

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: P400810

Luminaire Tested: **ENV-SA1-750-U-SLR-XXB**

Issue Date: 5/20/2020

Test Information

Test Method: LM-79-08
Report Number: P400810
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: ENV-SA1-750-U-SLR-XXB
Description: ENTRI LED LUMINAIRE
(1) 70 CRI, 5000K 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: 682 lumens
Efficiency: N/A
Efficacy: 52.5 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

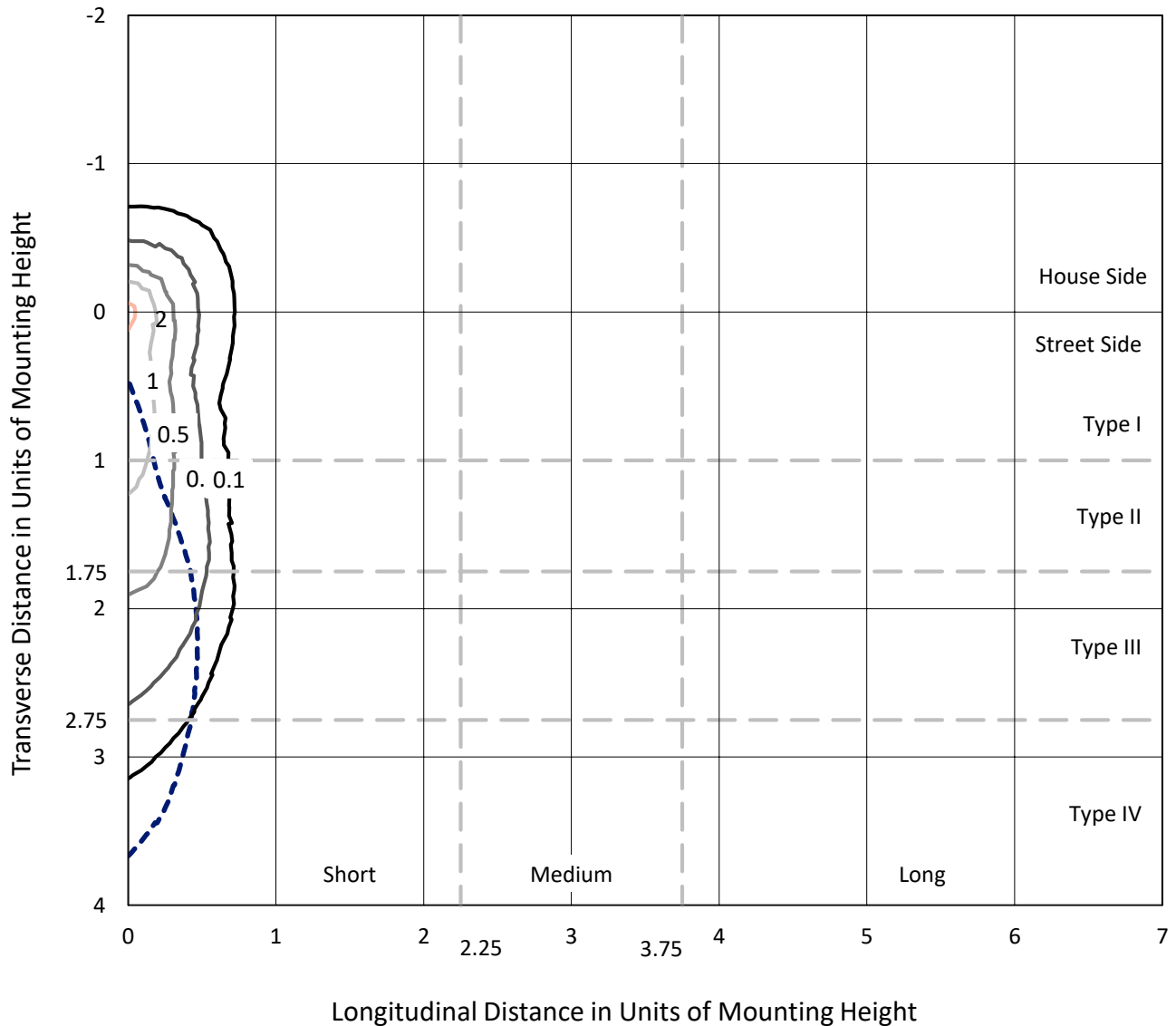


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

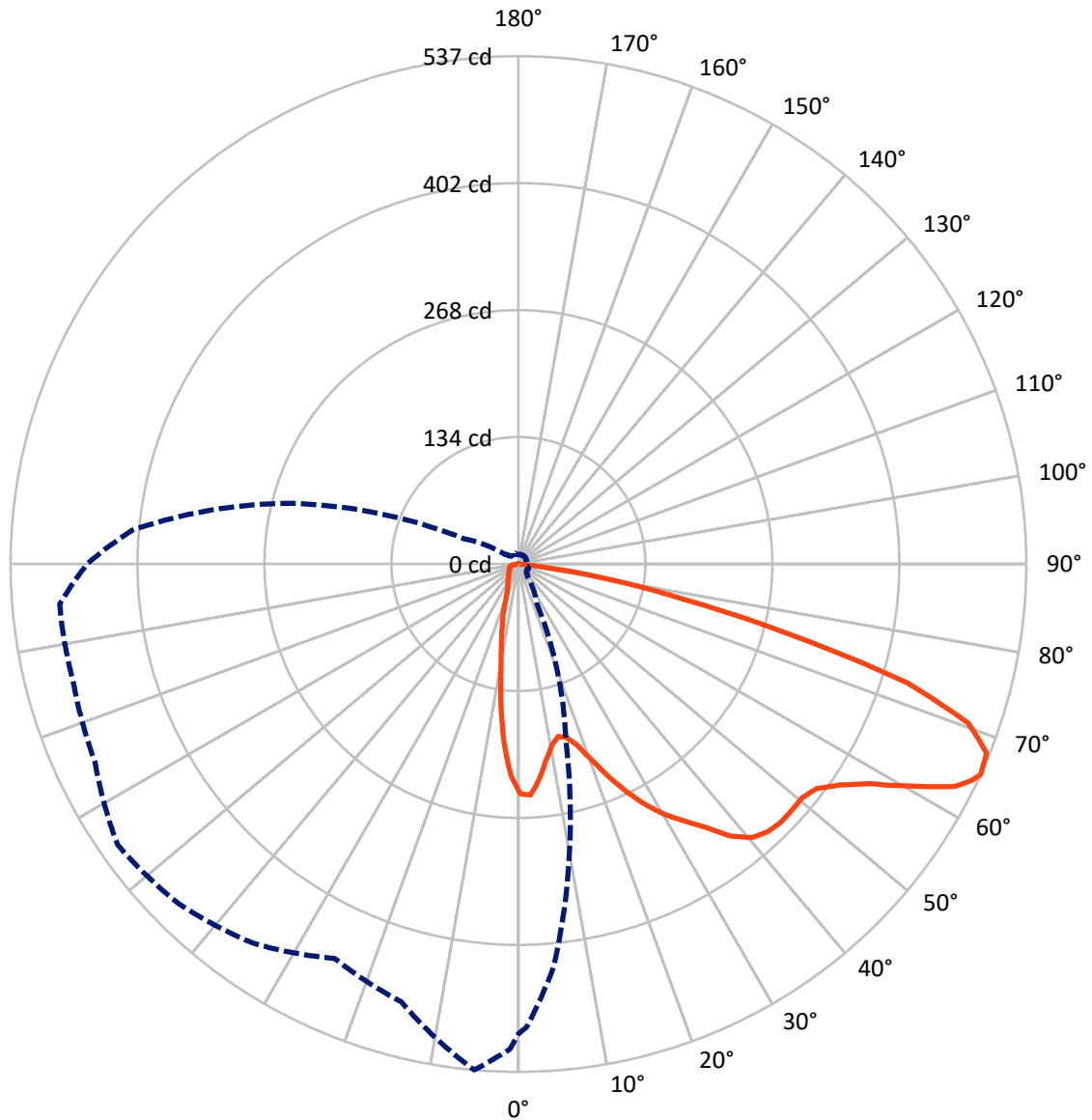


Based on 10 foot mounting height. Maximum calculated value = 2.4 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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

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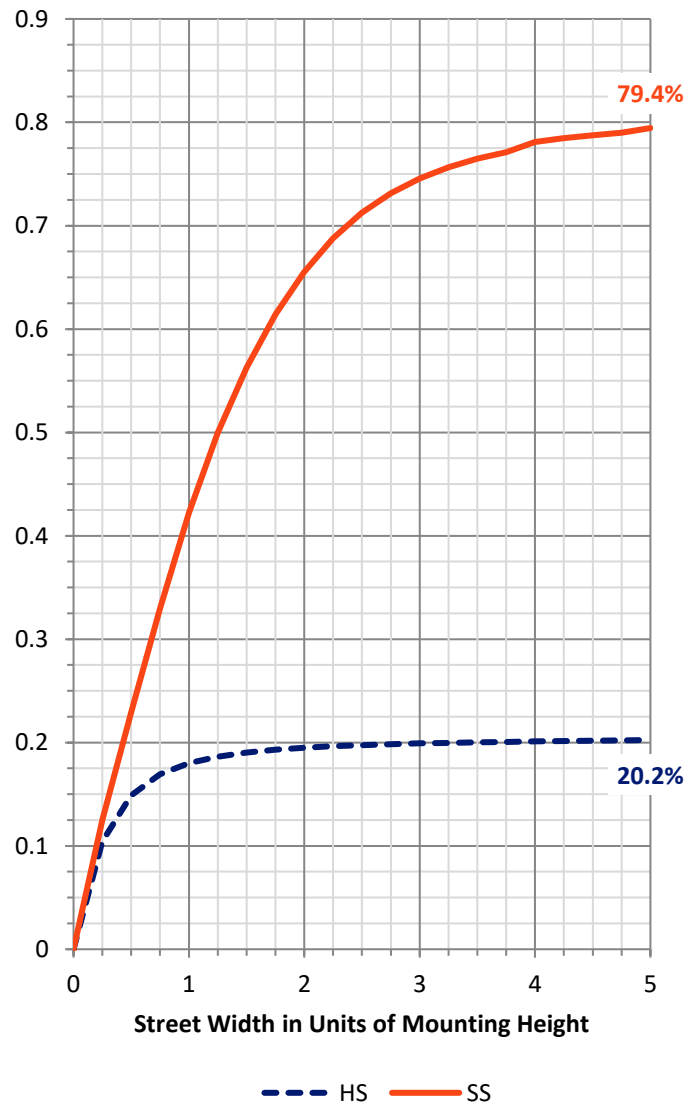
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|-------|
| House Side | Lumens | 139.9 | 0.0 | 139.9 |
| | % Fixture | 20.5 | 0.0 | 20.5 |
| Street Side | Lumens | 542.1 | 0.0 | 542.1 |
| | % Fixture | 79.5 | 0.0 | 79.5 |
| Total | Lumens | 682.0 | 0.0 | 682.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 18.5 | 2.7 |
| 10°-20° | 36.9 | 5.4 |
| 20°-30° | 51.1 | 7.5 |
| 30°-40° | 71.5 | 10.5 |
| 40°-50° | 97.3 | 14.3 |
| 50°-60° | 133.0 | 19.5 |
| 60°-70° | 162.6 | 23.8 |
| 70°-80° | 98.2 | 14.4 |
| 80°-90° | 12.9 | 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° | 682.0 | 100.0 |
| 0°-180° | 682.0 | 100.0 |



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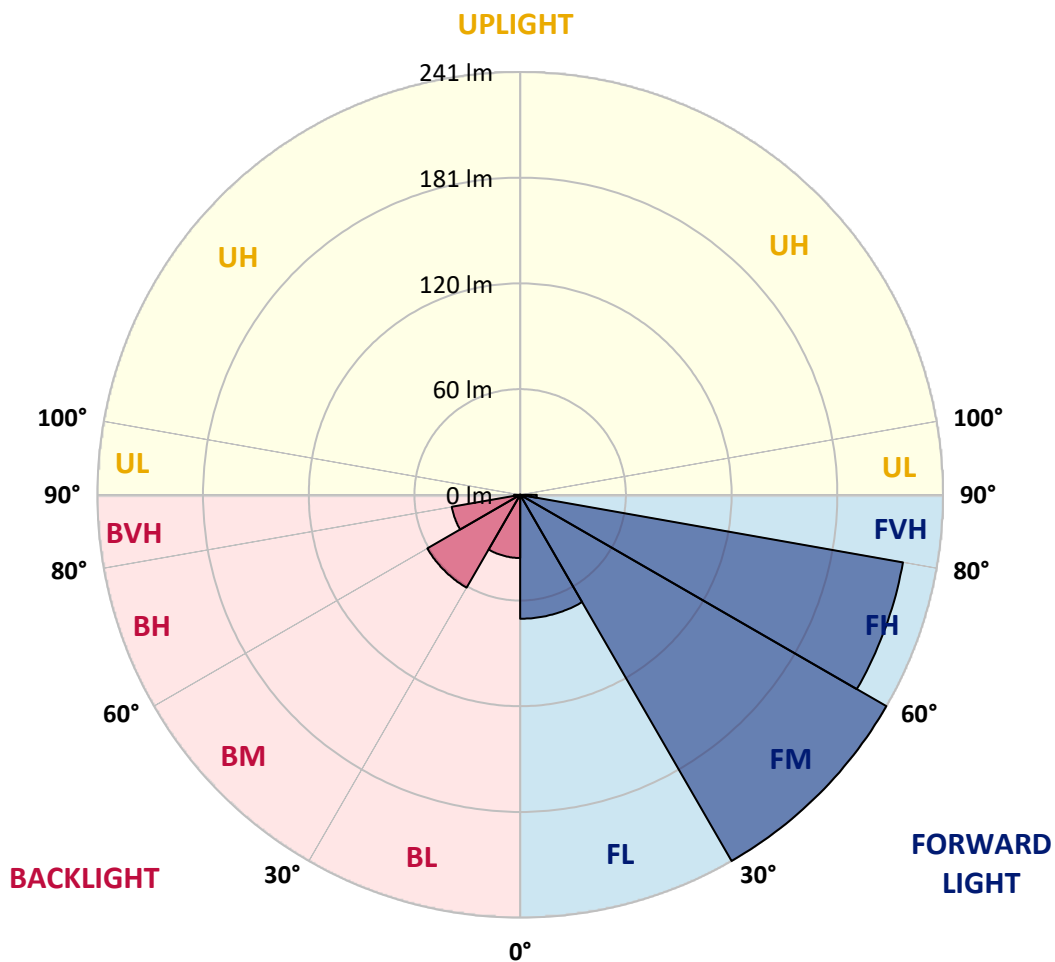
CATALOG NUMBER: ENV-SA1-750-U-SLR-XXB

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|--------|
| | | | | B | U | G |
| FL | (0°-30°) | 70.6 | 10.3 | | | |
| FM | (30°-60°) | 240.7 | 35.3 | | | |
| FH | (60°-80°) | 221.3 | 32.4 | | | G0/660 |
| FVH | (80°-90°) | 9.5 | 1.4 | | | G0/10 |
| BL | (0°-30°) | 36.0 | 5.3 | B0/110 | | |
| BM | (30°-60°) | 61.0 | 8.9 | B0/220 | | |
| BH | (60°-80°) | 39.5 | 5.8 | B0/110 | | G0/110 |
| BVH | (80°-90°) | 3.5 | 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





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CATALOG NUMBER: ENV-SA1-750-U-SLR-XXB

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 242.7 | 242.7 | 242.7 | 242.7 | 242.7 | 242.7 | 242.7 | 242.7 | 242.7 | 242.7 | 242.7 |
| 2.5° | 242.1 | 241.4 | 239.7 | 235.2 | 230.3 | 224.4 | 223.4 | 217.1 | 217.8 | 216.0 | 216.5 |
| 5° | 221.1 | 220.2 | 215.5 | 206.4 | 194.0 | 186.8 | 181.2 | 177.9 | 175.2 | 173.8 | 175.5 |
| 7.5° | 200.7 | 199.5 | 193.9 | 177.8 | 164.0 | 152.6 | 143.5 | 137.9 | 132.4 | 128.1 | 126.0 |
| 10° | 184.2 | 183.7 | 176.3 | 158.2 | 140.8 | 126.9 | 121.0 | 115.1 | 110.4 | 104.2 | 99.2 |
| 12.5° | 175.9 | 174.5 | 165.7 | 144.6 | 127.7 | 119.2 | 113.6 | 106.1 | 99.7 | 92.1 | 85.6 |
| 15° | 176.2 | 174.6 | 163.7 | 141.5 | 123.2 | 112.8 | 104.2 | 95.2 | 85.9 | 78.2 | 71.6 |
| 17.5° | 186.0 | 184.9 | 171.5 | 144.4 | 119.3 | 104.9 | 91.6 | 79.9 | 69.7 | 60.1 | 54.2 |
| 20° | 202.5 | 200.8 | 182.4 | 147.8 | 114.4 | 95.9 | 77.8 | 61.8 | 50.8 | 42.3 | 37.6 |
| 22.5° | 224.1 | 220.9 | 197.8 | 152.0 | 109.5 | 85.6 | 62.8 | 45.0 | 35.2 | 31.0 | 29.8 |
| 25° | 247.1 | 244.6 | 216.3 | 157.4 | 104.2 | 74.5 | 46.5 | 32.7 | 29.3 | 27.6 | 26.7 |
| 27.5° | 268.4 | 264.2 | 236.3 | 163.3 | 97.3 | 63.3 | 35.4 | 28.2 | 25.9 | 25.1 | 24.5 |
| 30° | 283.5 | 280.0 | 250.1 | 170.2 | 91.2 | 51.7 | 30.2 | 25.5 | 23.7 | 22.5 | 22.2 |
| 32.5° | 298.0 | 293.0 | 260.1 | 173.4 | 86.2 | 45.4 | 27.9 | 23.7 | 22.0 | 20.8 | 20.3 |
| 35° | 315.1 | 310.1 | 271.7 | 173.8 | 82.5 | 42.8 | 25.8 | 22.4 | 20.5 | 19.4 | 18.8 |
| 37.5° | 335.3 | 328.5 | 284.7 | 174.1 | 78.7 | 41.7 | 23.9 | 21.2 | 19.4 | 18.1 | 17.7 |
| 40° | 354.5 | 349.2 | 298.0 | 173.6 | 76.2 | 40.3 | 22.8 | 20.0 | 18.2 | 17.1 | 16.5 |
| 42.5° | 368.9 | 363.4 | 309.4 | 171.9 | 74.7 | 37.7 | 23.3 | 19.0 | 17.4 | 16.2 | 15.5 |
| 45° | 376.4 | 371.3 | 319.8 | 170.3 | 73.9 | 35.6 | 22.8 | 18.7 | 16.9 | 15.4 | 14.7 |
| 47.5° | 381.9 | 377.0 | 330.4 | 169.6 | 72.5 | 34.0 | 21.0 | 20.0 | 16.3 | 14.6 | 13.9 |
| 50° | 391.0 | 386.7 | 344.8 | 173.5 | 70.4 | 33.0 | 19.3 | 21.3 | 16.1 | 13.9 | 13.1 |
| 52.5° | 407.1 | 404.4 | 368.5 | 182.5 | 68.1 | 31.2 | 17.6 | 20.4 | 16.3 | 13.5 | 12.5 |
| 55° | 437.4 | 435.7 | 401.1 | 194.3 | 65.9 | 29.1 | 15.7 | 18.5 | 16.2 | 12.7 | 12.0 |
| 57.5° | 470.0 | 469.5 | 440.7 | 204.7 | 62.7 | 25.4 | 14.6 | 15.6 | 15.4 | 12.0 | 11.2 |
| 60° | 491.9 | 490.4 | 458.9 | 210.5 | 58.6 | 21.0 | 13.7 | 13.2 | 15.7 | 11.3 | 10.4 |
| 62.5° | 499.4 | 494.5 | 453.4 | 208.4 | 52.5 | 18.1 | 12.7 | 12.1 | 14.6 | 10.6 | 9.6 |
| 64° | 499.0 | 491.8 | 439.2 | 200.2 | 48.5 | 17.6 | 12.1 | 11.3 | 12.9 | 10.2 | 9.2 |
| 65° | 496.3 | 489.5 | 427.3 | 193.8 | 46.3 | 17.6 | 11.7 | 10.9 | 11.7 | 9.9 | 9.0 |
| 67.5° | 479.6 | 470.6 | 386.8 | 164.1 | 40.7 | 17.8 | 10.9 | 10.0 | 9.8 | 9.1 | 8.4 |
| 70° | 441.4 | 429.6 | 331.3 | 129.1 | 37.7 | 17.9 | 10.0 | 9.1 | 8.8 | 8.3 | 7.8 |
| 72.5° | 354.5 | 338.7 | 263.7 | 92.3 | 34.7 | 17.6 | 9.1 | 8.3 | 8.0 | 7.5 | 7.0 |
| 75° | 237.7 | 220.5 | 194.3 | 60.8 | 28.4 | 15.7 | 7.9 | 7.2 | 7.1 | 6.6 | 6.2 |
| 77.5° | 134.0 | 126.8 | 114.7 | 33.4 | 19.6 | 10.8 | 6.3 | 5.8 | 5.9 | 5.7 | 5.2 |
| 80° | 70.0 | 66.7 | 61.4 | 16.2 | 9.5 | 5.2 | 4.0 | 4.0 | 4.6 | 4.6 | 4.3 |
| 82.5° | 24.7 | 24.9 | 24.1 | 3.6 | 1.9 | 1.6 | 1.4 | 1.9 | 2.6 | 3.2 | 3.2 |
| 85° | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.5 | 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 |



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CATALOG NUMBER: ENV-SA1-750-U-SLR-XXB

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 242.7 | 242.7 | 242.7 | 242.7 | 242.7 | 242.7 | 242.7 | 242.7 | 242.7 | 242.7 | 242.7 |
| 2.5° | 212.6 | 213.3 | 215.1 | 214.7 | 216.6 | 215.8 | 218.2 | 219.4 | 220.1 | 223.6 | 225.4 |
| 5° | 174.1 | 174.4 | 180.9 | 182.2 | 185.7 | 183.8 | 188.1 | 186.5 | 189.9 | 190.3 | 196.0 |
| 7.5° | 128.0 | 128.4 | 131.6 | 139.1 | 146.5 | 149.6 | 150.9 | 152.8 | 151.2 | 150.7 | 151.5 |
| 10° | 97.3 | 97.6 | 98.0 | 103.3 | 109.8 | 116.3 | 116.3 | 116.4 | 113.6 | 110.7 | 110.2 |
| 12.5° | 83.1 | 81.0 | 77.6 | 77.7 | 82.2 | 85.3 | 87.7 | 85.2 | 84.7 | 86.1 | 87.6 |
| 15° | 68.4 | 66.3 | 64.0 | 61.2 | 61.4 | 63.5 | 64.8 | 64.7 | 66.9 | 68.0 | 71.1 |
| 17.5° | 53.1 | 50.1 | 50.2 | 48.6 | 46.4 | 47.8 | 48.1 | 50.2 | 53.1 | 54.5 | 55.1 |
| 20° | 35.7 | 35.7 | 36.6 | 38.5 | 37.5 | 38.4 | 38.5 | 40.1 | 41.5 | 40.7 | 41.5 |
| 22.5° | 29.5 | 29.4 | 29.8 | 31.0 | 32.0 | 32.8 | 33.1 | 33.0 | 31.6 | 31.0 | 32.2 |
| 25° | 26.8 | 26.7 | 26.8 | 27.5 | 28.6 | 29.7 | 29.2 | 28.5 | 26.9 | 26.8 | 27.0 |
| 27.5° | 24.5 | 24.6 | 24.9 | 25.3 | 26.0 | 27.3 | 26.8 | 25.4 | 24.6 | 24.4 | 24.4 |
| 30° | 22.6 | 22.6 | 23.0 | 23.5 | 24.3 | 25.4 | 24.6 | 23.5 | 22.7 | 22.5 | 22.4 |
| 32.5° | 20.6 | 21.0 | 21.3 | 21.8 | 22.5 | 23.6 | 22.9 | 21.9 | 21.1 | 20.6 | 20.3 |
| 35° | 18.7 | 18.9 | 19.6 | 20.3 | 20.9 | 21.8 | 21.3 | 20.4 | 19.6 | 18.6 | 18.1 |
| 37.5° | 17.6 | 17.6 | 17.9 | 18.9 | 19.4 | 20.1 | 19.8 | 19.0 | 17.8 | 17.0 | 16.9 |
| 40° | 16.5 | 16.5 | 16.7 | 17.2 | 18.0 | 18.8 | 18.4 | 17.1 | 16.3 | 16.0 | 15.9 |
| 42.5° | 15.5 | 15.5 | 15.6 | 15.6 | 16.7 | 18.0 | 16.9 | 15.6 | 15.3 | 15.1 | 14.9 |
| 45° | 14.6 | 14.6 | 14.6 | 14.5 | 15.1 | 16.8 | 15.5 | 14.5 | 14.3 | 14.3 | 14.1 |
| 47.5° | 13.9 | 13.8 | 13.7 | 13.5 | 13.8 | 15.2 | 14.1 | 13.6 | 13.5 | 13.6 | 13.5 |
| 50° | 13.0 | 12.9 | 12.8 | 12.7 | 12.9 | 13.5 | 13.2 | 12.7 | 12.8 | 12.8 | 12.9 |
| 52.5° | 12.2 | 12.1 | 12.0 | 11.9 | 12.1 | 12.5 | 12.5 | 12.1 | 12.1 | 12.2 | 12.3 |
| 55° | 11.7 | 11.5 | 11.4 | 11.4 | 11.5 | 12.1 | 12.0 | 11.6 | 11.6 | 11.9 | 12.0 |
| 57.5° | 11.1 | 10.8 | 10.8 | 10.7 | 10.9 | 11.6 | 11.5 | 11.2 | 11.2 | 11.3 | 11.5 |
| 60° | 10.4 | 10.3 | 10.2 | 10.4 | 10.5 | 11.2 | 11.1 | 10.8 | 10.7 | 11.1 | 11.1 |
| 62.5° | 9.6 | 9.6 | 9.6 | 9.8 | 9.9 | 10.7 | 10.6 | 10.5 | 10.5 | 10.6 | 10.5 |
| 64° | 9.1 | 9.1 | 9.2 | 9.4 | 9.6 | 10.3 | 10.3 | 10.3 | 10.3 | 10.3 | 10.2 |
| 65° | 8.9 | 8.9 | 9.1 | 9.2 | 9.4 | 10.2 | 10.0 | 10.2 | 10.3 | 10.2 | 9.9 |
| 67.5° | 8.3 | 8.3 | 8.7 | 8.7 | 8.8 | 9.7 | 9.6 | 9.8 | 10.0 | 9.8 | 9.6 |
| 70° | 7.6 | 7.8 | 8.1 | 8.0 | 8.2 | 9.2 | 8.9 | 9.4 | 9.8 | 9.5 | 9.2 |
| 72.5° | 7.0 | 7.1 | 7.5 | 7.3 | 7.4 | 8.7 | 8.2 | 8.7 | 9.4 | 9.1 | 8.9 |
| 75° | 6.3 | 6.4 | 6.7 | 6.6 | 6.8 | 8.0 | 7.5 | 8.0 | 8.7 | 8.7 | 8.6 |
| 77.5° | 5.4 | 5.6 | 5.8 | 5.7 | 6.2 | 7.2 | 6.7 | 7.1 | 7.6 | 8.1 | 7.9 |
| 80° | 4.3 | 4.7 | 4.8 | 4.9 | 5.4 | 6.2 | 5.8 | 5.9 | 6.5 | 6.8 | 7.0 |
| 82.5° | 3.0 | 3.5 | 3.8 | 3.9 | 4.6 | 4.8 | 4.9 | 4.8 | 5.1 | 5.6 | 5.2 |
| 85° | 0.9 | 1.1 | 2.2 | 2.7 | 3.4 | 3.4 | 4.0 | 3.8 | 4.0 | 3.5 | 3.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.8 | 2.1 | 2.1 | 2.9 | 2.6 | 2.7 | 2.1 | 1.8 |
| 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: ENV-SA1-750-U-SLR-XXB

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 242.7 | 242.7 | 242.7 | 242.7 | 242.7 | 242.7 | 242.7 | 242.7 | 242.7 | 242.7 | 242.7 |
| 2.5° | 225.7 | 227.6 | 232.0 | 237.0 | 239.7 | 245.7 | 249.3 | 253.2 | 257.1 | 257.9 | 259.1 |
| 5° | 197.2 | 199.5 | 204.4 | 211.1 | 217.8 | 225.7 | 234.8 | 244.5 | 255.2 | 259.8 | 264.2 |
| 7.5° | 153.6 | 154.1 | 161.0 | 173.2 | 179.2 | 190.3 | 203.3 | 218.3 | 234.8 | 243.4 | 252.5 |
| 10° | 113.5 | 118.2 | 123.4 | 133.5 | 148.5 | 161.4 | 177.5 | 194.9 | 212.1 | 224.6 | 234.0 |
| 12.5° | 89.2 | 95.1 | 103.8 | 115.0 | 126.2 | 138.5 | 157.0 | 175.7 | 197.0 | 208.1 | 219.8 |
| 15° | 73.4 | 81.0 | 92.3 | 104.0 | 114.5 | 125.3 | 141.9 | 164.8 | 191.9 | 203.3 | 213.7 |
| 17.5° | 58.2 | 66.5 | 78.6 | 90.9 | 103.4 | 116.7 | 135.8 | 164.2 | 197.3 | 210.5 | 221.3 |
| 20° | 44.6 | 51.1 | 61.2 | 73.7 | 88.4 | 106.5 | 131.0 | 168.6 | 213.2 | 229.7 | 236.8 |
| 22.5° | 33.1 | 36.8 | 44.8 | 57.8 | 75.2 | 97.5 | 126.2 | 174.7 | 232.8 | 252.2 | 257.5 |
| 25° | 27.4 | 28.4 | 32.0 | 43.3 | 61.2 | 87.4 | 122.6 | 182.7 | 252.4 | 274.2 | 278.0 |
| 27.5° | 24.6 | 25.2 | 26.9 | 31.1 | 47.9 | 79.0 | 117.8 | 191.9 | 273.0 | 296.0 | 295.6 |
| 30° | 22.2 | 22.4 | 23.4 | 26.3 | 38.9 | 71.6 | 112.2 | 202.2 | 291.4 | 311.6 | 310.5 |
| 32.5° | 20.1 | 20.1 | 21.4 | 23.7 | 33.2 | 64.9 | 105.5 | 209.6 | 307.4 | 324.3 | 321.0 |
| 35° | 18.1 | 18.5 | 19.7 | 22.0 | 29.4 | 57.4 | 99.2 | 212.4 | 321.0 | 339.7 | 330.4 |
| 37.5° | 16.8 | 17.2 | 18.5 | 20.6 | 26.2 | 51.8 | 94.1 | 215.5 | 337.9 | 358.3 | 340.9 |
| 40° | 15.9 | 16.2 | 17.3 | 19.2 | 23.7 | 47.1 | 88.5 | 217.7 | 354.7 | 378.2 | 351.9 |
| 42.5° | 14.9 | 15.3 | 16.4 | 18.1 | 22.6 | 41.6 | 83.1 | 219.0 | 372.1 | 395.4 | 361.2 |
| 45° | 14.1 | 14.6 | 15.7 | 17.3 | 22.7 | 36.7 | 78.7 | 218.5 | 382.6 | 407.8 | 368.4 |
| 47.5° | 13.6 | 14.0 | 15.3 | 17.3 | 22.0 | 33.9 | 74.9 | 216.9 | 390.4 | 415.9 | 371.7 |
| 50° | 13.0 | 13.5 | 14.9 | 19.2 | 20.9 | 33.1 | 72.1 | 216.7 | 398.5 | 417.5 | 371.7 |
| 52.5° | 12.4 | 13.2 | 15.1 | 19.3 | 19.2 | 32.7 | 69.8 | 222.7 | 409.7 | 420.3 | 375.0 |
| 55° | 12.1 | 12.8 | 15.5 | 17.8 | 16.8 | 31.6 | 68.4 | 231.1 | 428.5 | 435.3 | 391.6 |
| 57.5° | 11.6 | 12.2 | 15.3 | 16.7 | 14.9 | 29.0 | 67.3 | 239.0 | 453.2 | 463.3 | 424.8 |
| 60° | 11.1 | 11.7 | 14.8 | 14.3 | 13.6 | 24.6 | 66.6 | 245.7 | 462.5 | 481.3 | 460.5 |
| 62.5° | 10.5 | 11.3 | 16.2 | 12.4 | 12.5 | 20.5 | 65.3 | 252.0 | 443.0 | 476.9 | 483.4 |
| 64° | 10.2 | 10.9 | 15.1 | 11.6 | 12.0 | 18.7 | 64.1 | 252.4 | 425.7 | 466.7 | 487.8 |
| 65° | 9.9 | 10.6 | 14.0 | 11.2 | 11.5 | 18.2 | 63.0 | 247.6 | 409.5 | 455.7 | 486.5 |
| 67.5° | 9.6 | 10.0 | 10.8 | 10.4 | 10.7 | 17.4 | 55.2 | 226.5 | 375.1 | 427.6 | 467.0 |
| 70° | 9.1 | 9.5 | 9.6 | 9.5 | 10.0 | 16.9 | 46.6 | 196.5 | 337.5 | 398.0 | 436.7 |
| 72.5° | 8.7 | 8.7 | 8.7 | 8.6 | 9.2 | 16.1 | 42.0 | 158.8 | 291.6 | 359.2 | 398.9 |
| 75° | 8.3 | 8.0 | 7.9 | 7.6 | 8.4 | 15.6 | 37.9 | 119.2 | 225.4 | 299.3 | 334.3 |
| 77.5° | 7.6 | 7.3 | 7.0 | 6.7 | 7.5 | 13.9 | 31.6 | 84.2 | 166.2 | 217.7 | 258.0 |
| 80° | 6.6 | 6.4 | 5.9 | 5.6 | 6.3 | 10.9 | 23.9 | 52.0 | 121.6 | 147.0 | 169.2 |
| 82.5° | 5.4 | 5.2 | 4.8 | 4.3 | 4.6 | 7.9 | 16.3 | 26.5 | 81.1 | 79.8 | 94.5 |
| 85° | 3.3 | 4.1 | 3.5 | 2.9 | 3.1 | 4.6 | 6.6 | 8.4 | 24.9 | 14.9 | 23.2 |
| 87.5° | 1.9 | 2.6 | 2.2 | 1.5 | 1.1 | 2.1 | 1.8 | 1.7 | 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: ENV-SA1-750-U-SLR-XXB

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 242.7 | 242.7 | 242.7 | 242.7 | 242.7 | 242.7 | 242.7 | 242.7 | 242.7 | 242.7 |
| 2.5° | 262.1 | 263.6 | 264.4 | 261.4 | 258.2 | 255.4 | 249.9 | 244.4 | 241.6 | 242.1 |
| 5° | 272.8 | 275.3 | 276.0 | 271.7 | 262.6 | 253.4 | 240.1 | 228.5 | 221.6 | 221.1 |
| 7.5° | 268.7 | 276.9 | 278.3 | 273.6 | 260.7 | 243.5 | 225.4 | 209.3 | 202.3 | 200.7 |
| 10° | 254.1 | 266.6 | 270.7 | 269.1 | 256.6 | 236.9 | 214.9 | 194.4 | 187.5 | 184.2 |
| 12.5° | 239.2 | 252.3 | 254.8 | 256.4 | 248.7 | 232.1 | 207.9 | 186.9 | 178.6 | 175.9 |
| 15° | 229.3 | 238.4 | 239.0 | 240.5 | 238.9 | 229.8 | 211.1 | 190.0 | 180.0 | 176.2 |
| 17.5° | 228.0 | 224.8 | 222.6 | 225.7 | 227.6 | 229.9 | 219.4 | 201.5 | 190.8 | 186.0 |
| 20° | 228.2 | 218.3 | 212.1 | 211.9 | 220.2 | 232.9 | 236.3 | 220.9 | 207.0 | 202.5 |
| 22.5° | 236.5 | 214.9 | 204.6 | 203.3 | 213.5 | 237.9 | 253.5 | 243.9 | 230.0 | 224.1 |
| 25° | 249.0 | 212.8 | 199.2 | 199.6 | 209.7 | 241.2 | 268.2 | 267.0 | 254.8 | 247.1 |
| 27.5° | 260.9 | 216.2 | 198.6 | 199.5 | 211.0 | 243.4 | 280.4 | 288.7 | 275.0 | 268.4 |
| 30° | 270.5 | 223.9 | 200.6 | 201.4 | 214.9 | 246.3 | 286.5 | 307.9 | 291.4 | 283.5 |
| 32.5° | 278.8 | 231.1 | 203.7 | 204.3 | 221.0 | 250.6 | 292.2 | 324.1 | 307.4 | 298.0 |
| 35° | 286.4 | 237.2 | 208.4 | 210.3 | 228.9 | 256.6 | 298.0 | 341.7 | 326.9 | 315.1 |
| 37.5° | 293.0 | 244.7 | 217.6 | 220.8 | 240.4 | 265.4 | 305.5 | 364.8 | 348.6 | 335.3 |
| 40° | 296.7 | 251.5 | 231.3 | 236.1 | 255.4 | 276.8 | 315.1 | 379.9 | 369.5 | 354.5 |
| 42.5° | 299.6 | 260.7 | 253.3 | 262.0 | 278.5 | 287.5 | 319.7 | 386.6 | 381.8 | 368.9 |
| 45° | 301.1 | 279.0 | 286.4 | 294.5 | 304.6 | 299.3 | 317.2 | 388.9 | 387.4 | 376.4 |
| 47.5° | 307.8 | 306.4 | 324.7 | 335.9 | 335.3 | 316.9 | 312.4 | 388.7 | 391.1 | 381.9 |
| 50° | 321.5 | 338.5 | 364.0 | 375.0 | 370.8 | 333.5 | 311.5 | 388.3 | 398.4 | 391.0 |
| 52.5° | 337.8 | 370.5 | 406.6 | 411.1 | 402.2 | 350.2 | 318.3 | 394.3 | 412.0 | 407.1 |
| 55° | 359.2 | 400.6 | 440.0 | 441.5 | 428.9 | 366.5 | 332.9 | 411.7 | 437.6 | 437.4 |
| 57.5° | 389.1 | 427.7 | 468.0 | 466.2 | 448.5 | 389.1 | 356.4 | 437.8 | 466.0 | 470.0 |
| 60° | 421.6 | 456.2 | 490.7 | 489.7 | 470.9 | 415.1 | 388.7 | 476.5 | 490.9 | 491.9 |
| 62.5° | 452.8 | 482.6 | 512.6 | 507.7 | 486.5 | 442.0 | 433.4 | 517.5 | 507.1 | 499.4 |
| 64° | 473.1 | 491.5 | 518.2 | 510.5 | 490.3 | 454.9 | 459.2 | 530.9 | 511.6 | 499.0 |
| 65° | 486.5 | 493.7 | 517.0 | 507.6 | 489.0 | 459.7 | 478.7 | 536.5 | 512.4 | 496.3 |
| 67.5° | 510.7 | 481.3 | 483.0 | 475.6 | 458.9 | 455.3 | 510.6 | 533.4 | 503.6 | 479.6 |
| 70° | 504.0 | 431.2 | 407.7 | 403.0 | 383.1 | 403.6 | 506.6 | 504.4 | 470.7 | 441.4 |
| 72.5° | 446.5 | 346.2 | 312.5 | 308.3 | 280.6 | 305.9 | 437.1 | 429.6 | 378.7 | 354.5 |
| 75° | 367.9 | 262.4 | 223.2 | 226.7 | 205.6 | 229.0 | 347.7 | 294.4 | 252.2 | 237.7 |
| 77.5° | 285.6 | 185.4 | 154.2 | 150.0 | 145.8 | 148.3 | 239.0 | 176.8 | 147.3 | 134.0 |
| 80° | 182.0 | 116.6 | 115.6 | 105.7 | 102.3 | 86.2 | 122.8 | 94.1 | 74.0 | 70.0 |
| 82.5° | 96.7 | 67.2 | 76.3 | 61.1 | 49.2 | 35.4 | 41.6 | 27.9 | 23.6 | 24.7 |
| 85° | 26.5 | 13.9 | 3.9 | 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)