

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: P140126

Luminaire Tested: **ENV-F01-LED-E1-SLR-7050**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P140126
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33647)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ENV-F01-LED-E1-SLR-7050
Description: ENTRI LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (7) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2062.3 lumens
Efficiency: N/A
Efficacy: 79.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.17' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G1

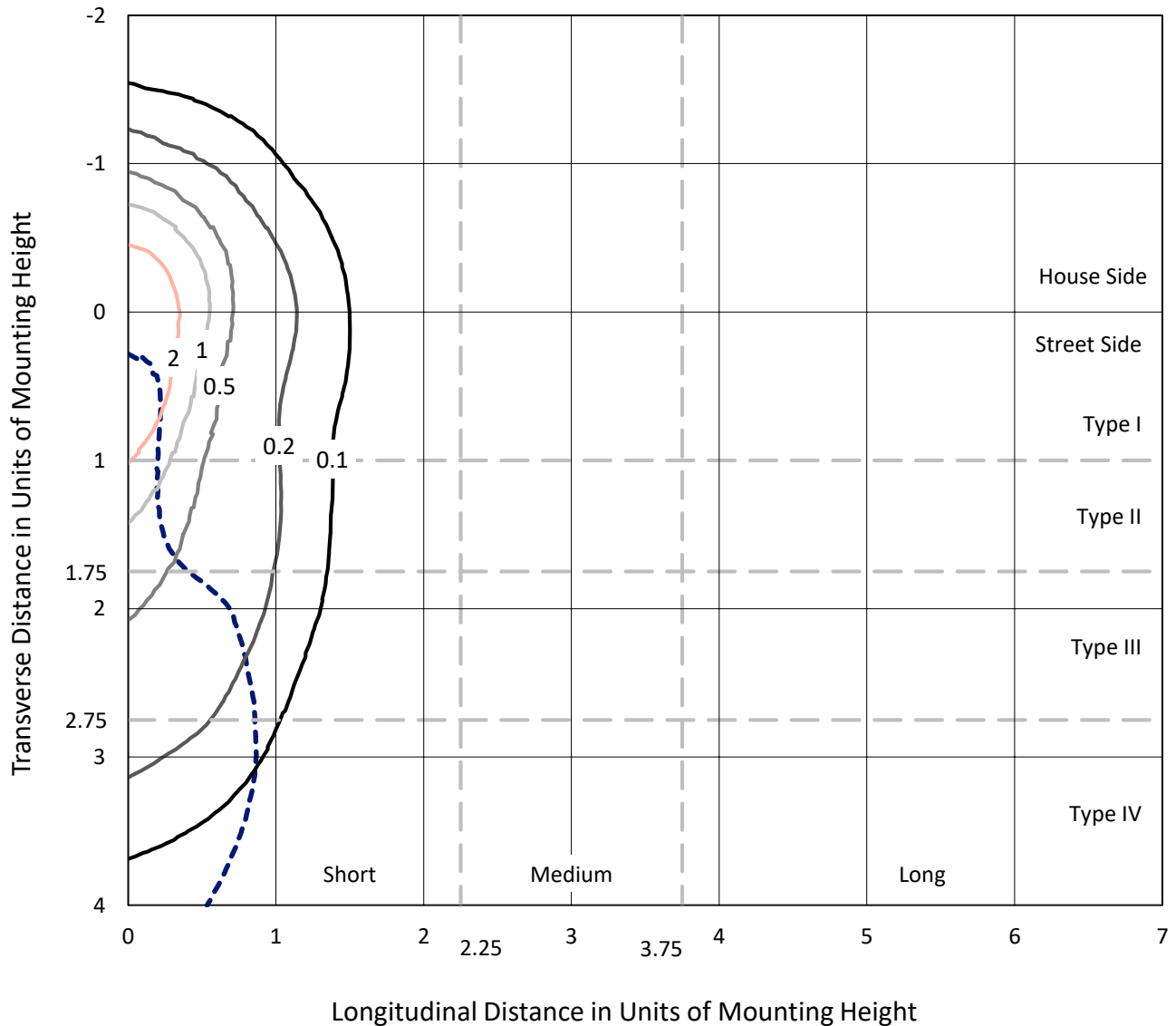
Input Watts (W): 25.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P140126
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Iso-Footcandle Lines of Horizontal Illumination

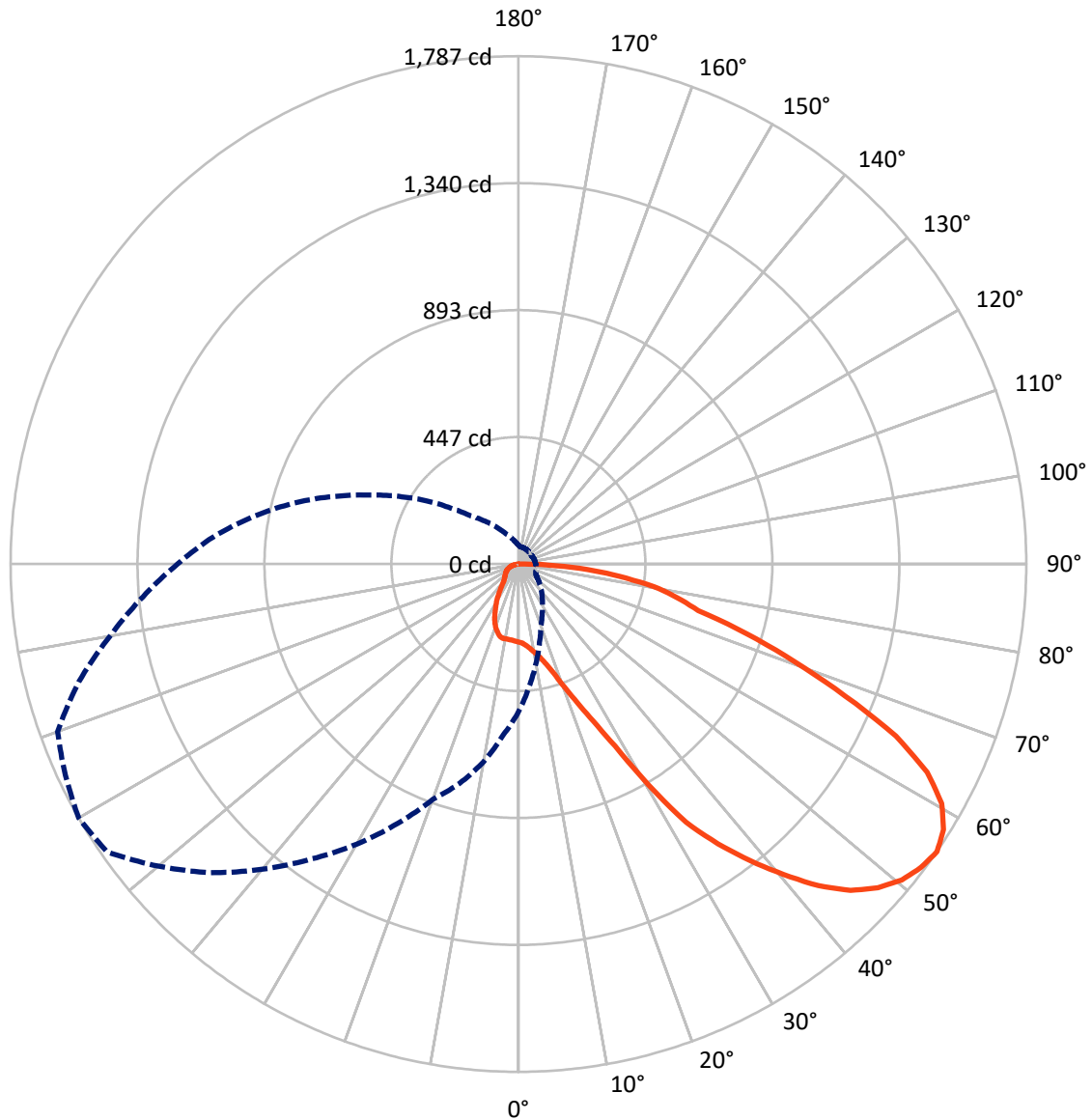
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 4.3 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 300-Deg Lateral - - - Horizontal Cone Through 55-Deg Vertical

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 515.5 | 0.0 | 515.5 |
| | % Fixture | 25.0 | 0.0 | 25.0 |
| Street Side | Lumens | 1546.8 | 0.0 | 1546.8 |
| | % Fixture | 75.0 | 0.0 | 75.0 |
| Total | Lumens | 2062.3 | 0.0 | 2062.3 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 27.1 | 1.3 |
| 10°-20° | 89.0 | 4.3 |
| 20°-30° | 172.7 | 8.4 |
| 30°-40° | 271.4 | 13.2 |
| 40°-50° | 362.8 | 17.6 |
| 50°-60° | 425.7 | 20.6 |
| 60°-70° | 403.8 | 19.6 |
| 70°-80° | 243.8 | 11.8 |
| 80°-90° | 66.0 | 3.2 |
| 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° | 2062.3 | 100.0 |
| 0°-180° | 2062.3 | 100.0 |



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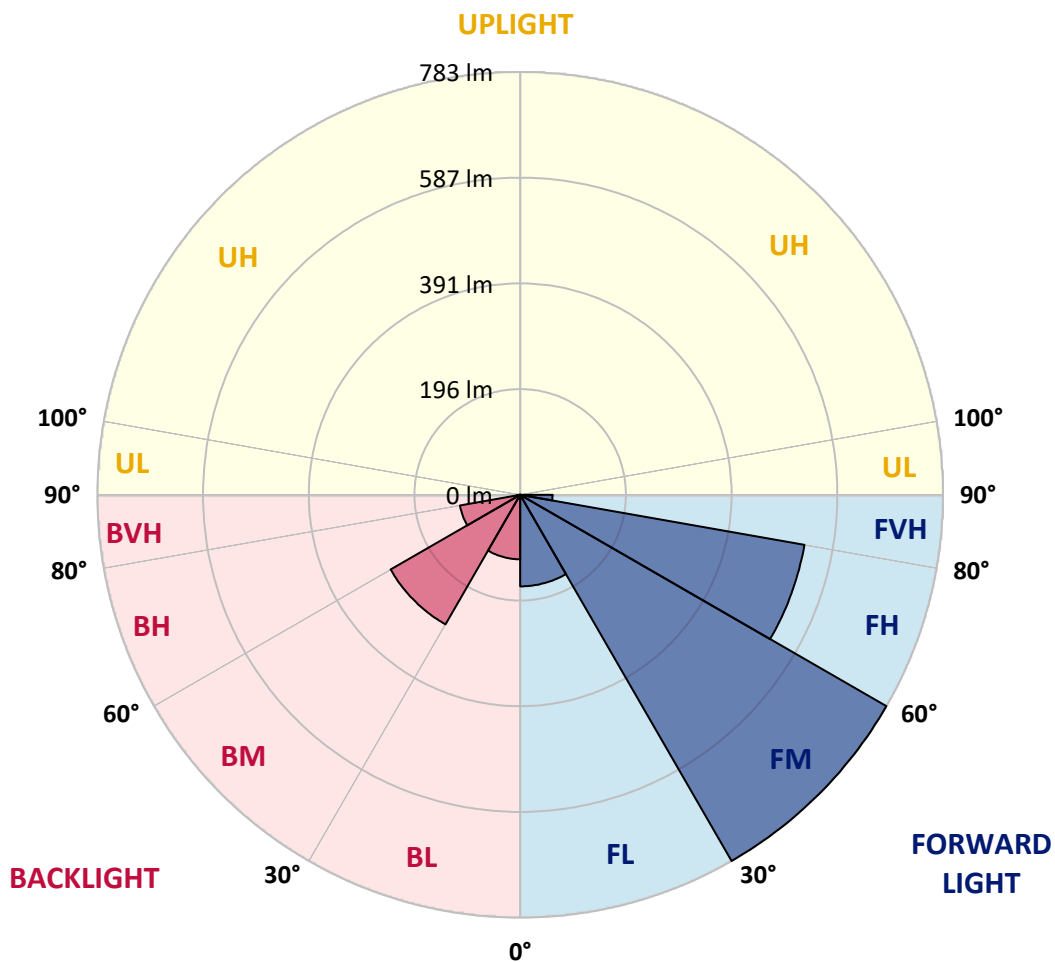
CATALOG NUMBER: ENV-F01-LED-E1-SLR-7050

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|--------|
| | | | | B | U | G |
| FL | (0°-30°) | 169.5 | 8.2 | | | |
| FM | (30°-60°) | 782.9 | 38.0 | | | |
| FH | (60°-80°) | 534.4 | 25.9 | | | G0/660 |
| FVH | (80°-90°) | 60.0 | 2.9 | | | G1/100 |
| BL | (0°-30°) | 119.3 | 5.8 | B1/500 | | |
| BM | (30°-60°) | 277.0 | 13.4 | B1/1000 | | |
| BH | (60°-80°) | 113.2 | 5.5 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 6.0 | 0.3 | | | G0/10 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B1-U0-G1

Type IV Short





REPORT NUMBER: P140126

CATALOG NUMBER: ENV-F01-LED-E1-SLR-7050

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 |
| 2.5° | 280.8 | 282.9 | 280.4 | 280.8 | 280.0 | 279.1 | 279.5 | 279.1 | 278.3 | 278.3 | 277.4 |
| 5° | 287.6 | 288.0 | 286.3 | 285.9 | 285.0 | 283.8 | 284.2 | 282.9 | 282.1 | 281.2 | 279.5 |
| 7.5° | 295.6 | 295.2 | 293.1 | 291.8 | 291.4 | 289.3 | 288.9 | 287.2 | 285.9 | 284.6 | 282.5 |
| 10° | 307.9 | 304.5 | 302.0 | 299.9 | 299.0 | 296.5 | 294.4 | 293.5 | 291.4 | 288.4 | 286.7 |
| 12.5° | 325.7 | 323.6 | 318.5 | 314.3 | 311.7 | 308.3 | 305.4 | 303.3 | 299.9 | 295.6 | 293.5 |
| 15° | 357.5 | 350.7 | 344.8 | 338.4 | 333.3 | 327.8 | 320.6 | 315.1 | 309.2 | 302.0 | 296.5 |
| 17.5° | 398.5 | 390.1 | 380.8 | 370.6 | 360.0 | 348.1 | 334.2 | 323.6 | 311.7 | 299.4 | 291.0 |
| 20° | 449.0 | 433.3 | 420.1 | 400.7 | 381.2 | 362.5 | 340.5 | 321.9 | 304.9 | 288.9 | 276.6 |
| 22.5° | 505.7 | 482.0 | 455.3 | 425.7 | 394.3 | 365.5 | 334.6 | 309.2 | 284.6 | 264.7 | 250.7 |
| 25° | 570.5 | 533.2 | 492.6 | 447.7 | 402.8 | 360.0 | 321.9 | 290.1 | 263.9 | 240.1 | 224.5 |
| 27.5° | 610.3 | 559.5 | 510.8 | 457.4 | 406.2 | 356.6 | 310.0 | 273.2 | 243.1 | 217.7 | 199.5 |
| 30° | 618.8 | 567.5 | 510.4 | 452.3 | 399.4 | 345.2 | 294.4 | 253.3 | 219.8 | 193.1 | 174.9 |
| 32.5° | 624.7 | 565.4 | 501.9 | 437.5 | 379.9 | 322.7 | 271.1 | 230.4 | 194.8 | 168.6 | 147.4 |
| 35° | 626.4 | 557.4 | 485.8 | 414.2 | 353.7 | 295.2 | 243.5 | 200.8 | 169.8 | 144.0 | 124.9 |
| 37.5° | 623.9 | 544.2 | 464.2 | 390.1 | 325.3 | 264.3 | 213.5 | 176.2 | 149.9 | 124.9 | 108.0 |
| 40° | 613.7 | 527.7 | 444.7 | 366.8 | 296.5 | 233.4 | 188.1 | 155.9 | 133.4 | 114.4 | 101.2 |
| 42.5° | 600.6 | 508.7 | 423.1 | 339.7 | 268.5 | 208.8 | 167.7 | 141.9 | 122.8 | 109.3 | 98.3 |
| 45° | 584.1 | 488.8 | 400.7 | 315.5 | 244.8 | 190.2 | 155.9 | 134.3 | 119.4 | 107.6 | 97.4 |
| 47.5° | 563.7 | 467.6 | 379.1 | 297.3 | 228.7 | 180.9 | 153.3 | 134.3 | 119.4 | 106.7 | 95.7 |
| 50° | 544.7 | 448.5 | 362.5 | 285.9 | 221.5 | 181.3 | 155.9 | 136.0 | 119.0 | 105.0 | 92.8 |
| 52.5° | 529.8 | 437.1 | 355.8 | 281.7 | 222.4 | 185.5 | 160.9 | 138.5 | 120.3 | 105.0 | 91.9 |
| 55° | 520.5 | 432.4 | 354.9 | 285.5 | 231.3 | 196.9 | 169.0 | 146.1 | 126.2 | 108.4 | 93.2 |
| 57.5° | 521.8 | 437.5 | 365.1 | 301.1 | 251.6 | 216.9 | 185.1 | 159.7 | 134.7 | 112.7 | 93.6 |
| 60° | 534.9 | 454.5 | 389.7 | 338.0 | 285.5 | 243.5 | 205.4 | 171.5 | 138.5 | 111.4 | 90.6 |
| 62.5° | 568.0 | 494.3 | 441.3 | 388.4 | 327.4 | 269.8 | 217.7 | 173.7 | 134.3 | 105.0 | 83.4 |
| 65° | 630.6 | 565.8 | 515.0 | 449.0 | 362.1 | 280.8 | 216.4 | 167.3 | 126.2 | 94.9 | 73.7 |
| 67.5° | 692.1 | 623.4 | 551.9 | 452.3 | 353.7 | 272.8 | 202.5 | 151.6 | 111.8 | 81.3 | 65.2 |
| 70° | 751.4 | 662.4 | 570.5 | 448.1 | 329.1 | 234.6 | 169.0 | 126.6 | 88.9 | 67.8 | 55.9 |
| 72.5° | 712.4 | 609.9 | 515.9 | 395.2 | 282.9 | 192.7 | 134.7 | 91.9 | 68.2 | 55.9 | 48.3 |
| 75° | 543.8 | 472.7 | 390.9 | 303.3 | 208.8 | 136.0 | 89.8 | 65.2 | 52.5 | 44.0 | 39.4 |
| 77.5° | 391.3 | 338.4 | 271.5 | 199.1 | 130.4 | 86.0 | 61.0 | 46.6 | 39.0 | 33.0 | 30.5 |
| 80° | 227.0 | 194.8 | 152.1 | 109.7 | 74.5 | 53.8 | 40.7 | 33.0 | 28.4 | 24.1 | 23.3 |
| 82.5° | 141.9 | 113.5 | 80.5 | 54.2 | 38.1 | 29.6 | 23.7 | 20.3 | 16.9 | 14.8 | 12.7 |
| 85° | 61.4 | 44.0 | 25.0 | 14.0 | 10.6 | 8.0 | 6.4 | 5.5 | 4.7 | 4.2 | 3.4 |
| 87.5° | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.5 | 2.5 | 2.5 | 2.5 | 2.1 |
| 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: P140126

CATALOG NUMBER: ENV-F01-LED-E1-SLR-7050

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 |
| 2.5° | 277.4 | 276.6 | 276.1 | 276.1 | 275.3 | 275.3 | 274.5 | 274.9 | 274.5 | 273.6 | 273.2 |
| 5° | 279.1 | 277.8 | 277.0 | 276.1 | 274.9 | 274.5 | 273.6 | 273.6 | 272.3 | 271.1 | 270.6 |
| 7.5° | 281.2 | 279.5 | 278.3 | 276.6 | 274.9 | 274.0 | 272.3 | 271.5 | 270.2 | 268.9 | 268.5 |
| 10° | 285.5 | 282.5 | 280.4 | 278.3 | 275.3 | 273.6 | 271.1 | 269.8 | 268.5 | 266.8 | 266.0 |
| 12.5° | 290.1 | 286.3 | 283.3 | 278.3 | 275.3 | 272.3 | 269.8 | 267.3 | 264.7 | 263.0 | 262.6 |
| 15° | 290.1 | 285.5 | 279.1 | 274.5 | 270.2 | 266.0 | 263.4 | 260.9 | 257.9 | 256.7 | 256.2 |
| 17.5° | 282.9 | 274.9 | 268.9 | 263.9 | 260.1 | 256.7 | 254.1 | 252.9 | 250.3 | 247.8 | 246.9 |
| 20° | 266.4 | 257.1 | 250.3 | 244.8 | 240.6 | 237.2 | 236.3 | 235.1 | 233.8 | 233.8 | 234.2 |
| 22.5° | 239.3 | 229.1 | 223.2 | 217.3 | 212.6 | 210.9 | 211.3 | 212.6 | 213.0 | 212.6 | 215.6 |
| 25° | 212.2 | 202.5 | 194.4 | 188.9 | 183.4 | 184.7 | 183.0 | 185.9 | 187.2 | 187.6 | 191.0 |
| 27.5° | 185.9 | 175.3 | 166.9 | 162.2 | 159.7 | 158.0 | 156.7 | 160.5 | 161.4 | 164.3 | 167.3 |
| 30° | 158.0 | 148.2 | 138.5 | 134.7 | 132.6 | 131.3 | 131.7 | 135.1 | 137.2 | 141.5 | 144.0 |
| 32.5° | 132.1 | 120.3 | 113.1 | 108.0 | 105.9 | 105.5 | 105.9 | 108.4 | 111.0 | 116.5 | 120.3 |
| 35° | 110.1 | 98.7 | 92.8 | 89.8 | 86.8 | 85.6 | 86.8 | 87.7 | 88.5 | 93.2 | 97.8 |
| 37.5° | 97.4 | 89.4 | 84.7 | 81.7 | 79.6 | 78.4 | 78.4 | 77.9 | 78.4 | 79.2 | 81.3 |
| 40° | 91.9 | 86.0 | 81.7 | 78.8 | 77.1 | 76.2 | 75.8 | 75.4 | 75.0 | 75.0 | 75.0 |
| 42.5° | 89.8 | 83.0 | 78.8 | 76.2 | 75.4 | 75.4 | 75.4 | 75.0 | 74.1 | 73.3 | 72.8 |
| 45° | 88.1 | 80.9 | 76.2 | 74.1 | 74.1 | 74.1 | 74.5 | 74.1 | 73.3 | 72.0 | 70.7 |
| 47.5° | 85.1 | 77.9 | 73.7 | 72.0 | 72.0 | 72.0 | 72.4 | 72.0 | 71.2 | 70.3 | 69.0 |
| 50° | 81.7 | 74.1 | 69.9 | 68.6 | 68.2 | 68.2 | 67.8 | 67.3 | 66.9 | 66.1 | 64.8 |
| 52.5° | 79.6 | 71.6 | 67.8 | 66.9 | 66.1 | 65.6 | 64.8 | 64.4 | 63.5 | 63.1 | 61.8 |
| 55° | 79.2 | 69.9 | 66.5 | 65.6 | 64.8 | 63.5 | 61.8 | 61.0 | 59.3 | 58.9 | 58.0 |
| 57.5° | 77.9 | 68.2 | 64.4 | 62.3 | 60.1 | 58.9 | 57.2 | 56.3 | 55.5 | 54.6 | 53.8 |
| 60° | 73.7 | 63.1 | 58.4 | 57.2 | 55.9 | 55.5 | 54.6 | 53.8 | 52.5 | 51.2 | 49.6 |
| 62.5° | 65.6 | 56.8 | 53.8 | 53.4 | 52.9 | 52.1 | 51.2 | 50.0 | 49.1 | 47.4 | 45.7 |
| 65° | 59.3 | 53.4 | 51.7 | 50.8 | 50.4 | 49.1 | 48.3 | 47.4 | 46.2 | 44.9 | 43.2 |
| 67.5° | 53.8 | 49.6 | 48.7 | 47.4 | 47.0 | 46.2 | 44.9 | 44.0 | 42.8 | 41.5 | 39.8 |
| 70° | 48.7 | 45.3 | 44.9 | 44.0 | 43.2 | 42.8 | 41.1 | 39.8 | 39.4 | 37.7 | 36.4 |
| 72.5° | 43.2 | 41.1 | 40.2 | 39.4 | 38.5 | 38.1 | 37.3 | 36.4 | 35.6 | 33.9 | 32.2 |
| 75° | 36.0 | 35.2 | 34.7 | 33.9 | 33.5 | 32.6 | 31.3 | 30.1 | 29.6 | 28.4 | 27.1 |
| 77.5° | 28.8 | 28.0 | 28.0 | 27.1 | 25.8 | 24.6 | 23.3 | 21.6 | 21.6 | 21.6 | 20.8 |
| 80° | 20.3 | 19.5 | 18.2 | 17.8 | 16.9 | 16.1 | 14.8 | 14.0 | 13.1 | 13.1 | 13.1 |
| 82.5° | 11.9 | 11.4 | 10.6 | 9.3 | 8.5 | 8.0 | 6.8 | 5.9 | 5.5 | 4.7 | 4.7 |
| 85° | 2.5 | 2.5 | 1.7 | 1.7 | 1.3 | 1.3 | 1.3 | 0.8 | 0.8 | 0.4 | 0.4 |
| 87.5° | 2.1 | 2.1 | 2.1 | 1.7 | 1.7 | 1.7 | 1.3 | 1.3 | 1.3 | 0.8 | 0.8 |
| 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: P140126

CATALOG NUMBER: ENV-F01-LED-E1-SLR-7050

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 |
| 2.5° | 273.2 | 272.8 | 271.9 | 270.2 | 269.8 | 269.4 | 269.8 | 269.8 | 269.4 | 269.8 | 270.2 |
| 5° | 270.6 | 270.2 | 268.9 | 268.1 | 267.3 | 267.3 | 269.8 | 269.8 | 268.5 | 268.9 | 270.6 |
| 7.5° | 268.5 | 268.5 | 267.7 | 267.3 | 267.7 | 268.9 | 271.1 | 272.8 | 272.3 | 274.9 | 275.7 |
| 10° | 266.0 | 266.4 | 266.8 | 268.5 | 271.1 | 273.2 | 276.6 | 279.5 | 280.4 | 282.5 | 283.8 |
| 12.5° | 263.4 | 265.1 | 267.3 | 270.6 | 274.0 | 277.4 | 281.2 | 284.6 | 285.0 | 287.2 | 288.9 |
| 15° | 257.1 | 259.6 | 262.6 | 266.4 | 271.5 | 275.3 | 280.8 | 283.3 | 284.2 | 285.5 | 287.6 |
| 17.5° | 247.3 | 248.6 | 250.7 | 255.0 | 260.5 | 265.6 | 271.9 | 276.1 | 278.7 | 280.4 | 281.2 |
| 20° | 234.2 | 236.8 | 238.0 | 241.8 | 244.8 | 248.6 | 257.1 | 262.6 | 267.7 | 270.2 | 272.8 |
| 22.5° | 216.0 | 219.0 | 221.9 | 225.7 | 227.4 | 230.0 | 238.0 | 246.5 | 254.1 | 259.2 | 262.2 |
| 25° | 193.1 | 196.5 | 200.8 | 205.4 | 207.5 | 210.1 | 219.4 | 227.9 | 237.2 | 246.1 | 250.3 |
| 27.5° | 170.3 | 174.5 | 178.7 | 184.2 | 187.6 | 190.6 | 198.6 | 206.7 | 216.4 | 224.9 | 229.1 |
| 30° | 148.2 | 154.2 | 158.0 | 164.3 | 167.3 | 170.3 | 177.5 | 186.4 | 193.1 | 202.9 | 208.4 |
| 32.5° | 125.4 | 129.6 | 136.8 | 144.0 | 147.4 | 150.4 | 157.1 | 164.8 | 170.7 | 180.4 | 188.5 |
| 35° | 104.6 | 108.4 | 116.0 | 123.2 | 125.4 | 130.0 | 136.8 | 143.6 | 149.1 | 158.0 | 165.6 |
| 37.5° | 85.1 | 91.5 | 97.4 | 102.9 | 107.6 | 111.0 | 117.3 | 123.2 | 126.2 | 134.7 | 142.7 |
| 40° | 75.8 | 78.8 | 83.0 | 88.1 | 91.1 | 94.4 | 99.1 | 104.2 | 107.6 | 113.5 | 120.3 |
| 42.5° | 72.4 | 72.4 | 73.7 | 76.2 | 80.0 | 81.7 | 86.0 | 88.5 | 93.2 | 95.7 | 101.6 |
| 45° | 69.9 | 69.0 | 69.5 | 69.5 | 70.7 | 72.0 | 75.4 | 77.9 | 80.9 | 83.0 | 86.8 |
| 47.5° | 67.8 | 66.1 | 65.6 | 64.8 | 64.4 | 65.2 | 67.8 | 69.9 | 71.2 | 72.8 | 74.1 |
| 50° | 63.1 | 61.8 | 60.6 | 59.7 | 59.3 | 60.1 | 62.3 | 64.0 | 64.4 | 65.2 | 66.1 |
| 52.5° | 60.6 | 58.9 | 57.6 | 56.3 | 56.3 | 57.2 | 58.9 | 60.1 | 60.6 | 61.0 | 61.8 |
| 55° | 57.2 | 56.3 | 55.5 | 54.2 | 53.8 | 55.1 | 56.3 | 57.6 | 58.4 | 58.4 | 59.3 |
| 57.5° | 52.9 | 52.1 | 52.9 | 52.5 | 52.1 | 52.9 | 54.6 | 55.9 | 56.3 | 56.3 | 56.8 |
| 60° | 48.7 | 48.3 | 48.3 | 49.1 | 50.0 | 51.2 | 52.5 | 54.2 | 53.8 | 52.9 | 53.4 |
| 62.5° | 44.9 | 44.5 | 44.9 | 46.2 | 47.4 | 48.7 | 50.4 | 51.7 | 50.4 | 49.6 | 49.6 |
| 65° | 42.4 | 41.9 | 42.4 | 42.8 | 43.2 | 44.5 | 46.6 | 47.0 | 46.2 | 46.2 | 46.2 |
| 67.5° | 39.0 | 38.5 | 38.1 | 38.5 | 39.0 | 39.4 | 41.1 | 41.5 | 41.5 | 41.5 | 41.5 |
| 70° | 34.7 | 34.3 | 33.9 | 33.9 | 33.9 | 34.3 | 34.7 | 35.6 | 36.4 | 37.3 | 37.7 |
| 72.5° | 30.1 | 29.2 | 29.2 | 29.2 | 28.4 | 28.8 | 29.2 | 30.9 | 31.8 | 32.6 | 33.5 |
| 75° | 25.4 | 24.6 | 24.6 | 23.7 | 24.1 | 24.6 | 24.6 | 25.4 | 26.3 | 27.5 | 28.4 |
| 77.5° | 19.9 | 19.9 | 19.9 | 19.5 | 19.5 | 19.9 | 20.3 | 20.3 | 21.2 | 22.4 | 23.7 |
| 80° | 12.7 | 12.7 | 13.6 | 14.0 | 14.4 | 14.8 | 15.7 | 16.1 | 16.5 | 17.8 | 18.2 |
| 82.5° | 4.7 | 5.1 | 5.5 | 5.5 | 6.8 | 8.5 | 8.9 | 10.2 | 11.0 | 12.3 | 12.3 |
| 85° | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.8 | 1.3 | 1.7 | 2.5 | 3.8 | 4.7 |
| 87.5° | 0.8 | 0.4 | 0.4 | 0.4 | 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: P140126

CATALOG NUMBER: ENV-F01-LED-E1-SLR-7050

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 |
| 2.5° | 270.6 | 271.9 | 271.5 | 271.1 | 271.5 | 272.3 | 271.9 | 272.3 | 272.8 | 273.6 | 273.2 |
| 5° | 271.1 | 272.3 | 272.8 | 272.8 | 273.6 | 274.9 | 274.9 | 275.3 | 275.7 | 276.6 | 276.6 |
| 7.5° | 277.0 | 280.0 | 280.0 | 280.4 | 281.7 | 282.9 | 283.3 | 283.8 | 283.3 | 283.3 | 283.3 |
| 10° | 285.9 | 289.3 | 289.7 | 291.8 | 293.5 | 293.1 | 293.1 | 293.5 | 292.7 | 291.8 | 290.5 |
| 12.5° | 290.5 | 293.5 | 294.4 | 296.5 | 299.0 | 299.4 | 300.7 | 301.6 | 300.7 | 298.6 | 296.5 |
| 15° | 289.3 | 291.8 | 293.5 | 296.1 | 299.0 | 300.7 | 303.3 | 304.1 | 303.7 | 301.1 | 298.6 |
| 17.5° | 283.8 | 286.7 | 288.9 | 292.2 | 295.6 | 298.2 | 300.7 | 302.0 | 302.0 | 299.9 | 298.2 |
| 20° | 274.9 | 278.3 | 281.2 | 285.0 | 289.3 | 292.2 | 295.2 | 296.1 | 296.1 | 295.2 | 296.5 |
| 22.5° | 265.6 | 269.4 | 272.8 | 276.6 | 282.1 | 285.0 | 288.4 | 291.0 | 292.2 | 293.9 | 299.4 |
| 25° | 253.7 | 255.4 | 259.6 | 263.9 | 271.5 | 276.6 | 283.8 | 290.5 | 297.3 | 304.9 | 316.0 |
| 27.5° | 232.9 | 235.9 | 241.0 | 246.9 | 254.5 | 263.9 | 277.0 | 290.1 | 302.4 | 313.8 | 327.4 |
| 30° | 215.6 | 221.1 | 226.6 | 233.4 | 241.4 | 250.3 | 265.6 | 282.5 | 297.3 | 310.9 | 325.7 |
| 32.5° | 196.9 | 203.7 | 210.9 | 219.8 | 227.4 | 235.5 | 248.2 | 266.8 | 284.6 | 299.9 | 315.5 |
| 35° | 175.3 | 182.5 | 189.7 | 199.1 | 207.1 | 217.3 | 228.7 | 246.9 | 267.3 | 284.6 | 303.3 |
| 37.5° | 152.1 | 158.4 | 166.5 | 174.9 | 184.2 | 196.1 | 208.4 | 225.3 | 246.5 | 265.1 | 286.3 |
| 40° | 130.0 | 136.8 | 144.8 | 154.2 | 163.5 | 176.2 | 190.2 | 206.3 | 225.7 | 245.7 | 268.1 |
| 42.5° | 109.3 | 118.2 | 126.6 | 136.0 | 145.7 | 157.6 | 172.4 | 189.7 | 209.2 | 230.4 | 254.1 |
| 45° | 91.9 | 98.7 | 107.6 | 115.2 | 125.8 | 137.2 | 152.5 | 172.0 | 194.4 | 216.9 | 241.8 |
| 47.5° | 76.7 | 80.9 | 88.5 | 97.8 | 107.6 | 119.4 | 132.1 | 151.6 | 174.5 | 199.1 | 227.0 |
| 50° | 67.3 | 69.5 | 75.0 | 83.4 | 92.8 | 104.6 | 115.6 | 132.6 | 155.4 | 179.6 | 208.4 |
| 52.5° | 62.7 | 63.5 | 66.5 | 72.8 | 81.7 | 92.3 | 104.2 | 118.6 | 138.9 | 162.6 | 190.2 |
| 55° | 60.1 | 60.6 | 61.4 | 66.1 | 73.7 | 83.4 | 95.3 | 106.7 | 124.9 | 147.4 | 174.1 |
| 57.5° | 57.2 | 57.6 | 58.0 | 60.6 | 66.1 | 74.5 | 84.7 | 94.0 | 110.5 | 130.4 | 155.9 |
| 60° | 54.2 | 55.1 | 55.9 | 56.8 | 60.6 | 66.1 | 73.7 | 81.7 | 93.2 | 110.5 | 131.3 |
| 62.5° | 50.4 | 51.2 | 52.5 | 53.4 | 54.6 | 58.0 | 62.7 | 67.8 | 73.7 | 86.0 | 102.9 |
| 65° | 47.0 | 47.9 | 48.3 | 48.7 | 49.6 | 50.4 | 52.1 | 53.4 | 56.3 | 63.5 | 75.4 |
| 67.5° | 42.4 | 43.2 | 43.2 | 43.6 | 44.0 | 44.0 | 44.9 | 45.3 | 46.2 | 48.3 | 53.4 |
| 70° | 38.5 | 39.0 | 39.4 | 39.8 | 39.8 | 39.8 | 39.4 | 39.8 | 39.4 | 39.4 | 41.5 |
| 72.5° | 33.9 | 34.3 | 34.7 | 35.2 | 35.6 | 36.0 | 36.4 | 36.4 | 36.0 | 35.2 | 35.2 |
| 75° | 28.8 | 28.8 | 29.6 | 30.1 | 30.5 | 31.8 | 32.6 | 31.8 | 31.8 | 31.3 | 31.3 |
| 77.5° | 24.1 | 25.0 | 25.4 | 25.4 | 26.3 | 27.5 | 28.4 | 28.0 | 26.7 | 26.7 | 27.1 |
| 80° | 18.6 | 19.1 | 19.5 | 19.9 | 20.3 | 21.6 | 22.9 | 23.3 | 22.4 | 22.9 | 22.9 |
| 82.5° | 12.3 | 12.7 | 13.6 | 14.0 | 14.4 | 15.7 | 16.9 | 18.2 | 17.8 | 18.6 | 17.8 |
| 85° | 5.5 | 6.4 | 6.8 | 6.8 | 8.0 | 9.3 | 11.0 | 12.3 | 14.0 | 14.4 | 13.1 |
| 87.5° | 0.0 | 0.4 | 0.4 | 0.4 | 1.7 | 3.0 | 5.5 | 8.5 | 11.4 | 8.9 | 6.8 |
| 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: P140126

CATALOG NUMBER: ENV-F01-LED-E1-SLR-7050

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| 0° | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 |
| 2.5° | 273.2 | 273.6 | 274.0 | 274.5 | 274.5 | 275.3 | 275.7 | 276.6 | 277.0 | 277.0 | 277.0 |
| 5° | 277.0 | 277.0 | 277.8 | 278.3 | 278.7 | 280.0 | 280.4 | 281.7 | 282.9 | 283.3 | 284.6 |
| 7.5° | 282.5 | 282.5 | 282.5 | 283.8 | 284.2 | 285.0 | 285.9 | 288.0 | 289.7 | 290.5 | 291.8 |
| 10° | 289.7 | 288.4 | 288.0 | 288.4 | 288.4 | 289.3 | 291.4 | 292.7 | 294.8 | 298.6 | 301.1 |
| 12.5° | 293.9 | 291.8 | 291.8 | 290.5 | 291.4 | 292.2 | 294.4 | 297.3 | 300.7 | 306.2 | 311.3 |
| 15° | 296.5 | 294.4 | 294.4 | 294.4 | 296.5 | 298.2 | 302.0 | 306.6 | 313.0 | 320.6 | 328.2 |
| 17.5° | 297.3 | 297.3 | 299.0 | 300.3 | 304.9 | 308.3 | 315.1 | 321.9 | 329.9 | 340.5 | 352.0 |
| 20° | 299.4 | 302.8 | 307.5 | 310.9 | 316.0 | 321.5 | 328.2 | 338.4 | 352.0 | 365.5 | 380.8 |
| 22.5° | 306.6 | 315.1 | 321.0 | 328.7 | 337.1 | 343.9 | 352.0 | 366.4 | 381.2 | 398.1 | 417.2 |
| 25° | 327.8 | 339.7 | 350.7 | 359.2 | 371.9 | 383.3 | 394.7 | 415.5 | 434.5 | 454.0 | 479.9 |
| 27.5° | 344.3 | 360.0 | 376.5 | 390.1 | 410.0 | 426.5 | 442.2 | 467.2 | 488.3 | 520.5 | 548.1 |
| 30° | 345.6 | 365.1 | 387.5 | 409.6 | 434.5 | 458.3 | 487.5 | 512.1 | 543.4 | 581.9 | 617.9 |
| 32.5° | 338.0 | 359.2 | 385.0 | 411.7 | 443.0 | 475.2 | 509.9 | 549.3 | 585.3 | 628.5 | 675.5 |
| 35° | 326.5 | 350.7 | 379.1 | 409.1 | 445.6 | 484.1 | 525.6 | 574.7 | 620.1 | 673.8 | 732.3 |
| 37.5° | 312.6 | 339.7 | 371.9 | 407.0 | 447.7 | 493.0 | 545.1 | 603.5 | 662.0 | 732.3 | 805.1 |
| 40° | 296.5 | 324.4 | 360.9 | 401.1 | 450.2 | 506.6 | 570.5 | 639.1 | 715.8 | 799.6 | 878.0 |
| 42.5° | 281.7 | 310.5 | 348.6 | 393.9 | 453.2 | 525.2 | 605.7 | 690.8 | 779.3 | 864.9 | 954.2 |
| 45° | 271.1 | 301.6 | 340.5 | 391.8 | 460.8 | 546.8 | 640.4 | 739.1 | 837.8 | 931.4 | 1028.8 |
| 47.5° | 259.6 | 292.2 | 335.9 | 393.0 | 468.9 | 562.9 | 666.2 | 775.1 | 879.7 | 987.3 | 1089.3 |
| 50° | 241.4 | 280.0 | 331.6 | 396.4 | 476.1 | 573.0 | 682.7 | 798.4 | 912.7 | 1028.8 | 1141.9 |
| 52.5° | 221.9 | 260.5 | 320.6 | 395.2 | 478.6 | 576.0 | 691.2 | 813.6 | 935.6 | 1058.0 | 1178.3 |
| 55° | 204.1 | 241.0 | 301.6 | 383.3 | 473.1 | 573.0 | 693.8 | 822.5 | 950.4 | 1079.6 | 1199.0 |
| 57.5° | 185.1 | 222.4 | 276.1 | 359.2 | 453.6 | 560.3 | 684.9 | 818.3 | 955.5 | 1093.6 | 1210.9 |
| 60° | 160.1 | 197.4 | 247.8 | 321.5 | 419.3 | 531.1 | 656.1 | 792.4 | 933.1 | 1080.4 | 1197.3 |
| 62.5° | 127.9 | 163.1 | 208.8 | 274.5 | 372.7 | 481.6 | 603.5 | 739.1 | 866.6 | 1027.5 | 1146.5 |
| 65° | 91.9 | 121.6 | 159.7 | 218.1 | 302.8 | 413.8 | 537.9 | 656.5 | 772.1 | 933.1 | 1065.2 |
| 67.5° | 62.3 | 82.6 | 110.1 | 155.4 | 226.6 | 323.6 | 439.6 | 548.9 | 664.1 | 814.5 | 968.6 |
| 70° | 45.3 | 56.3 | 71.6 | 100.8 | 149.9 | 224.5 | 316.4 | 417.2 | 512.9 | 650.6 | 815.7 |
| 72.5° | 36.8 | 42.4 | 50.8 | 64.4 | 91.5 | 138.5 | 208.4 | 286.3 | 364.7 | 457.8 | 615.4 |
| 75° | 32.6 | 35.6 | 40.2 | 47.0 | 56.3 | 80.5 | 122.0 | 178.3 | 241.4 | 300.3 | 432.0 |
| 77.5° | 28.8 | 30.5 | 32.6 | 35.6 | 40.2 | 49.6 | 72.0 | 102.9 | 142.3 | 189.3 | 268.5 |
| 80° | 22.9 | 24.6 | 26.3 | 28.4 | 31.3 | 35.2 | 44.5 | 59.3 | 82.6 | 104.2 | 153.3 |
| 82.5° | 17.8 | 19.5 | 21.2 | 23.7 | 24.6 | 25.0 | 28.8 | 33.9 | 43.6 | 58.9 | 87.7 |
| 85° | 13.1 | 14.4 | 15.2 | 16.1 | 16.1 | 16.5 | 17.4 | 18.6 | 25.0 | 43.2 | 64.0 |
| 87.5° | 5.9 | 5.9 | 5.9 | 5.1 | 5.5 | 4.2 | 4.7 | 5.1 | 8.0 | 9.3 | 14.8 |
| 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: P140126
 CATALOG NUMBER: ENV-F01-LED-E1-SLR-7050

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° | |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 0° | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 | 0° |
| 2.5° | 278.3 | 278.3 | 277.8 | 277.8 | 279.1 | 278.7 | 279.5 | 279.5 | 279.1 | 279.1 | 280.4 | 2.5° |
| 5° | 285.5 | 286.7 | 285.9 | 287.2 | 288.0 | 288.4 | 289.3 | 288.4 | 290.1 | 288.0 | 288.4 | 5° |
| 7.5° | 294.8 | 295.6 | 296.5 | 298.2 | 300.3 | 300.7 | 302.0 | 301.6 | 302.8 | 301.6 | 299.9 | 7.5° |
| 10° | 304.5 | 307.5 | 310.5 | 311.7 | 316.0 | 316.8 | 316.8 | 318.9 | 321.0 | 318.5 | 315.5 | 10° |
| 12.5° | 316.0 | 321.5 | 327.4 | 330.4 | 334.2 | 337.1 | 335.9 | 340.1 | 342.2 | 340.5 | 338.4 | 12.5° |
| 15° | 335.9 | 344.3 | 351.1 | 355.8 | 359.2 | 365.1 | 364.2 | 372.3 | 375.3 | 374.0 | 374.4 | 15° |
| 17.5° | 362.1 | 373.6 | 385.0 | 393.0 | 396.4 | 404.9 | 406.2 | 418.9 | 426.9 | 425.7 | 423.5 | 17.5° |
| 20° | 395.6 | 412.1 | 428.2 | 438.4 | 439.6 | 461.7 | 466.7 | 477.8 | 486.6 | 490.0 | 489.6 | 20° |
| 22.5° | 437.9 | 457.4 | 475.2 | 494.7 | 512.9 | 529.0 | 540.4 | 560.3 | 568.4 | 576.0 | 573.9 | 22.5° |
| 25° | 496.4 | 523.5 | 554.8 | 571.8 | 596.3 | 611.2 | 636.6 | 662.0 | 670.0 | 677.2 | 686.6 | 25° |
| 27.5° | 579.8 | 616.7 | 638.7 | 676.4 | 703.1 | 724.7 | 764.9 | 799.2 | 818.7 | 812.8 | 809.8 | 27.5° |
| 30° | 659.4 | 704.8 | 758.1 | 810.2 | 847.5 | 901.7 | 931.4 | 959.3 | 972.0 | 953.4 | 929.7 | 30° |
| 32.5° | 726.8 | 793.3 | 871.6 | 950.8 | 1020.3 | 1083.8 | 1102.5 | 1116.0 | 1091.9 | 1066.5 | 997.0 | 32.5° |
| 35° | 797.5 | 881.8 | 972.4 | 1074.1 | 1146.9 | 1209.2 | 1247.7 | 1262.1 | 1210.5 | 1135.1 | 1041.1 | 35° |
| 37.5° | 882.2 | 969.5 | 1067.3 | 1178.7 | 1261.3 | 1324.4 | 1341.3 | 1347.7 | 1278.2 | 1180.8 | 1089.3 | 37.5° |
| 40° | 959.3 | 1058.8 | 1178.7 | 1281.6 | 1382.9 | 1435.8 | 1445.5 | 1442.1 | 1349.8 | 1234.6 | 1149.1 | 40° |
| 42.5° | 1044.4 | 1150.3 | 1285.4 | 1404.5 | 1493.4 | 1547.6 | 1538.7 | 1523.9 | 1418.9 | 1302.4 | 1207.9 | 42.5° |
| 45° | 1127.0 | 1237.6 | 1385.4 | 1515.8 | 1598.4 | 1638.2 | 1622.1 | 1585.3 | 1484.1 | 1354.5 | 1254.1 | 45° |
| 47.5° | 1199.5 | 1310.4 | 1468.0 | 1603.9 | 1668.7 | 1702.2 | 1684.8 | 1638.2 | 1529.0 | 1389.6 | 1279.5 | 47.5° |
| 50° | 1257.5 | 1381.2 | 1534.9 | 1665.4 | 1722.1 | 1747.5 | 1737.4 | 1670.0 | 1555.2 | 1411.2 | 1290.9 | 50° |
| 52.5° | 1302.8 | 1433.7 | 1585.7 | 1707.7 | 1748.8 | 1773.8 | 1767.8 | 1675.9 | 1558.6 | 1414.6 | 1285.4 | 52.5° |
| 55° | 1326.5 | 1458.7 | 1601.4 | 1725.5 | 1758.5 | 1786.9 | 1766.2 | 1653.9 | 1536.2 | 1401.9 | 1266.4 | 55° |
| 57.5° | 1329.9 | 1457.0 | 1588.3 | 1709.4 | 1750.5 | 1763.6 | 1733.1 | 1612.0 | 1490.4 | 1362.5 | 1239.3 | 57.5° |
| 60° | 1297.7 | 1410.4 | 1535.7 | 1662.4 | 1720.8 | 1711.5 | 1669.6 | 1539.1 | 1425.6 | 1307.9 | 1209.2 | 60° |
| 62.5° | 1225.7 | 1313.8 | 1432.8 | 1558.2 | 1637.8 | 1613.7 | 1579.8 | 1454.9 | 1339.2 | 1221.5 | 1162.6 | 62.5° |
| 65° | 1133.4 | 1191.0 | 1270.2 | 1393.0 | 1466.7 | 1459.9 | 1444.3 | 1351.5 | 1236.7 | 1124.5 | 1086.8 | 65° |
| 67.5° | 1042.8 | 1080.9 | 1122.4 | 1213.0 | 1247.3 | 1240.5 | 1242.7 | 1180.0 | 1097.0 | 987.7 | 988.5 | 67.5° |
| 70° | 903.4 | 935.2 | 976.7 | 1033.0 | 1069.4 | 1032.2 | 988.1 | 920.8 | 872.5 | 857.7 | 905.5 | 70° |
| 72.5° | 702.6 | 744.6 | 774.2 | 828.9 | 860.6 | 840.3 | 804.3 | 745.4 | 690.8 | 709.8 | 817.0 | 72.5° |
| 75° | 528.2 | 552.3 | 595.1 | 645.5 | 665.4 | 653.1 | 679.4 | 686.1 | 665.0 | 652.2 | 688.7 | 75° |
| 77.5° | 371.4 | 396.0 | 444.7 | 502.3 | 545.1 | 571.8 | 613.7 | 667.1 | 672.2 | 653.5 | 584.5 | 77.5° |
| 80° | 249.5 | 266.4 | 296.5 | 346.0 | 415.1 | 484.5 | 542.6 | 614.6 | 606.9 | 566.7 | 491.3 | 80° |
| 82.5° | 152.9 | 172.4 | 197.8 | 240.6 | 290.5 | 357.9 | 412.5 | 473.1 | 471.0 | 434.1 | 396.9 | 82.5° |
| 85° | 102.5 | 133.0 | 165.6 | 197.8 | 222.4 | 243.5 | 264.3 | 327.8 | 352.4 | 324.0 | 283.3 | 85° |
| 87.5° | 43.2 | 72.8 | 92.3 | 97.0 | 105.0 | 105.9 | 127.5 | 157.1 | 168.6 | 192.3 | 189.7 | 87.5° |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 90° |



NUMBER: P140126

NUMBER: ENV-F01-LED-E1-SLR-7050

DISTRIBUTION (continued):

| 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|-------|-------|-------|-------|-------|
| 274.9 | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 | 274.9 |
| 280.8 | 280.4 | 280.4 | 280.4 | 280.8 | 280.4 | 280.8 |
| 289.3 | 288.4 | 288.0 | 288.0 | 287.6 | 287.6 | 287.6 |
| 300.3 | 298.6 | 298.6 | 297.3 | 296.9 | 295.6 | 295.6 |
| 315.1 | 313.4 | 313.0 | 309.6 | 309.6 | 306.6 | 307.9 |
| 336.7 | 336.7 | 336.7 | 332.5 | 331.6 | 326.5 | 325.7 |
| 374.0 | 370.6 | 373.6 | 366.4 | 365.9 | 359.2 | 357.5 |
| 424.4 | 424.4 | 418.5 | 415.1 | 412.9 | 403.2 | 398.5 |
| 491.3 | 491.7 | 481.6 | 472.2 | 468.0 | 457.0 | 449.0 |
| 576.4 | 568.4 | 555.7 | 548.9 | 542.1 | 523.9 | 505.7 |
| 688.2 | 684.9 | 662.4 | 637.8 | 627.7 | 600.2 | 570.5 |
| 797.9 | 790.7 | 754.7 | 712.8 | 687.0 | 649.3 | 610.3 |
| 894.5 | 847.1 | 804.3 | 753.9 | 714.5 | 667.5 | 618.8 |
| 944.9 | 885.2 | 822.9 | 781.4 | 731.9 | 679.8 | 624.7 |
| 983.9 | 919.9 | 858.1 | 804.3 | 748.4 | 689.5 | 626.4 |
| 1033.4 | 966.1 | 897.9 | 833.9 | 765.8 | 696.7 | 623.9 |
| 1088.5 | 1011.4 | 927.1 | 849.6 | 773.0 | 694.2 | 613.7 |
| 1134.2 | 1041.1 | 941.9 | 854.7 | 770.4 | 683.6 | 600.6 |
| 1159.6 | 1053.3 | 943.2 | 849.2 | 760.3 | 670.5 | 584.1 |
| 1171.5 | 1053.8 | 934.7 | 836.9 | 746.7 | 651.8 | 563.7 |
| 1170.2 | 1043.2 | 918.7 | 820.4 | 731.4 | 632.3 | 544.7 |
| 1157.5 | 1025.8 | 900.0 | 807.3 | 718.3 | 615.8 | 529.8 |
| 1138.0 | 1007.2 | 881.4 | 798.4 | 707.3 | 602.3 | 520.5 |
| 1116.0 | 991.1 | 867.8 | 796.7 | 701.0 | 599.7 | 521.8 |
| 1106.3 | 992.8 | 876.3 | 784.8 | 697.6 | 605.2 | 534.9 |
| 1099.9 | 1008.9 | 893.7 | 792.9 | 703.1 | 628.5 | 568.0 |
| 1074.1 | 1031.3 | 920.3 | 821.7 | 742.9 | 683.2 | 630.6 |
| 1043.2 | 1037.7 | 930.9 | 838.6 | 788.2 | 754.3 | 692.1 |
| 1011.0 | 1030.9 | 946.2 | 883.1 | 855.1 | 841.6 | 751.4 |
| 959.3 | 982.2 | 903.4 | 865.7 | 857.2 | 847.5 | 712.4 |
| 800.1 | 804.3 | 744.2 | 723.4 | 738.2 | 715.4 | 543.8 |
| 575.2 | 586.2 | 547.2 | 552.7 | 601.0 | 551.4 | 391.3 |
| 426.1 | 382.9 | 358.3 | 374.8 | 421.0 | 350.3 | 227.0 |
| 351.1 | 284.2 | 241.0 | 263.4 | 281.2 | 206.7 | 141.9 |
| 270.2 | 216.9 | 178.3 | 144.0 | 137.2 | 88.5 | 61.4 |
| 212.2 | 156.7 | 87.2 | 49.1 | 33.0 | 2.1 | 2.1 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)