

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: P400881

Luminaire Tested: **ENC-SA1A-722-U-SLR-HSS**

Issue Date: 5/20/2020

Test Information

Test Method: LM-79-08
Report Number: P400881
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2004-754-10)
Test Lab: INNOVATION CENTER
Issue Date: 5/20/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ENC-SA1A-722-U-SLR-HSS
Description: ENTRI LED LUMINAIRE
(1) 70 CRI, 2200K, 350mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1511 lumens
Efficiency: N/A
Efficacy: 75.2 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short - Semi-Cutoff
BUG Rating: B0 - U0 - G0

Input Watts (W): 20.1
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

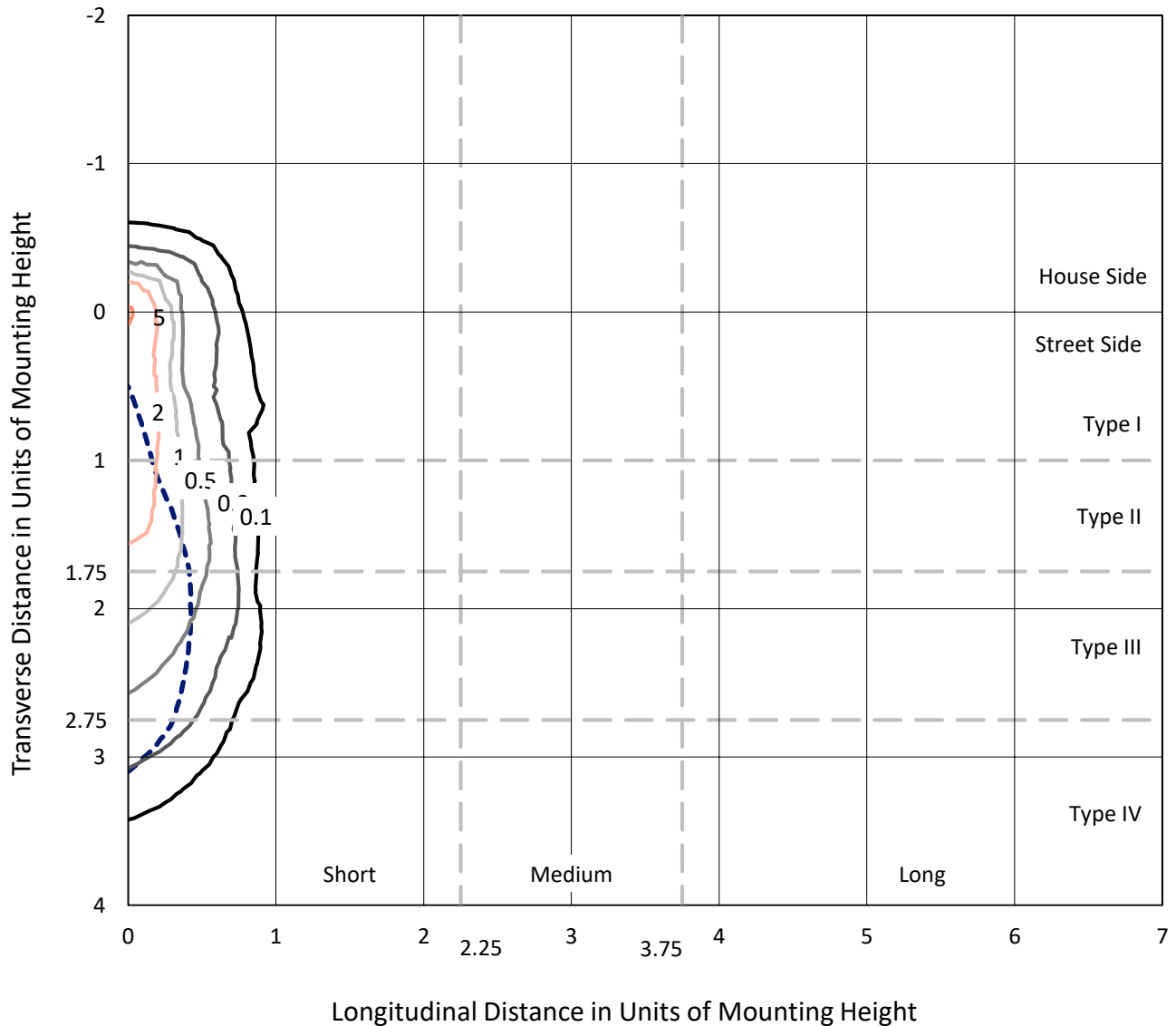


REPORT NUMBER: P400881

CATALOG NUMBER: ENC-SA1A-722-U-SLR-HSS

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

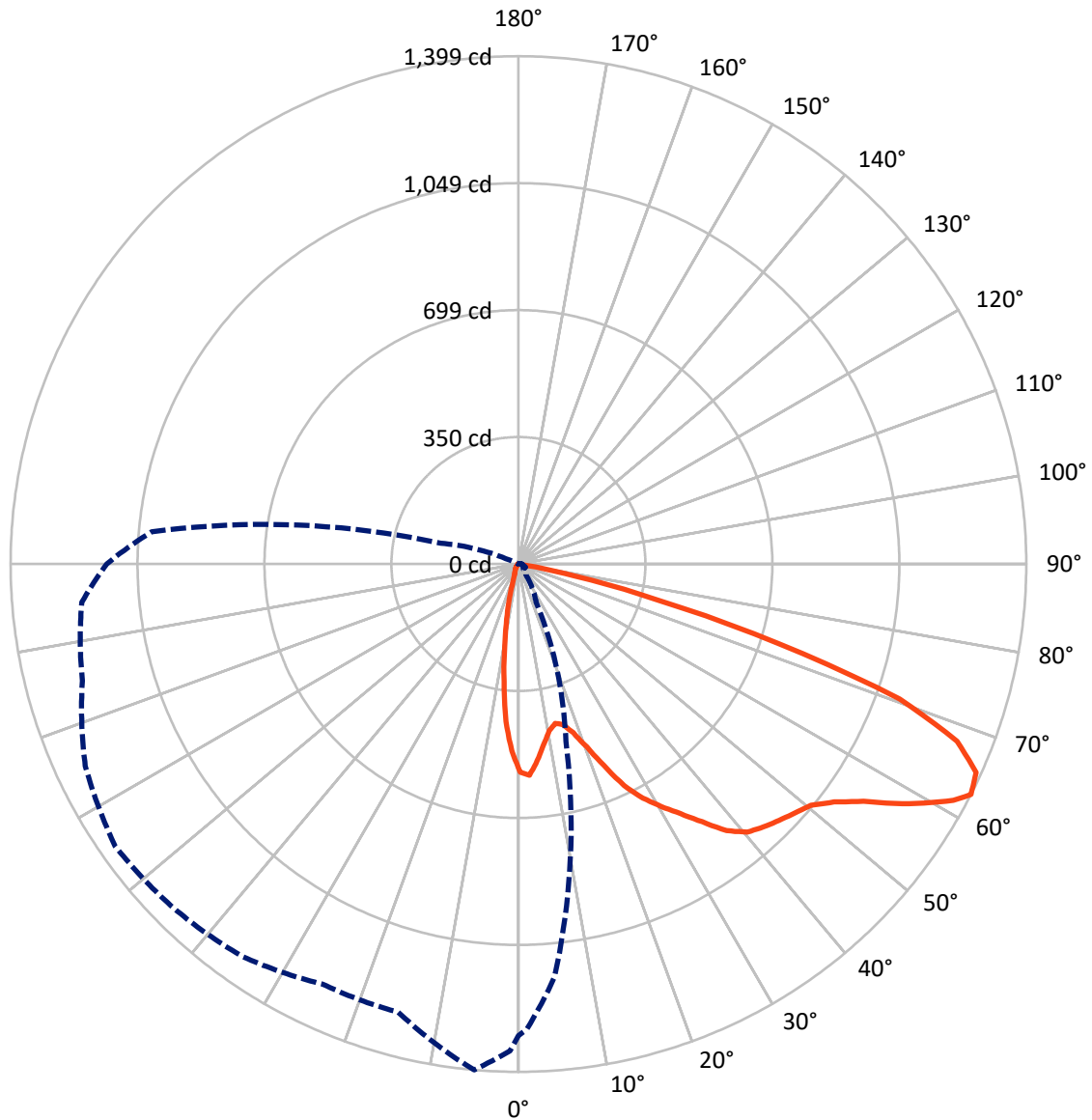


Based on 10 foot mounting height. Maximum calculated value = 5.7 fc
 Type IV - Short - Semi-Cutoff

REPORT NUMBER: P400881

CATALOG NUMBER: ENC-SA1A-722-U-SLR-HSS

Luminous Intensity Polar Plot



— Vertical Plane Through 355-Deg Lateral - - - Horizontal Cone Through 62.5-Deg Vertical

REPORT NUMBER: P400881

CATALOG NUMBER: ENC-SA1A-722-U-SLR-HSS

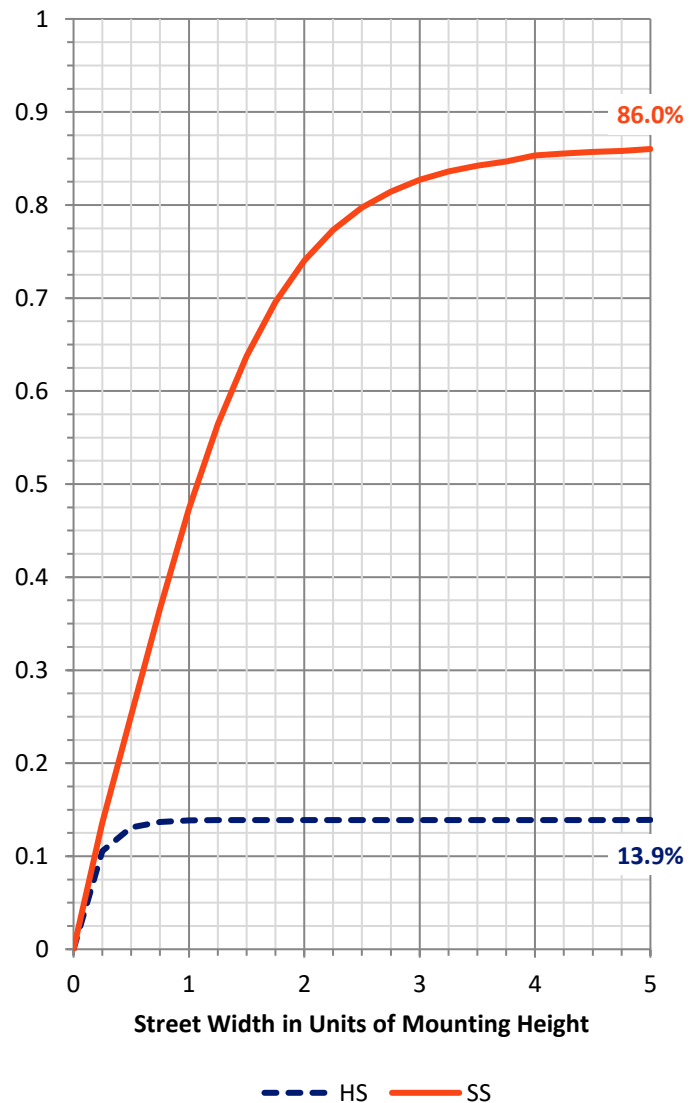
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 212.6 | 0.0 | 212.6 |
| | % Fixture | 14.1 | 0.0 | 14.1 |
| Street Side | Lumens | 1298.5 | 0.0 | 1298.5 |
| | % Fixture | 85.9 | 0.0 | 85.9 |
| Total | Lumens | 1511.0 | 0.0 | 1511.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 43.0 | 2.8 |
| 10°-20° | 81.7 | 5.4 |
| 20°-30° | 113.7 | 7.5 |
| 30°-40° | 164.4 | 10.9 |
| 40°-50° | 235.7 | 15.6 |
| 50°-60° | 342.0 | 22.6 |
| 60°-70° | 370.0 | 24.5 |
| 70°-80° | 149.4 | 9.9 |
| 80°-90° | 11.1 | 0.7 |
| 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° | 1511.0 | 100.0 |
| 0°-180° | 1511.0 | 100.0 |

Coefficient of Utilization



REPORT NUMBER: P400881

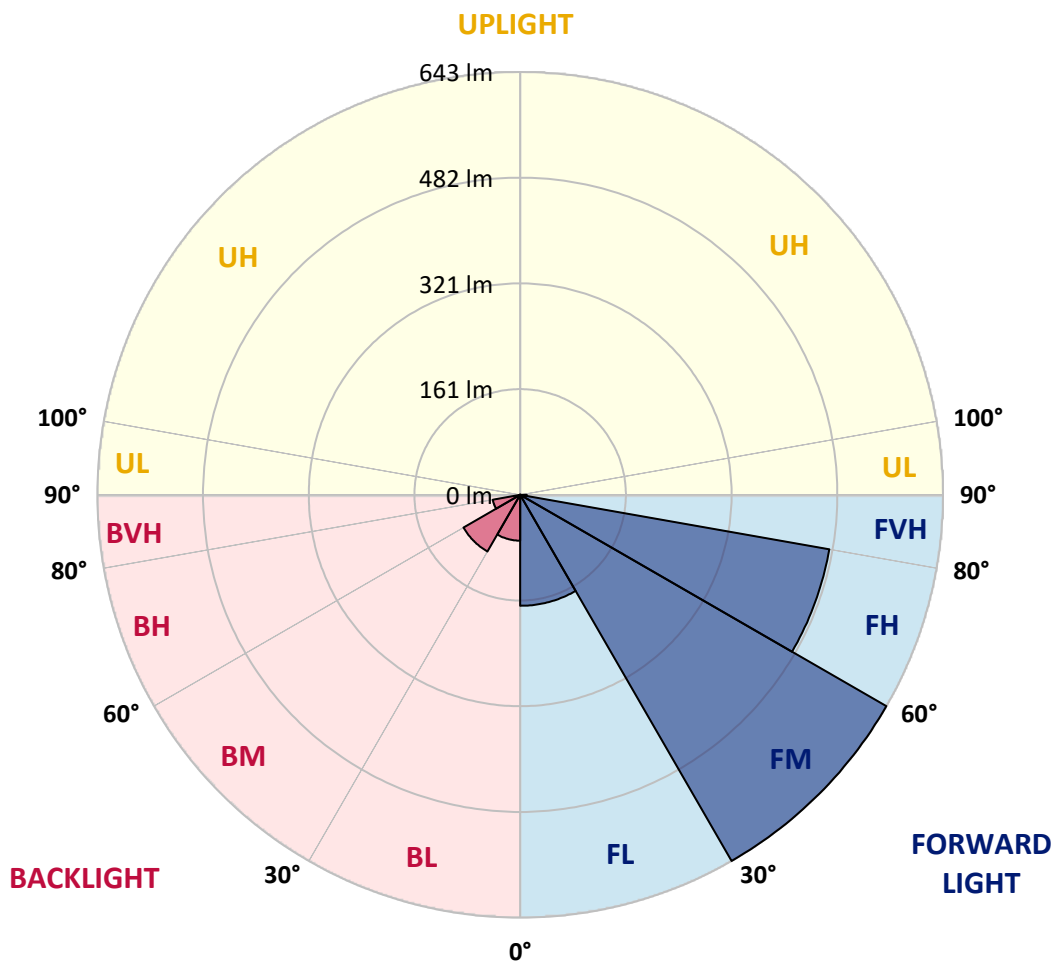
CATALOG NUMBER: ENC-SA1A-722-U-SLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|--------|
| | | | | B | U | G |
| FL | (0°-30°) | 168.7 | 11.2 | | | |
| FM | (30°-60°) | 642.7 | 42.5 | | | |
| FH | (60°-80°) | 477.2 | 31.6 | | | G0/660 |
| FVH | (80°-90°) | 9.9 | 0.7 | | | G0/10 |
| BL | (0°-30°) | 69.7 | 4.6 | B0/110 | | |
| BM | (30°-60°) | 99.5 | 6.6 | B0/220 | | |
| BH | (60°-80°) | 42.3 | 2.8 | B0/110 | | G0/110 |
| BVH | (80°-90°) | 1.1 | 0.1 | | | 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: P400881

CATALOG NUMBER: ENC-SA1A-722-U-SLR-HSS

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 573.2 | 573.2 | 573.2 | 573.2 | 573.2 | 573.2 | 573.2 | 573.2 | 573.2 | 573.2 | 573.2 |
| 2.5° | 575.5 | 573.2 | 567.8 | 556.1 | 539.4 | 528.6 | 521.7 | 512.8 | 503.5 | 500.5 | 494.5 |
| 5° | 525.3 | 521.4 | 514.0 | 484.7 | 458.3 | 432.0 | 413.2 | 395.3 | 389.3 | 377.3 | 384.5 |
| 7.5° | 476.9 | 475.1 | 457.7 | 419.8 | 377.9 | 344.1 | 322.6 | 296.3 | 288.5 | 276.3 | 266.4 |
| 10° | 438.9 | 437.4 | 416.5 | 366.9 | 321.7 | 293.6 | 276.6 | 259.5 | 242.5 | 225.1 | 211.4 |
| 12.5° | 419.8 | 416.5 | 392.3 | 338.7 | 296.9 | 273.6 | 255.6 | 232.9 | 214.7 | 191.4 | 174.6 |
| 15° | 422.8 | 419.8 | 392.0 | 334.3 | 284.9 | 252.6 | 226.0 | 199.1 | 173.4 | 150.4 | 133.9 |
| 17.5° | 446.7 | 445.5 | 411.7 | 338.2 | 270.6 | 227.8 | 192.2 | 156.1 | 125.6 | 100.8 | 86.7 |
| 20° | 493.3 | 489.7 | 440.7 | 346.5 | 255.6 | 199.1 | 150.4 | 105.8 | 80.4 | 63.4 | 57.4 |
| 22.5° | 551.0 | 543.0 | 486.4 | 358.8 | 241.3 | 168.3 | 108.8 | 71.2 | 57.4 | 50.8 | 46.6 |
| 25° | 618.9 | 619.2 | 543.3 | 375.2 | 226.9 | 139.6 | 76.2 | 56.5 | 48.4 | 43.7 | 40.1 |
| 27.5° | 673.9 | 669.7 | 594.4 | 391.7 | 211.4 | 114.5 | 64.0 | 49.3 | 42.5 | 37.4 | 35.3 |
| 30° | 714.6 | 708.3 | 628.2 | 403.0 | 191.4 | 96.9 | 57.4 | 46.9 | 40.1 | 34.4 | 31.7 |
| 32.5° | 756.4 | 748.7 | 658.7 | 409.3 | 179.4 | 88.5 | 50.8 | 41.0 | 35.9 | 33.5 | 29.9 |
| 35° | 805.5 | 798.6 | 692.4 | 408.7 | 173.1 | 83.7 | 46.0 | 37.1 | 30.5 | 26.6 | 24.2 |
| 37.5° | 860.2 | 846.1 | 727.4 | 406.0 | 168.6 | 81.3 | 41.9 | 34.4 | 28.4 | 24.2 | 21.2 |
| 40° | 907.1 | 893.1 | 759.7 | 402.4 | 165.6 | 78.9 | 39.5 | 32.6 | 26.9 | 22.4 | 19.4 |
| 42.5° | 943.9 | 930.4 | 789.9 | 397.9 | 164.1 | 73.8 | 40.7 | 31.4 | 25.7 | 21.2 | 17.9 |
| 45° | 975.6 | 961.8 | 825.8 | 397.4 | 163.5 | 70.3 | 40.1 | 31.1 | 25.1 | 19.7 | 16.7 |
| 47.5° | 1012.4 | 1005.2 | 873.0 | 407.2 | 161.2 | 67.6 | 36.8 | 33.5 | 24.8 | 19.1 | 15.8 |
| 50° | 1066.8 | 1060.5 | 934.9 | 436.5 | 157.6 | 64.9 | 33.5 | 36.8 | 24.8 | 18.5 | 14.9 |
| 52.5° | 1143.0 | 1135.8 | 1032.4 | 474.8 | 154.3 | 61.9 | 30.2 | 35.6 | 25.1 | 17.6 | 14.4 |
| 55° | 1222.0 | 1220.8 | 1124.5 | 515.4 | 151.3 | 55.3 | 26.6 | 32.0 | 24.5 | 16.4 | 13.5 |
| 57.5° | 1283.8 | 1282.9 | 1193.5 | 543.0 | 145.6 | 44.5 | 24.2 | 26.6 | 22.7 | 14.9 | 12.3 |
| 60° | 1309.3 | 1301.8 | 1201.0 | 543.0 | 132.5 | 36.8 | 22.1 | 20.9 | 23.0 | 13.5 | 10.8 |
| 61° | 1309.3 | 1299.7 | 1187.6 | 534.9 | 125.9 | 35.0 | 20.9 | 19.4 | 23.6 | 12.9 | 10.2 |
| 62.5° | 1299.1 | 1283.2 | 1141.5 | 505.9 | 115.4 | 35.0 | 19.1 | 17.3 | 21.5 | 12.3 | 9.3 |
| 65° | 1253.9 | 1227.9 | 1033.6 | 439.8 | 104.6 | 35.9 | 16.4 | 14.7 | 15.5 | 10.5 | 8.1 |
| 67.5° | 1142.4 | 1113.1 | 893.7 | 348.0 | 96.0 | 38.0 | 13.8 | 12.9 | 12.0 | 9.3 | 7.2 |
| 70° | 941.2 | 916.4 | 729.2 | 260.7 | 89.1 | 38.6 | 12.0 | 10.8 | 10.2 | 8.1 | 6.3 |
| 72.5° | 601.6 | 560.6 | 455.4 | 176.7 | 71.5 | 33.5 | 9.9 | 10.2 | 9.3 | 6.6 | 5.1 |
| 75° | 290.6 | 302.0 | 264.9 | 89.1 | 48.1 | 21.8 | 7.8 | 8.4 | 7.5 | 6.0 | 4.5 |
| 77.5° | 130.1 | 127.7 | 126.5 | 22.7 | 12.3 | 7.5 | 4.8 | 5.7 | 6.0 | 5.4 | 3.9 |
| 80° | 13.5 | 18.2 | 10.8 | 6.9 | 4.5 | 3.3 | 2.7 | 3.0 | 3.6 | 3.9 | 2.1 |
| 82.5° | 0.6 | 0.3 | 0.3 | 0.9 | 0.9 | 0.6 | 0.0 | 0.0 | 0.6 | 0.6 | 0.3 |
| 85° | 0.0 | 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 | 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: P400881

CATALOG NUMBER: ENC-SA1A-722-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 573.2 | 573.2 | 573.2 | 573.2 | 573.2 | 573.2 | 573.2 | 573.2 | 573.2 | 573.2 | 573.2 |
| 2.5° | 489.1 | 497.2 | 493.6 | 492.7 | 497.5 | 495.1 | 502.3 | 502.6 | 508.0 | 515.2 | 519.6 |
| 5° | 384.5 | 378.2 | 390.8 | 399.1 | 409.6 | 406.3 | 418.9 | 417.4 | 424.3 | 435.6 | 431.1 |
| 7.5° | 267.0 | 267.9 | 274.5 | 281.9 | 310.0 | 315.7 | 319.9 | 323.2 | 322.9 | 325.6 | 330.4 |
| 10° | 204.2 | 199.1 | 194.6 | 205.1 | 216.2 | 228.4 | 230.2 | 234.7 | 222.4 | 227.5 | 229.9 |
| 12.5° | 167.1 | 161.2 | 151.3 | 145.9 | 148.6 | 155.8 | 158.8 | 161.5 | 154.3 | 154.6 | 160.0 |
| 15° | 126.8 | 118.7 | 114.8 | 107.6 | 104.9 | 104.3 | 105.8 | 102.0 | 101.1 | 97.8 | 99.9 |
| 17.5° | 82.5 | 80.1 | 78.0 | 76.5 | 74.4 | 73.8 | 68.5 | 59.2 | 53.8 | 52.6 | 52.6 |
| 20° | 55.0 | 53.2 | 53.2 | 56.2 | 55.3 | 52.9 | 45.7 | 38.0 | 34.1 | 32.9 | 33.5 |
| 22.5° | 45.1 | 44.0 | 42.2 | 42.2 | 43.4 | 41.6 | 35.0 | 29.3 | 26.6 | 26.6 | 26.6 |
| 25° | 39.2 | 38.6 | 36.8 | 35.0 | 35.6 | 34.1 | 28.4 | 24.8 | 23.0 | 22.7 | 23.0 |
| 27.5° | 34.4 | 34.1 | 32.0 | 30.2 | 30.2 | 29.0 | 24.5 | 21.2 | 20.0 | 19.4 | 19.7 |
| 30° | 31.1 | 30.5 | 28.1 | 26.6 | 26.3 | 25.1 | 20.9 | 18.5 | 17.3 | 17.0 | 17.0 |
| 32.5° | 28.7 | 27.5 | 25.4 | 23.9 | 23.0 | 21.2 | 18.2 | 15.8 | 14.7 | 14.4 | 14.4 |
| 35° | 23.0 | 23.0 | 22.1 | 21.2 | 20.0 | 17.3 | 15.2 | 13.2 | 12.0 | 11.7 | 11.7 |
| 37.5° | 20.0 | 18.8 | 17.3 | 17.6 | 17.0 | 14.7 | 12.6 | 10.5 | 9.6 | 9.3 | 9.3 |
| 40° | 18.2 | 16.7 | 14.7 | 13.8 | 14.1 | 12.9 | 10.5 | 8.1 | 6.9 | 7.2 | 6.9 |
| 42.5° | 16.4 | 15.2 | 12.9 | 10.8 | 10.5 | 10.8 | 8.1 | 5.7 | 4.8 | 4.8 | 4.8 |
| 45° | 15.2 | 14.1 | 11.4 | 9.0 | 7.5 | 8.4 | 6.3 | 3.9 | 3.0 | 3.0 | 3.0 |
| 47.5° | 14.4 | 13.2 | 10.2 | 7.5 | 5.4 | 5.7 | 4.5 | 2.4 | 1.8 | 1.2 | 1.5 |
| 50° | 13.8 | 12.3 | 9.3 | 6.0 | 3.9 | 3.3 | 3.0 | 1.2 | 0.3 | 0.3 | 0.0 |
| 52.5° | 12.9 | 11.7 | 8.4 | 5.1 | 3.0 | 2.1 | 1.5 | 0.3 | 0.0 | 0.0 | 0.0 |
| 55° | 12.3 | 10.8 | 7.5 | 4.5 | 2.4 | 1.2 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 57.5° | 11.1 | 9.9 | 6.6 | 3.6 | 1.8 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 60° | 9.9 | 9.0 | 5.7 | 2.7 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 61° | 9.3 | 8.4 | 5.4 | 2.4 | 0.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 62.5° | 8.7 | 7.8 | 4.8 | 1.8 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65° | 7.5 | 6.6 | 4.2 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 6.6 | 6.0 | 3.6 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 5.7 | 5.1 | 2.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 4.8 | 4.5 | 2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 4.2 | 3.6 | 1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 3.3 | 3.0 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 1.8 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 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 | 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: P400881

CATALOG NUMBER: ENC-SA1A-722-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 0° | 573.2 | 573.2 | 573.2 | 573.2 | 573.2 | 573.2 | 573.2 | 573.2 | 573.2 | 573.2 | 573.2 |
| 2.5° | 523.8 | 534.3 | 544.2 | 556.7 | 563.6 | 582.4 | 595.9 | 607.2 | 616.2 | 618.0 | 625.2 |
| 5° | 443.1 | 457.7 | 467.3 | 493.6 | 508.3 | 539.7 | 563.9 | 592.6 | 618.3 | 632.4 | 645.2 |
| 7.5° | 333.7 | 340.8 | 357.3 | 383.6 | 418.3 | 445.5 | 486.4 | 522.6 | 569.0 | 594.4 | 618.3 |
| 10° | 235.6 | 242.2 | 266.4 | 293.9 | 325.6 | 371.3 | 421.0 | 468.5 | 515.4 | 548.0 | 576.1 |
| 12.5° | 165.6 | 187.2 | 211.1 | 246.1 | 277.2 | 310.6 | 363.6 | 419.2 | 477.8 | 508.9 | 539.4 |
| 15° | 108.8 | 128.0 | 161.2 | 205.1 | 244.0 | 276.6 | 325.9 | 391.1 | 465.5 | 500.2 | 529.2 |
| 17.5° | 53.8 | 67.9 | 97.2 | 144.4 | 196.1 | 247.6 | 307.1 | 386.0 | 481.4 | 520.5 | 547.7 |
| 20° | 33.8 | 38.0 | 48.7 | 81.6 | 141.1 | 217.1 | 293.0 | 396.2 | 524.4 | 567.8 | 585.4 |
| 22.5° | 27.2 | 28.4 | 32.6 | 43.4 | 86.1 | 179.4 | 280.7 | 409.9 | 571.7 | 624.6 | 642.8 |
| 25° | 23.3 | 24.2 | 26.6 | 32.0 | 49.9 | 134.5 | 265.8 | 434.1 | 626.7 | 690.7 | 695.1 |
| 27.5° | 20.0 | 20.9 | 23.0 | 27.2 | 35.6 | 90.6 | 244.3 | 462.5 | 692.4 | 748.7 | 745.7 |
| 30° | 17.0 | 18.2 | 20.3 | 23.3 | 28.1 | 61.3 | 204.2 | 491.2 | 740.9 | 786.0 | 781.2 |
| 32.5° | 14.7 | 15.5 | 17.3 | 20.0 | 23.3 | 42.2 | 153.4 | 510.1 | 781.2 | 821.3 | 810.8 |
| 35° | 12.0 | 12.9 | 14.4 | 16.7 | 18.8 | 29.9 | 116.0 | 510.7 | 822.8 | 865.0 | 838.7 |
| 37.5° | 9.6 | 10.2 | 11.7 | 13.8 | 15.5 | 23.3 | 85.2 | 500.8 | 874.2 | 921.8 | 870.3 |
| 40° | 7.2 | 8.1 | 9.6 | 11.4 | 13.2 | 19.7 | 63.7 | 476.9 | 924.5 | 978.6 | 908.6 |
| 42.5° | 4.8 | 6.0 | 7.5 | 9.3 | 12.6 | 15.8 | 44.8 | 437.1 | 965.1 | 1029.1 | 946.0 |
| 45° | 3.0 | 3.9 | 5.7 | 7.8 | 12.9 | 12.6 | 29.9 | 389.6 | 994.1 | 1067.7 | 971.4 |
| 47.5° | 1.5 | 2.4 | 4.2 | 7.5 | 11.4 | 9.3 | 18.5 | 344.1 | 1020.4 | 1090.1 | 983.1 |
| 50° | 0.3 | 0.9 | 3.0 | 9.3 | 9.6 | 6.9 | 12.3 | 315.7 | 1034.2 | 1084.4 | 981.9 |
| 52.5° | 0.0 | 0.0 | 2.1 | 9.0 | 6.9 | 5.4 | 9.6 | 311.5 | 1055.7 | 1091.9 | 1002.5 |
| 55° | 0.0 | 0.0 | 0.9 | 3.9 | 3.9 | 4.5 | 8.4 | 305.9 | 1094.0 | 1136.4 | 1064.7 |
| 57.5° | 0.0 | 0.0 | 0.0 | 1.8 | 2.4 | 3.6 | 7.8 | 290.9 | 1134.3 | 1183.7 | 1140.3 |
| 60° | 0.0 | 0.0 | 0.0 | 0.9 | 1.5 | 3.0 | 6.9 | 256.8 | 1097.3 | 1184.0 | 1203.1 |
| 61° | 0.0 | 0.0 | 0.0 | 0.9 | 1.2 | 2.7 | 6.3 | 244.9 | 1064.1 | 1164.8 | 1210.9 |
| 62.5° | 0.0 | 0.0 | 0.0 | 0.3 | 0.9 | 2.1 | 5.4 | 221.2 | 1014.5 | 1134.0 | 1207.3 |
| 65° | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 1.2 | 4.2 | 178.8 | 931.6 | 1056.6 | 1166.0 |
| 67.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 2.7 | 125.9 | 812.6 | 969.0 | 1077.8 |
| 70° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 73.0 | 654.8 | 820.4 | 923.3 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 33.2 | 424.9 | 633.5 | 728.3 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 14.1 | 261.6 | 457.7 | 544.2 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6.3 | 177.3 | 304.7 | 366.3 |
| 80° | 0.0 | 0.6 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 2.4 | 109.1 | 190.2 | 206.6 |
| 82.5° | 0.0 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 56.5 | 134.2 | 136.9 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.6 | 28.4 |
| 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: P400881

CATALOG NUMBER: ENC-SA1A-722-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 573.2 | 573.2 | 573.2 | 573.2 | 573.2 | 573.2 | 573.2 | 573.2 | 573.2 | 573.2 |
| 2.5° | 631.8 | 633.5 | 634.7 | 632.7 | 619.8 | 612.6 | 598.3 | 582.4 | 577.0 | 575.5 |
| 5° | 668.5 | 678.7 | 676.9 | 663.1 | 640.7 | 613.2 | 579.1 | 543.9 | 530.4 | 525.3 |
| 7.5° | 661.4 | 688.0 | 693.0 | 678.7 | 640.7 | 592.6 | 543.3 | 501.4 | 482.0 | 476.9 |
| 10° | 624.9 | 658.4 | 674.5 | 670.0 | 634.4 | 578.8 | 518.1 | 466.7 | 445.5 | 438.9 |
| 12.5° | 589.6 | 621.9 | 632.1 | 635.6 | 616.2 | 568.1 | 505.6 | 450.3 | 428.1 | 419.8 |
| 15° | 566.0 | 586.0 | 585.4 | 592.0 | 590.5 | 563.9 | 513.7 | 458.6 | 433.8 | 422.8 |
| 17.5° | 558.2 | 552.2 | 544.5 | 549.8 | 560.3 | 565.1 | 540.0 | 488.5 | 459.5 | 446.7 |
| 20° | 563.0 | 533.7 | 516.6 | 516.3 | 538.5 | 574.9 | 578.5 | 537.9 | 510.7 | 493.3 |
| 22.5° | 587.5 | 524.4 | 498.1 | 498.7 | 525.9 | 589.6 | 623.1 | 602.5 | 572.6 | 551.0 |
| 25° | 623.7 | 526.2 | 490.9 | 494.5 | 524.7 | 602.5 | 671.2 | 676.0 | 637.7 | 618.9 |
| 27.5° | 660.5 | 541.8 | 491.2 | 495.1 | 529.8 | 609.3 | 698.7 | 730.1 | 697.2 | 673.9 |
| 30° | 686.2 | 560.9 | 496.6 | 500.8 | 537.9 | 614.7 | 709.2 | 774.7 | 740.6 | 714.6 |
| 32.5° | 710.4 | 580.6 | 505.3 | 509.5 | 554.0 | 625.8 | 728.9 | 819.5 | 782.1 | 756.4 |
| 35° | 734.0 | 600.1 | 521.4 | 528.9 | 580.0 | 645.8 | 749.0 | 872.1 | 841.0 | 805.5 |
| 37.5° | 754.3 | 621.6 | 549.2 | 565.1 | 615.3 | 676.6 | 776.2 | 931.9 | 899.9 | 860.2 |
| 40° | 771.4 | 647.0 | 606.6 | 624.3 | 669.1 | 709.2 | 806.4 | 971.1 | 949.9 | 907.1 |
| 42.5° | 785.1 | 691.9 | 688.9 | 713.7 | 745.1 | 746.6 | 815.0 | 989.9 | 981.9 | 943.9 |
| 45° | 808.2 | 772.3 | 796.8 | 837.5 | 835.4 | 791.4 | 812.6 | 1007.3 | 1007.9 | 975.6 |
| 47.5° | 845.8 | 873.0 | 943.9 | 971.4 | 957.3 | 852.7 | 815.0 | 1024.3 | 1037.8 | 1012.4 |
| 50° | 899.6 | 987.2 | 1079.9 | 1116.4 | 1075.4 | 914.3 | 836.3 | 1044.7 | 1085.3 | 1066.8 |
| 52.5° | 945.7 | 1073.7 | 1205.5 | 1238.1 | 1182.2 | 980.1 | 885.9 | 1088.6 | 1149.0 | 1143.0 |
| 55° | 1011.5 | 1148.1 | 1294.9 | 1320.0 | 1275.2 | 1054.5 | 952.6 | 1153.2 | 1219.0 | 1222.0 |
| 57.5° | 1078.7 | 1215.4 | 1353.2 | 1378.6 | 1344.5 | 1147.2 | 1047.3 | 1245.9 | 1284.7 | 1283.8 |
| 60° | 1153.5 | 1278.2 | 1379.5 | 1393.6 | 1374.1 | 1239.9 | 1149.3 | 1330.8 | 1329.9 | 1309.3 |
| 61° | 1196.2 | 1298.2 | 1377.7 | 1381.9 | 1363.1 | 1267.1 | 1201.9 | 1363.4 | 1336.5 | 1309.3 |
| 62.5° | 1243.5 | 1316.4 | 1355.6 | 1341.5 | 1321.2 | 1276.7 | 1278.2 | 1398.9 | 1340.9 | 1299.1 |
| 65° | 1291.3 | 1270.7 | 1253.6 | 1186.4 | 1167.2 | 1188.8 | 1342.4 | 1385.5 | 1313.7 | 1253.9 |
| 67.5° | 1209.4 | 1088.9 | 1052.1 | 984.6 | 908.9 | 996.8 | 1281.4 | 1303.3 | 1222.0 | 1142.4 |
| 70° | 988.4 | 800.1 | 756.4 | 754.0 | 699.6 | 796.2 | 1130.2 | 1114.3 | 1014.2 | 941.2 |
| 72.5° | 774.7 | 545.9 | 486.4 | 500.2 | 489.4 | 593.5 | 924.5 | 747.8 | 650.3 | 601.6 |
| 75° | 607.2 | 388.1 | 334.9 | 332.5 | 320.8 | 404.2 | 676.9 | 394.1 | 325.3 | 290.6 |
| 77.5° | 400.6 | 279.6 | 278.7 | 257.4 | 248.5 | 219.2 | 303.8 | 157.9 | 128.9 | 130.1 |
| 80° | 230.8 | 171.3 | 200.9 | 159.4 | 159.7 | 128.6 | 122.9 | 23.0 | 18.5 | 13.5 |
| 82.5° | 132.5 | 82.2 | 62.2 | 24.5 | 51.4 | 51.4 | 9.9 | 0.3 | 0.3 | 0.6 |
| 85° | 12.9 | 3.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 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)