

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: P400717

Luminaire Tested: **ENT-SA1-727-U-SLL-HSS-XXB**

Issue Date: 5/20/2020

Test Information

Test Method: LM-79-08
Report Number: P400717
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2004-754-8)
Test Lab: INNOVATION CENTER
Issue Date: 5/20/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ENT-SA1-727-U-SLL-HSS-XXB
Description: ENTRI LED LUMINAIRE
(1) 70 CRI, 2700K LIGHTSQUARE IN BATTERY OPERATION WITH 16 LEDS AND SPILL LIGHT ELIMINATOR LEFT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 485 lumens
Efficiency: N/A
Efficacy: 37.3 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short - Semi-Cutoff
BUG Rating: B0 - U0 - G0

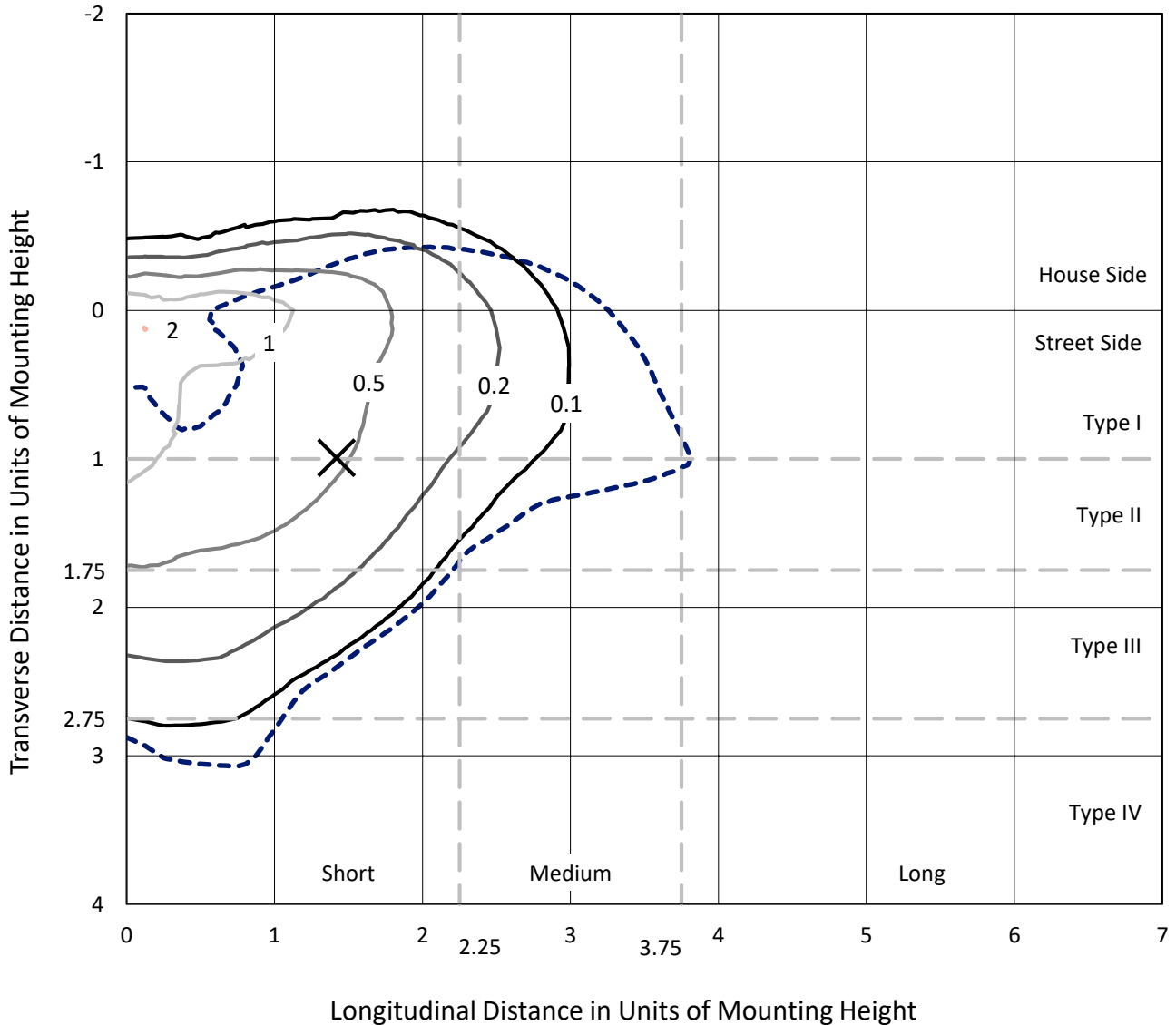
Input Watts (W): 13
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

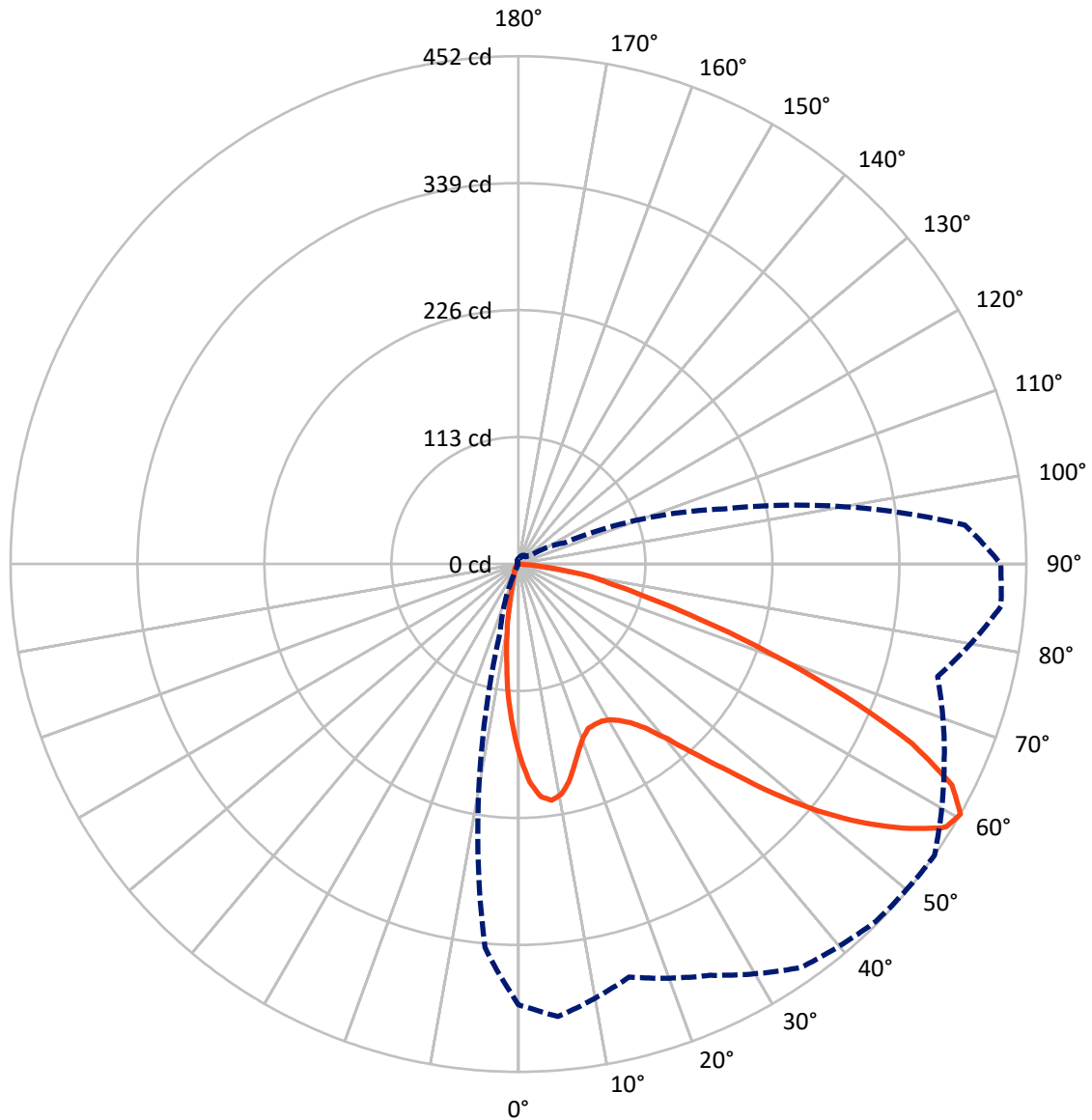
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 2 fc
 Type III - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 55-Deg Lateral - - - Horizontal Cone Through 60-Deg Vertical

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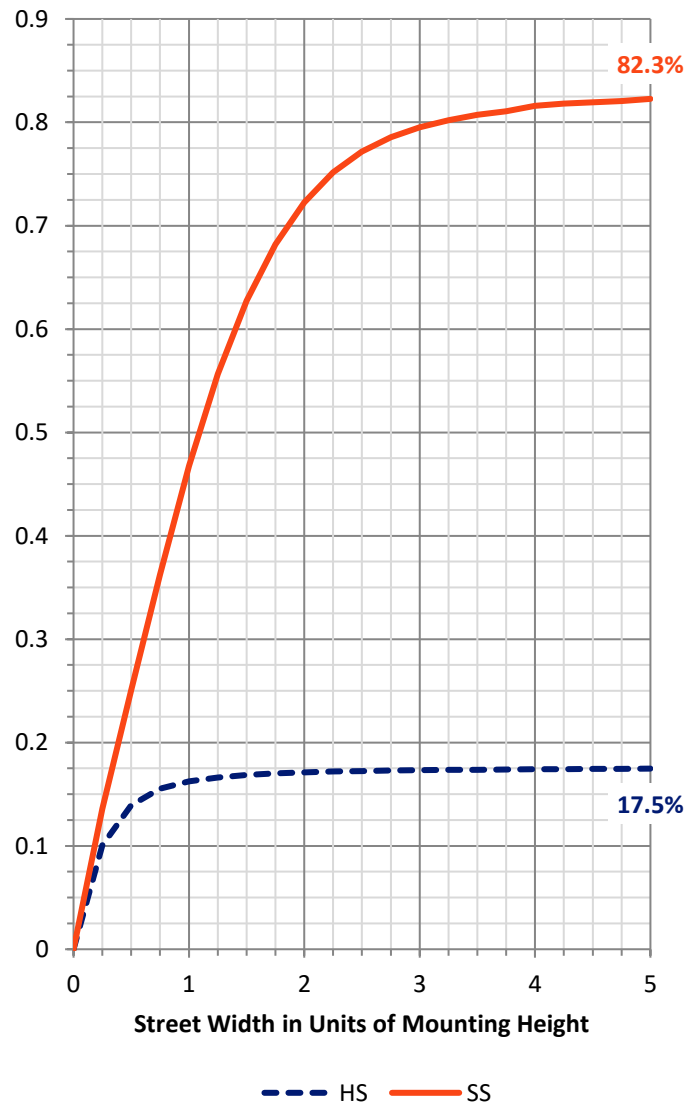
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|-------|
| House Side | Lumens | 85.9 | 0.0 | 85.9 |
| | % Fixture | 17.7 | 0.0 | 17.7 |
| Street Side | Lumens | 399.1 | 0.0 | 399.1 |
| | % Fixture | 82.3 | 0.0 | 82.3 |
| Total | Lumens | 485.0 | 0.0 | 485.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 12.9 | 2.7 |
| 10°-20° | 24.5 | 5.1 |
| 20°-30° | 35.0 | 7.2 |
| 30°-40° | 51.3 | 10.6 |
| 40°-50° | 75.6 | 15.6 |
| 50°-60° | 112.0 | 23.1 |
| 60°-70° | 119.4 | 24.6 |
| 70°-80° | 49.5 | 10.2 |
| 80°-90° | 4.8 | 1.0 |
| 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° | 485.0 | 100.0 |
| 0°-180° | 485.0 | 100.0 |



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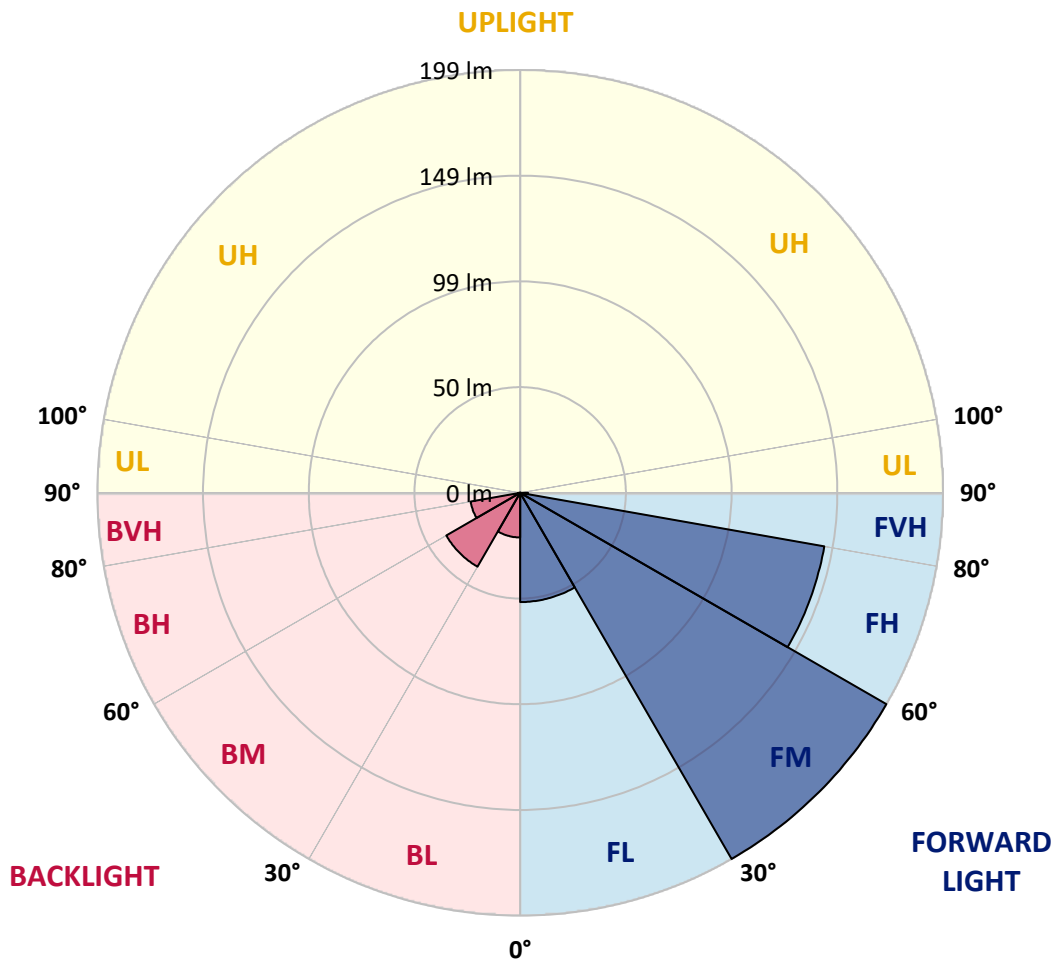
CATALOG NUMBER: ENT-SA1-727-U-SLL-HSS-XXB

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|--------|
| | | | | B | U | G |
| FL | (0°-30°) | 51.4 | 10.6 | | | |
| FM | (30°-60°) | 198.9 | 41.0 | | | |
| FH | (60°-80°) | 145.2 | 29.9 | | | G0/660 |
| FVH | (80°-90°) | 3.6 | 0.8 | | | G0/10 |
| BL | (0°-30°) | 21.0 | 4.3 | B0/110 | | |
| BM | (30°-60°) | 40.1 | 8.3 | B0/220 | | |
| BH | (60°-80°) | 23.7 | 4.9 | B0/110 | | G0/110 |
| BVH | (80°-90°) | 1.1 | 0.2 | | | 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 Short



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CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 171.3 | 171.3 | 171.3 | 171.3 | 171.3 | 171.3 | 171.3 | 171.3 | 171.3 | 171.3 | 171.3 |
| 2.5° | 178.9 | 178.6 | 181.2 | 186.5 | 189.8 | 191.8 | 192.2 | 194.3 | 192.2 | 191.1 | 187.1 |
| 5° | 173.7 | 173.6 | 178.5 | 190.2 | 199.7 | 206.9 | 210.3 | 208.0 | 204.3 | 197.0 | 188.2 |
| 7.5° | 159.2 | 159.2 | 168.5 | 184.1 | 200.1 | 212.4 | 216.7 | 212.3 | 203.6 | 189.0 | 173.2 |
| 10° | 147.3 | 148.4 | 157.4 | 176.0 | 193.7 | 207.3 | 212.0 | 208.6 | 197.2 | 178.3 | 159.8 |
| 12.5° | 140.3 | 140.9 | 150.9 | 169.6 | 186.1 | 197.1 | 200.0 | 199.0 | 190.7 | 170.2 | 150.6 |
| 15° | 140.9 | 141.8 | 153.3 | 168.6 | 179.3 | 183.8 | 184.8 | 186.0 | 182.6 | 166.9 | 147.5 |
| 17.5° | 151.0 | 151.7 | 163.2 | 173.1 | 172.7 | 171.3 | 171.6 | 173.8 | 177.8 | 169.6 | 153.7 |
| 20° | 167.2 | 168.8 | 180.4 | 180.6 | 169.2 | 162.8 | 161.1 | 164.6 | 175.5 | 176.9 | 166.8 |
| 22.5° | 187.9 | 188.5 | 200.3 | 193.3 | 169.5 | 156.9 | 155.0 | 158.9 | 176.2 | 188.6 | 184.9 |
| 25° | 211.9 | 214.2 | 220.6 | 209.7 | 174.9 | 156.1 | 154.8 | 158.1 | 178.9 | 201.1 | 203.6 |
| 27.5° | 228.1 | 230.0 | 236.1 | 220.9 | 179.6 | 156.5 | 154.1 | 158.2 | 182.1 | 212.8 | 223.6 |
| 30° | 242.6 | 243.9 | 246.2 | 226.8 | 185.0 | 158.8 | 155.0 | 160.7 | 183.8 | 215.3 | 236.6 |
| 32.5° | 256.3 | 257.8 | 256.5 | 233.8 | 191.0 | 163.1 | 156.5 | 166.1 | 187.6 | 220.2 | 247.8 |
| 35° | 273.9 | 274.0 | 269.3 | 240.9 | 197.8 | 168.3 | 161.1 | 173.8 | 194.9 | 227.9 | 259.9 |
| 37.5° | 294.8 | 295.0 | 283.1 | 248.1 | 205.5 | 176.9 | 171.9 | 185.8 | 205.6 | 236.8 | 277.3 |
| 40° | 313.0 | 313.8 | 298.1 | 256.5 | 214.9 | 193.7 | 193.2 | 204.7 | 219.2 | 248.7 | 295.9 |
| 42.5° | 328.9 | 331.0 | 311.8 | 263.4 | 228.3 | 219.4 | 220.5 | 231.0 | 235.8 | 258.6 | 307.4 |
| 45° | 344.9 | 344.9 | 323.1 | 270.4 | 250.7 | 252.6 | 263.1 | 262.6 | 254.6 | 263.9 | 316.5 |
| 47.5° | 354.9 | 354.5 | 330.0 | 281.8 | 280.9 | 299.3 | 310.4 | 304.3 | 275.4 | 269.6 | 327.9 |
| 50° | 358.8 | 358.6 | 335.4 | 296.3 | 311.6 | 341.6 | 357.4 | 345.3 | 300.9 | 279.1 | 341.5 |
| 52.5° | 369.7 | 368.8 | 347.9 | 312.8 | 339.4 | 382.3 | 395.4 | 381.9 | 326.3 | 296.3 | 357.2 |
| 55° | 386.8 | 387.0 | 369.3 | 332.1 | 361.6 | 411.0 | 427.0 | 415.0 | 352.3 | 319.8 | 378.9 |
| 57.5° | 398.2 | 399.0 | 393.1 | 353.7 | 385.5 | 431.0 | 446.6 | 443.2 | 386.8 | 348.0 | 404.3 |
| 58° | 399.3 | 400.0 | 396.8 | 357.8 | 389.0 | 433.3 | 449.3 | 446.9 | 394.5 | 357.0 | 410.3 |
| 60° | 392.3 | 394.2 | 404.2 | 380.5 | 403.8 | 438.2 | 449.7 | 451.9 | 418.0 | 386.1 | 431.0 |
| 62.5° | 373.1 | 373.7 | 391.9 | 406.0 | 413.9 | 426.2 | 427.3 | 432.8 | 427.7 | 420.3 | 449.6 |
| 65° | 349.6 | 349.6 | 369.2 | 407.2 | 387.8 | 385.7 | 379.3 | 384.8 | 399.4 | 441.8 | 448.3 |
| 67.5° | 308.8 | 309.1 | 334.1 | 362.7 | 321.5 | 314.5 | 310.4 | 312.4 | 343.5 | 423.9 | 423.3 |
| 70° | 249.6 | 249.4 | 275.2 | 293.7 | 238.6 | 232.6 | 237.6 | 236.9 | 279.0 | 376.7 | 369.6 |
| 72.5° | 176.5 | 178.1 | 204.6 | 226.8 | 162.0 | 139.6 | 161.5 | 169.9 | 209.9 | 317.5 | 286.0 |
| 75° | 99.4 | 101.5 | 123.1 | 157.6 | 102.2 | 94.4 | 105.6 | 117.6 | 151.7 | 252.8 | 192.1 |
| 77.5° | 49.9 | 50.7 | 63.1 | 75.8 | 62.0 | 72.0 | 71.3 | 82.8 | 104.1 | 170.5 | 109.8 |
| 80° | 28.8 | 30.4 | 34.7 | 39.2 | 34.7 | 45.7 | 53.0 | 62.4 | 64.1 | 88.2 | 61.3 |
| 82.5° | 11.6 | 12.9 | 16.2 | 18.4 | 14.4 | 13.6 | 9.3 | 29.2 | 38.6 | 42.6 | 23.5 |
| 85° | 0.0 | 0.0 | 0.1 | 0.2 | 0.3 | 0.3 | 0.5 | 5.1 | 9.4 | 2.1 | 3.9 |
| 87.5° | 0.0 | 0.0 | 0.1 | 0.1 | 0.2 | 0.3 | 0.4 | 0.6 | 0.8 | 1.0 | 3.5 |
| 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-SA1-727-U-SLL-HSS-XXB

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 171.3 | 171.3 | 171.3 | 171.3 | 171.3 | 171.3 | 171.3 | 171.3 | 171.3 | 171.3 | 171.3 |
| 2.5° | 185.7 | 184.7 | 181.3 | 176.1 | 172.9 | 168.0 | 166.0 | 161.3 | 158.9 | 155.0 | 155.0 |
| 5° | 183.8 | 179.7 | 171.2 | 160.1 | 152.2 | 144.0 | 141.3 | 135.8 | 131.9 | 127.2 | 125.3 |
| 7.5° | 167.2 | 161.4 | 148.1 | 135.2 | 122.6 | 114.2 | 106.0 | 100.4 | 95.1 | 91.2 | 91.8 |
| 10° | 151.8 | 143.6 | 129.0 | 112.6 | 99.6 | 90.9 | 83.4 | 76.9 | 71.4 | 66.0 | 65.2 |
| 12.5° | 141.8 | 132.4 | 115.0 | 97.4 | 87.7 | 81.2 | 74.4 | 67.2 | 60.4 | 54.5 | 52.1 |
| 15° | 137.6 | 127.4 | 107.9 | 91.3 | 82.4 | 74.2 | 66.2 | 57.4 | 49.6 | 42.5 | 40.5 |
| 17.5° | 142.2 | 129.9 | 107.3 | 87.3 | 74.9 | 64.6 | 53.5 | 43.8 | 34.7 | 29.5 | 28.0 |
| 20° | 154.7 | 138.7 | 109.4 | 83.3 | 66.6 | 53.2 | 39.6 | 28.7 | 23.6 | 20.4 | 19.4 |
| 22.5° | 172.7 | 153.3 | 113.0 | 79.3 | 58.1 | 39.6 | 27.3 | 20.7 | 17.7 | 16.0 | 15.6 |
| 25° | 192.4 | 172.1 | 119.6 | 76.0 | 49.7 | 29.4 | 20.3 | 17.0 | 15.1 | 13.9 | 13.5 |
| 27.5° | 214.5 | 190.7 | 127.6 | 73.5 | 41.9 | 23.6 | 17.4 | 14.9 | 13.5 | 12.7 | 12.3 |
| 30° | 228.3 | 204.1 | 133.8 | 69.1 | 36.6 | 21.5 | 16.6 | 14.1 | 12.6 | 11.9 | 11.6 |
| 32.5° | 241.1 | 214.7 | 139.6 | 64.1 | 32.6 | 19.0 | 16.1 | 14.9 | 13.0 | 11.7 | 11.2 |
| 35° | 255.1 | 225.5 | 142.5 | 61.1 | 29.9 | 16.5 | 13.3 | 11.6 | 10.5 | 10.4 | 10.1 |
| 37.5° | 276.0 | 238.3 | 144.3 | 59.4 | 28.2 | 15.0 | 12.4 | 10.5 | 9.3 | 8.2 | 7.7 |
| 40° | 295.8 | 251.6 | 145.2 | 57.9 | 27.4 | 14.1 | 11.8 | 9.9 | 8.6 | 7.6 | 7.2 |
| 42.5° | 311.3 | 263.7 | 145.8 | 56.8 | 25.9 | 13.6 | 11.4 | 9.5 | 8.2 | 7.2 | 6.7 |
| 45° | 323.9 | 277.7 | 145.3 | 56.4 | 24.8 | 13.9 | 11.2 | 9.3 | 7.8 | 6.8 | 6.3 |
| 47.5° | 336.3 | 293.0 | 147.1 | 55.9 | 23.6 | 13.4 | 11.3 | 9.2 | 7.5 | 6.5 | 6.1 |
| 50° | 352.6 | 311.4 | 153.4 | 54.6 | 22.7 | 12.6 | 12.2 | 9.3 | 7.4 | 6.3 | 6.0 |
| 52.5° | 373.6 | 336.9 | 164.9 | 53.3 | 21.7 | 11.8 | 12.7 | 9.3 | 7.2 | 6.1 | 5.7 |
| 55° | 399.0 | 365.5 | 177.5 | 51.3 | 20.0 | 10.9 | 12.2 | 9.3 | 7.1 | 6.1 | 5.5 |
| 57.5° | 419.9 | 391.0 | 187.5 | 48.9 | 16.8 | 9.8 | 11.2 | 8.9 | 6.6 | 5.7 | 5.2 |
| 58° | 421.7 | 393.9 | 188.9 | 48.2 | 16.4 | 9.6 | 10.9 | 8.8 | 6.4 | 5.6 | 5.1 |
| 60° | 429.1 | 398.7 | 189.4 | 44.7 | 13.7 | 9.2 | 9.4 | 8.5 | 6.1 | 5.2 | 4.9 |
| 62.5° | 426.5 | 382.9 | 177.8 | 38.6 | 12.2 | 8.3 | 7.9 | 8.7 | 5.6 | 4.8 | 4.4 |
| 65° | 413.8 | 351.9 | 155.8 | 34.6 | 12.3 | 7.4 | 6.8 | 7.6 | 5.1 | 4.3 | 3.9 |
| 67.5° | 383.5 | 304.9 | 126.5 | 32.4 | 12.8 | 6.6 | 5.9 | 5.7 | 4.6 | 3.9 | 3.6 |
| 70° | 327.1 | 249.9 | 95.9 | 30.4 | 13.6 | 5.9 | 5.4 | 5.0 | 4.2 | 3.6 | 3.2 |
| 72.5° | 240.9 | 185.0 | 69.8 | 28.5 | 13.2 | 5.2 | 5.0 | 4.6 | 3.9 | 3.2 | 3.0 |
| 75° | 150.3 | 107.5 | 47.8 | 23.3 | 11.8 | 4.6 | 4.7 | 4.3 | 3.5 | 3.0 | 2.8 |
| 77.5° | 87.7 | 75.5 | 23.6 | 17.3 | 8.2 | 4.0 | 4.1 | 3.9 | 3.6 | 2.8 | 2.7 |
| 80° | 52.5 | 46.9 | 10.1 | 7.4 | 4.5 | 3.6 | 3.5 | 3.7 | 3.4 | 2.7 | 2.5 |
| 82.5° | 22.7 | 20.4 | 4.9 | 4.1 | 3.7 | 3.1 | 3.0 | 3.1 | 2.9 | 2.2 | 2.1 |
| 85° | 1.3 | 3.4 | 2.3 | 3.0 | 2.8 | 2.3 | 2.3 | 2.4 | 2.1 | 1.7 | 1.7 |
| 87.5° | 1.2 | 2.6 | 1.5 | 1.8 | 2.0 | 1.7 | 1.8 | 1.8 | 1.7 | 1.6 | 1.5 |
| 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-SA1-727-U-SLL-HSS-XXB

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 171.3 | 171.3 | 171.3 | 171.3 | 171.3 | 171.3 | 171.3 | 171.3 | 171.3 | 171.3 | 171.3 |
| 2.5° | 152.9 | 151.8 | 148.8 | 147.7 | 142.9 | 144.1 | 144.5 | 144.0 | 144.2 | 144.6 | 146.0 |
| 5° | 126.6 | 125.0 | 121.0 | 118.5 | 117.1 | 116.2 | 111.9 | 112.0 | 112.6 | 110.1 | 113.3 |
| 7.5° | 89.9 | 91.8 | 92.2 | 89.8 | 88.3 | 85.2 | 81.2 | 79.0 | 75.3 | 77.4 | 77.8 |
| 10° | 64.4 | 63.5 | 65.2 | 64.4 | 62.1 | 60.9 | 56.7 | 56.3 | 55.9 | 55.7 | 58.3 |
| 12.5° | 49.1 | 46.3 | 44.3 | 44.7 | 43.0 | 40.1 | 39.3 | 39.4 | 39.8 | 39.8 | 40.5 |
| 15° | 38.9 | 34.7 | 31.5 | 29.5 | 29.8 | 26.9 | 26.0 | 23.3 | 22.9 | 22.1 | 22.3 |
| 17.5° | 27.2 | 25.5 | 23.6 | 21.4 | 20.4 | 17.8 | 14.6 | 13.1 | 12.0 | 12.2 | 12.7 |
| 20° | 18.8 | 18.1 | 17.5 | 16.4 | 15.5 | 12.4 | 10.4 | 9.7 | 9.6 | 9.8 | 10.0 |
| 22.5° | 15.1 | 14.4 | 13.8 | 13.5 | 12.3 | 10.0 | 8.9 | 8.4 | 8.4 | 8.4 | 8.5 |
| 25° | 13.0 | 12.3 | 11.6 | 11.6 | 10.5 | 8.7 | 7.9 | 7.5 | 7.4 | 7.3 | 7.5 |
| 27.5° | 12.1 | 11.1 | 10.4 | 9.9 | 9.1 | 7.7 | 7.0 | 6.6 | 6.5 | 6.5 | 6.6 |
| 30° | 11.2 | 10.2 | 9.4 | 8.8 | 7.9 | 6.9 | 6.1 | 5.9 | 5.7 | 5.7 | 5.8 |
| 32.5° | 10.6 | 9.6 | 8.7 | 7.9 | 6.9 | 6.1 | 5.4 | 5.0 | 4.9 | 5.0 | 5.0 |
| 35° | 9.4 | 8.6 | 7.8 | 7.0 | 6.1 | 5.3 | 4.7 | 4.3 | 4.2 | 4.2 | 4.3 |
| 37.5° | 7.4 | 6.8 | 6.6 | 6.1 | 5.3 | 4.6 | 3.9 | 3.6 | 3.5 | 3.5 | 3.6 |
| 40° | 6.7 | 5.9 | 5.5 | 5.3 | 4.9 | 3.9 | 3.2 | 2.8 | 2.8 | 2.8 | 2.9 |
| 42.5° | 6.1 | 5.3 | 4.7 | 4.5 | 4.2 | 3.4 | 2.6 | 2.3 | 2.2 | 2.2 | 2.3 |
| 45° | 5.8 | 4.9 | 4.0 | 3.6 | 3.6 | 2.8 | 2.1 | 1.7 | 1.7 | 1.7 | 1.7 |
| 47.5° | 5.6 | 4.6 | 3.6 | 2.9 | 2.8 | 2.3 | 1.7 | 1.3 | 1.2 | 1.2 | 1.2 |
| 50° | 5.4 | 4.2 | 3.2 | 2.5 | 2.2 | 1.9 | 1.3 | 1.0 | 0.9 | 0.9 | 0.9 |
| 52.5° | 5.1 | 4.0 | 2.9 | 2.2 | 1.7 | 1.5 | 1.0 | 0.7 | 0.6 | 0.6 | 0.6 |
| 55° | 5.0 | 3.8 | 2.8 | 2.0 | 1.5 | 1.1 | 0.7 | 0.6 | 0.5 | 0.5 | 0.5 |
| 57.5° | 4.7 | 3.5 | 2.6 | 1.9 | 1.4 | 0.8 | 0.6 | 0.4 | 0.3 | 0.3 | 0.4 |
| 58° | 4.6 | 3.5 | 2.5 | 1.8 | 1.3 | 0.8 | 0.6 | 0.4 | 0.3 | 0.3 | 0.4 |
| 60° | 4.3 | 3.2 | 2.4 | 1.7 | 1.2 | 0.7 | 0.5 | 0.3 | 0.2 | 0.2 | 0.3 |
| 62.5° | 4.0 | 2.9 | 2.1 | 1.5 | 1.0 | 0.6 | 0.4 | 0.2 | 0.1 | 0.1 | 0.1 |
| 65° | 3.6 | 2.7 | 1.8 | 1.4 | 0.8 | 0.5 | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 |
| 67.5° | 3.2 | 2.5 | 1.7 | 1.2 | 0.7 | 0.4 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 2.9 | 2.3 | 1.5 | 1.0 | 0.6 | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 2.8 | 2.1 | 1.4 | 0.9 | 0.5 | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 2.7 | 2.0 | 1.4 | 0.8 | 0.5 | 0.3 | 0.2 | 0.1 | 0.0 | 0.0 | 0.1 |
| 77.5° | 2.6 | 2.0 | 1.4 | 0.8 | 0.6 | 0.3 | 0.3 | 0.2 | 0.2 | 0.1 | 0.3 |
| 80° | 2.4 | 1.8 | 1.2 | 0.7 | 0.5 | 0.4 | 0.3 | 0.2 | 0.0 | 0.0 | 0.0 |
| 82.5° | 2.0 | 1.5 | 1.0 | 0.7 | 0.5 | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 1.7 | 1.2 | 0.8 | 0.5 | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 1.5 | 0.9 | 0.6 | 0.4 | 0.2 | 0.1 | 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: P400717

CATALOG NUMBER: ENT-SA1-727-U-SLL-HSS-XXB

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 171.3 | 171.3 | 171.3 | 171.3 | 171.3 | 171.3 | 171.3 | 171.3 | 171.3 | 171.3 |
| 2.5° | 147.2 | 151.4 | 153.1 | 159.0 | 161.6 | 166.9 | 171.5 | 175.4 | 177.3 | 178.9 |
| 5° | 114.2 | 118.2 | 122.5 | 131.2 | 138.7 | 146.8 | 156.9 | 167.3 | 170.4 | 173.7 |
| 7.5° | 79.7 | 85.6 | 92.9 | 100.7 | 111.4 | 123.6 | 138.1 | 151.0 | 157.5 | 159.2 |
| 10° | 61.9 | 69.0 | 76.7 | 84.4 | 93.3 | 106.3 | 120.8 | 137.5 | 144.5 | 147.3 |
| 12.5° | 46.5 | 55.9 | 65.1 | 74.2 | 81.9 | 93.2 | 109.0 | 128.9 | 136.6 | 140.3 |
| 15° | 28.0 | 38.6 | 49.9 | 62.1 | 72.8 | 86.0 | 103.9 | 127.1 | 136.8 | 140.9 |
| 17.5° | 13.9 | 19.1 | 29.4 | 47.8 | 63.6 | 80.0 | 103.8 | 133.7 | 145.7 | 151.0 |
| 20° | 10.4 | 11.7 | 15.7 | 29.8 | 52.9 | 75.1 | 104.9 | 145.0 | 162.7 | 167.2 |
| 22.5° | 8.9 | 9.9 | 11.3 | 17.4 | 39.6 | 70.5 | 108.7 | 159.9 | 181.9 | 187.9 |
| 25° | 7.8 | 8.6 | 9.7 | 12.0 | 27.1 | 65.1 | 116.0 | 181.0 | 203.7 | 211.9 |
| 27.5° | 6.9 | 7.6 | 8.5 | 10.1 | 18.2 | 54.9 | 120.1 | 198.7 | 221.3 | 228.1 |
| 30° | 6.1 | 6.6 | 7.5 | 8.6 | 13.4 | 42.5 | 124.0 | 214.3 | 237.3 | 242.6 |
| 32.5° | 5.3 | 5.8 | 6.5 | 7.3 | 10.2 | 32.2 | 124.2 | 227.7 | 251.2 | 256.3 |
| 35° | 4.5 | 5.0 | 5.6 | 6.3 | 8.1 | 25.1 | 120.4 | 241.0 | 267.7 | 273.9 |
| 37.5° | 3.8 | 4.2 | 4.9 | 5.5 | 7.3 | 19.4 | 112.6 | 256.6 | 287.8 | 294.8 |
| 40° | 3.2 | 3.7 | 4.2 | 5.0 | 6.5 | 14.1 | 100.1 | 270.7 | 306.6 | 313.0 |
| 42.5° | 2.6 | 3.0 | 3.7 | 4.9 | 5.4 | 10.2 | 87.6 | 284.2 | 322.9 | 328.9 |
| 45° | 2.0 | 2.6 | 3.4 | 4.7 | 4.5 | 7.2 | 76.7 | 296.3 | 337.0 | 344.9 |
| 47.5° | 1.5 | 2.1 | 3.4 | 4.2 | 3.7 | 5.1 | 71.2 | 307.8 | 349.5 | 354.9 |
| 50° | 1.1 | 1.7 | 3.7 | 3.6 | 3.1 | 4.4 | 72.1 | 320.6 | 355.3 | 358.8 |
| 52.5° | 0.8 | 1.5 | 2.8 | 2.6 | 2.7 | 3.9 | 75.3 | 337.6 | 367.2 | 369.7 |
| 55° | 0.7 | 1.1 | 1.7 | 1.9 | 2.4 | 3.7 | 74.5 | 353.7 | 382.4 | 386.8 |
| 57.5° | 0.6 | 0.9 | 1.4 | 1.6 | 2.1 | 3.5 | 69.8 | 360.7 | 392.3 | 398.2 |
| 58° | 0.6 | 0.9 | 1.3 | 1.6 | 2.1 | 3.4 | 68.6 | 358.8 | 391.8 | 399.3 |
| 60° | 0.5 | 0.8 | 1.2 | 1.4 | 1.8 | 3.0 | 62.8 | 342.5 | 381.7 | 392.3 |
| 62.5° | 0.4 | 0.6 | 0.9 | 1.0 | 1.5 | 2.5 | 51.7 | 316.1 | 360.1 | 373.1 |
| 65° | 0.2 | 0.4 | 0.6 | 0.7 | 1.0 | 1.8 | 36.8 | 284.8 | 336.9 | 349.6 |
| 67.5° | 0.0 | 0.2 | 0.4 | 0.5 | 0.6 | 1.4 | 21.2 | 241.7 | 298.7 | 308.8 |
| 70° | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.9 | 11.2 | 177.4 | 231.4 | 249.6 |
| 72.5° | 0.1 | 0.1 | 0.1 | 0.0 | 0.2 | 0.7 | 5.0 | 105.3 | 157.8 | 176.5 |
| 75° | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.4 | 2.1 | 55.5 | 90.5 | 99.4 |
| 77.5° | 0.4 | 0.2 | 0.0 | 0.0 | 0.0 | 0.1 | 1.0 | 29.9 | 46.9 | 49.9 |
| 80° | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 10.0 | 28.1 | 28.8 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 12.1 | 11.6 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 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)