0 | 8.1 | 7.7 | 8.1 | 8.8 | 8.6 | 8.4 |
| 75° | 5.9 | 6.0 | 6.3 | 6.2 | 6.4 | 7.5 | 7.1 | 7.5 | 8.1 | 8.1 | 8.0 |
| 77.5° | 5.0 | 5.3 | 5.5 | 5.4 | 5.8 | 6.8 | 6.3 | 6.6 | 7.2 | 7.6 | 7.4 |
| 80° | 4.1 | 4.4 | 4.5 | 4.6 | 5.0 | 5.8 | 5.5 | 5.6 | 6.1 | 6.4 | 6.5 |
| 82.5° | 2.8 | 3.3 | 3.5 | 3.6 | 4.3 | 4.5 | 4.6 | 4.5 | 4.8 | 5.3 | 4.9 |
| 85° | 0.9 | 1.1 | 2.0 | 2.6 | 3.2 | 3.2 | 3.8 | 3.5 | 3.8 | 3.3 | 2.8 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.8 | 1.9 | 1.9 | 2.7 | 2.5 | 2.6 | 1.9 | 1.7 |
| 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-SA1-735-U-SLR-XXB

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 228.1 | 228.1 | 228.1 | 228.1 | 228.1 | 228.1 | 228.1 | 228.1 | 228.1 | 228.1 | 228.1 |
| 2.5° | 212.1 | 214.0 | 218.0 | 222.7 | 225.3 | 230.9 | 234.3 | 238.0 | 241.6 | 242.4 | 243.5 |
| 5° | 185.3 | 187.5 | 192.1 | 198.4 | 204.7 | 212.1 | 220.7 | 229.8 | 239.9 | 244.2 | 248.4 |
| 7.5° | 144.4 | 144.8 | 151.4 | 162.8 | 168.4 | 178.9 | 191.1 | 205.2 | 220.7 | 228.7 | 237.3 |
| 10° | 106.7 | 111.0 | 116.0 | 125.5 | 139.6 | 151.7 | 166.8 | 183.2 | 199.4 | 211.1 | 220.0 |
| 12.5° | 83.8 | 89.4 | 97.5 | 108.0 | 118.7 | 130.1 | 147.6 | 165.2 | 185.1 | 195.6 | 206.6 |
| 15° | 69.0 | 76.1 | 86.7 | 97.8 | 107.6 | 117.8 | 133.3 | 154.9 | 180.4 | 191.1 | 200.9 |
| 17.5° | 54.7 | 62.5 | 73.9 | 85.4 | 97.2 | 109.7 | 127.7 | 154.4 | 185.4 | 197.9 | 207.9 |
| 20° | 41.9 | 48.0 | 57.6 | 69.2 | 83.1 | 100.1 | 123.2 | 158.4 | 200.3 | 215.9 | 222.5 |
| 22.5° | 31.1 | 34.6 | 42.1 | 54.3 | 70.6 | 91.6 | 118.7 | 164.2 | 218.8 | 237.0 | 242.0 |
| 25° | 25.7 | 26.7 | 30.1 | 40.7 | 57.6 | 82.1 | 115.2 | 171.7 | 237.2 | 257.7 | 261.3 |
| 27.5° | 23.2 | 23.7 | 25.3 | 29.3 | 45.0 | 74.3 | 110.7 | 180.4 | 256.6 | 278.2 | 277.8 |
| 30° | 20.9 | 21.0 | 22.0 | 24.8 | 36.6 | 67.3 | 105.5 | 190.0 | 273.9 | 292.8 | 291.9 |
| 32.5° | 18.9 | 18.9 | 20.2 | 22.3 | 31.2 | 61.0 | 99.2 | 197.0 | 288.9 | 304.8 | 301.7 |
| 35° | 17.0 | 17.4 | 18.5 | 20.7 | 27.7 | 53.9 | 93.3 | 199.6 | 301.7 | 319.3 | 310.5 |
| 37.5° | 15.8 | 16.2 | 17.4 | 19.4 | 24.7 | 48.7 | 88.4 | 202.6 | 317.6 | 336.8 | 320.4 |
| 40° | 14.9 | 15.2 | 16.3 | 18.0 | 22.3 | 44.3 | 83.2 | 204.6 | 333.4 | 355.4 | 330.8 |
| 42.5° | 14.0 | 14.4 | 15.4 | 17.0 | 21.2 | 39.1 | 78.1 | 205.8 | 349.8 | 371.6 | 339.5 |
| 45° | 13.3 | 13.7 | 14.8 | 16.3 | 21.3 | 34.5 | 74.0 | 205.4 | 359.6 | 383.3 | 346.2 |
| 47.5° | 12.8 | 13.2 | 14.4 | 16.3 | 20.7 | 31.8 | 70.4 | 203.9 | 366.9 | 390.9 | 349.3 |
| 50° | 12.2 | 12.6 | 14.0 | 18.0 | 19.6 | 31.1 | 67.7 | 203.7 | 374.5 | 392.4 | 349.3 |
| 52.5° | 11.7 | 12.4 | 14.1 | 18.1 | 18.0 | 30.8 | 65.6 | 209.3 | 385.0 | 395.0 | 352.4 |
| 55° | 11.4 | 12.0 | 14.6 | 16.7 | 15.8 | 29.7 | 64.3 | 217.2 | 402.7 | 409.1 | 368.1 |
| 57.5° | 10.9 | 11.5 | 14.4 | 15.6 | 14.0 | 27.2 | 63.2 | 224.7 | 426.0 | 435.4 | 399.3 |
| 60° | 10.4 | 11.0 | 13.9 | 13.4 | 12.8 | 23.2 | 62.6 | 230.9 | 434.7 | 452.3 | 432.8 |
| 62.5° | 9.9 | 10.6 | 15.2 | 11.7 | 11.8 | 19.3 | 61.4 | 236.9 | 416.3 | 448.3 | 454.4 |
| 64° | 9.5 | 10.3 | 14.1 | 10.9 | 11.3 | 17.6 | 60.2 | 237.2 | 400.1 | 438.6 | 458.5 |
| 65° | 9.3 | 10.0 | 13.2 | 10.5 | 10.8 | 17.2 | 59.2 | 232.7 | 384.9 | 428.3 | 457.3 |
| 67.5° | 9.0 | 9.4 | 10.2 | 9.8 | 10.1 | 16.4 | 51.9 | 212.9 | 352.5 | 401.9 | 438.9 |
| 70° | 8.6 | 8.9 | 9.0 | 8.9 | 9.4 | 15.9 | 43.8 | 184.7 | 317.2 | 374.1 | 410.4 |
| 72.5° | 8.1 | 8.1 | 8.1 | 8.0 | 8.7 | 15.1 | 39.4 | 149.2 | 274.1 | 337.6 | 375.0 |
| 75° | 7.8 | 7.5 | 7.4 | 7.2 | 7.9 | 14.7 | 35.6 | 112.0 | 211.8 | 281.3 | 314.2 |
| 77.5° | 7.2 | 6.9 | 6.5 | 6.3 | 7.1 | 13.1 | 29.7 | 79.1 | 156.2 | 204.6 | 242.5 |
| 80° | 6.2 | 6.0 | 5.6 | 5.3 | 5.9 | 10.3 | 22.5 | 48.9 | 114.3 | 138.2 | 159.1 |
| 82.5° | 5.0 | 4.9 | 4.5 | 4.1 | 4.3 | 7.4 | 15.3 | 24.9 | 76.2 | 75.0 | 88.9 |
| 85° | 3.1 | 3.9 | 3.3 | 2.7 | 2.9 | 4.3 | 6.2 | 7.9 | 23.4 | 14.0 | 21.8 |
| 87.5° | 1.8 | 2.5 | 2.0 | 1.4 | 1.1 | 1.9 | 1.7 | 1.6 | 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: P400756

CATALOG NUMBER: ENT-SA1-735-U-SLR-XXB

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 228.1 | 228.1 | 228.1 | 228.1 | 228.1 | 228.1 | 228.1 | 228.1 | 228.1 | 228.1 |
| 2.5° | 246.3 | 247.7 | 248.5 | 245.7 | 242.7 | 240.0 | 234.9 | 229.7 | 227.0 | 227.6 |
| 5° | 256.4 | 258.8 | 259.4 | 255.3 | 246.9 | 238.2 | 225.6 | 214.8 | 208.3 | 207.8 |
| 7.5° | 252.5 | 260.3 | 261.5 | 257.1 | 245.0 | 228.9 | 211.8 | 196.7 | 190.2 | 188.7 |
| 10° | 238.8 | 250.6 | 254.5 | 253.0 | 241.2 | 222.6 | 201.9 | 182.8 | 176.2 | 173.1 |
| 12.5° | 224.8 | 237.1 | 239.5 | 241.0 | 233.8 | 218.1 | 195.4 | 175.7 | 167.9 | 165.3 |
| 15° | 215.6 | 224.0 | 224.7 | 226.1 | 224.6 | 216.0 | 198.4 | 178.6 | 169.1 | 165.6 |
| 17.5° | 214.3 | 211.3 | 209.2 | 212.1 | 214.0 | 216.1 | 206.2 | 189.4 | 179.3 | 174.8 |
| 20° | 214.5 | 205.2 | 199.4 | 199.2 | 207.0 | 218.9 | 222.1 | 207.6 | 194.6 | 190.4 |
| 22.5° | 222.3 | 201.9 | 192.3 | 191.1 | 200.7 | 223.6 | 238.3 | 229.3 | 216.2 | 210.6 |
| 25° | 234.0 | 200.0 | 187.3 | 187.6 | 197.1 | 226.7 | 252.1 | 250.9 | 239.5 | 232.3 |
| 27.5° | 245.3 | 203.2 | 186.6 | 187.5 | 198.3 | 228.7 | 263.6 | 271.3 | 258.4 | 252.2 |
| 30° | 254.3 | 210.4 | 188.5 | 189.3 | 201.9 | 231.5 | 269.3 | 289.4 | 273.9 | 266.5 |
| 32.5° | 262.1 | 217.2 | 191.4 | 192.0 | 207.7 | 235.5 | 274.6 | 304.6 | 288.9 | 280.1 |
| 35° | 269.2 | 223.0 | 195.8 | 197.7 | 215.1 | 241.2 | 280.1 | 321.1 | 307.2 | 296.2 |
| 37.5° | 275.4 | 230.0 | 204.5 | 207.5 | 226.0 | 249.4 | 287.2 | 342.9 | 327.7 | 315.1 |
| 40° | 278.9 | 236.4 | 217.4 | 221.9 | 240.0 | 260.2 | 296.2 | 357.1 | 347.3 | 333.1 |
| 42.5° | 281.6 | 245.0 | 238.1 | 246.2 | 261.8 | 270.2 | 300.5 | 363.4 | 358.9 | 346.8 |
| 45° | 283.0 | 262.2 | 269.2 | 276.8 | 286.3 | 281.3 | 298.1 | 365.5 | 364.1 | 353.7 |
| 47.5° | 289.3 | 288.0 | 305.2 | 315.7 | 315.1 | 297.9 | 293.6 | 365.3 | 367.6 | 359.0 |
| 50° | 302.2 | 318.1 | 342.2 | 352.4 | 348.5 | 313.4 | 292.7 | 365.0 | 374.4 | 367.4 |
| 52.5° | 317.5 | 348.3 | 382.1 | 386.4 | 378.1 | 329.2 | 299.2 | 370.6 | 387.3 | 382.7 |
| 55° | 337.6 | 376.6 | 413.5 | 414.9 | 403.1 | 344.5 | 312.9 | 387.0 | 411.3 | 411.1 |
| 57.5° | 365.7 | 402.0 | 439.9 | 438.2 | 421.6 | 365.7 | 335.0 | 411.5 | 438.0 | 441.7 |
| 60° | 396.3 | 428.8 | 461.2 | 460.3 | 442.6 | 390.2 | 365.3 | 447.8 | 461.3 | 462.3 |
| 62.5° | 425.5 | 453.6 | 481.8 | 477.2 | 457.3 | 415.5 | 407.3 | 486.4 | 476.6 | 469.4 |
| 64° | 444.6 | 462.0 | 487.1 | 479.8 | 460.8 | 427.6 | 431.5 | 499.0 | 480.9 | 469.0 |
| 65° | 457.3 | 464.0 | 485.9 | 477.1 | 459.6 | 432.1 | 449.9 | 504.2 | 481.6 | 466.5 |
| 67.5° | 480.0 | 452.3 | 454.0 | 447.0 | 431.3 | 427.9 | 479.9 | 501.3 | 473.4 | 450.7 |
| 70° | 473.7 | 405.3 | 383.2 | 378.8 | 360.1 | 379.3 | 476.1 | 474.1 | 442.4 | 414.8 |
| 72.5° | 419.7 | 325.4 | 293.7 | 289.7 | 263.7 | 287.5 | 410.9 | 403.8 | 356.0 | 333.1 |
| 75° | 345.8 | 246.6 | 209.8 | 213.1 | 193.3 | 215.2 | 326.8 | 276.7 | 237.0 | 223.4 |
| 77.5° | 268.4 | 174.3 | 144.9 | 141.0 | 137.0 | 139.3 | 224.7 | 166.1 | 138.5 | 125.9 |
| 80° | 171.1 | 109.5 | 108.7 | 99.4 | 96.1 | 81.0 | 115.4 | 88.4 | 69.6 | 65.8 |
| 82.5° | 90.9 | 63.1 | 71.7 | 57.5 | 46.2 | 33.2 | 39.1 | 26.3 | 22.2 | 23.3 |
| 85° | 24.9 | 13.1 | 3.6 | 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)