

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: P141578

Luminaire Tested: **EMM-E01-LED-E1-SLR-8030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P141578
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33693)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: EMM-E01-LED-E1-SLR-8030
Description: EPIC MODERN MEDIUM DECORATIVE LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (21) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2207.5 lumens
Efficiency: N/A
Efficacy: 89.4 lumens/watt
Luminous Opening: Rectangular (W 0.17' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G1

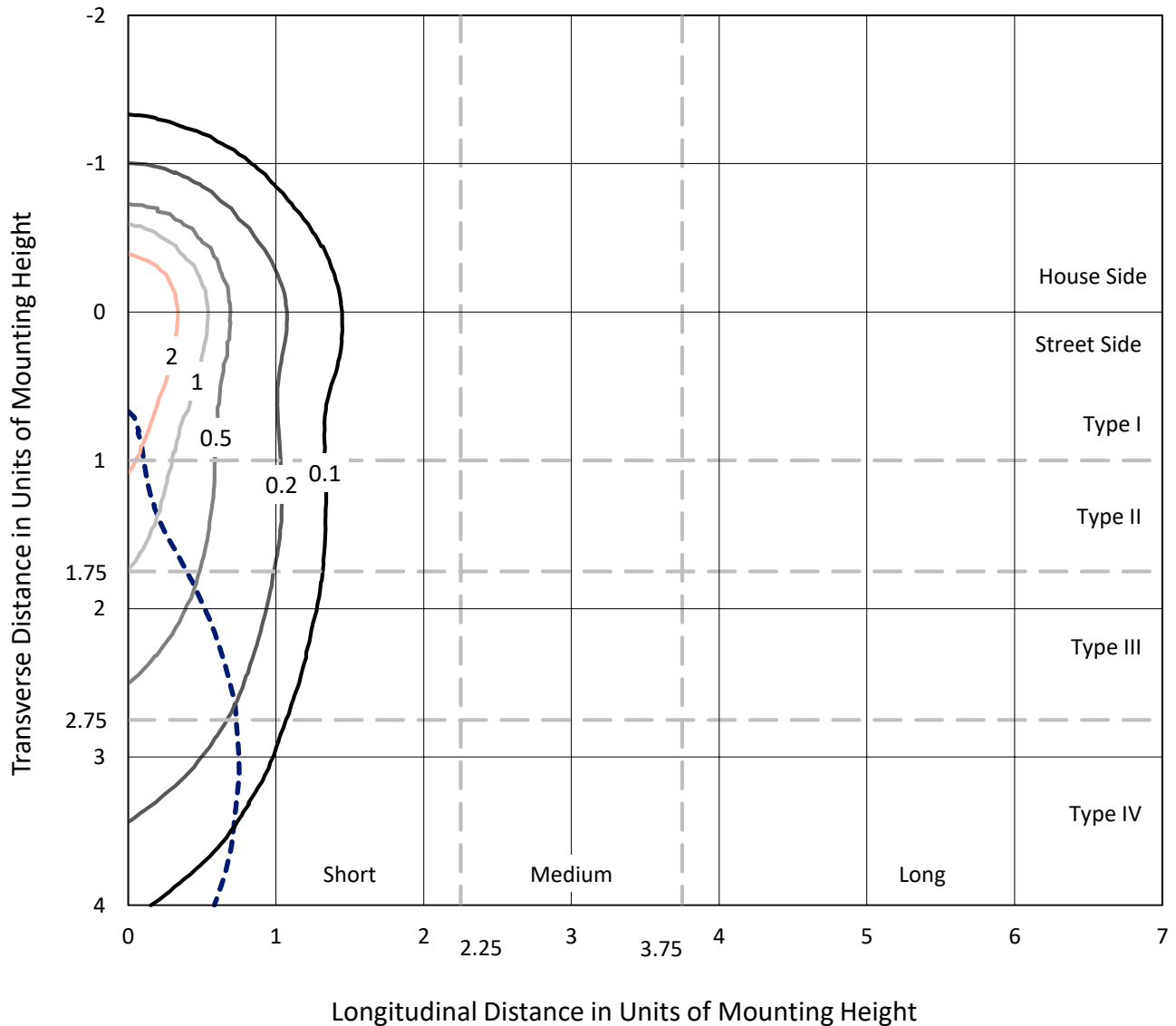
Input Watts (W): 24.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

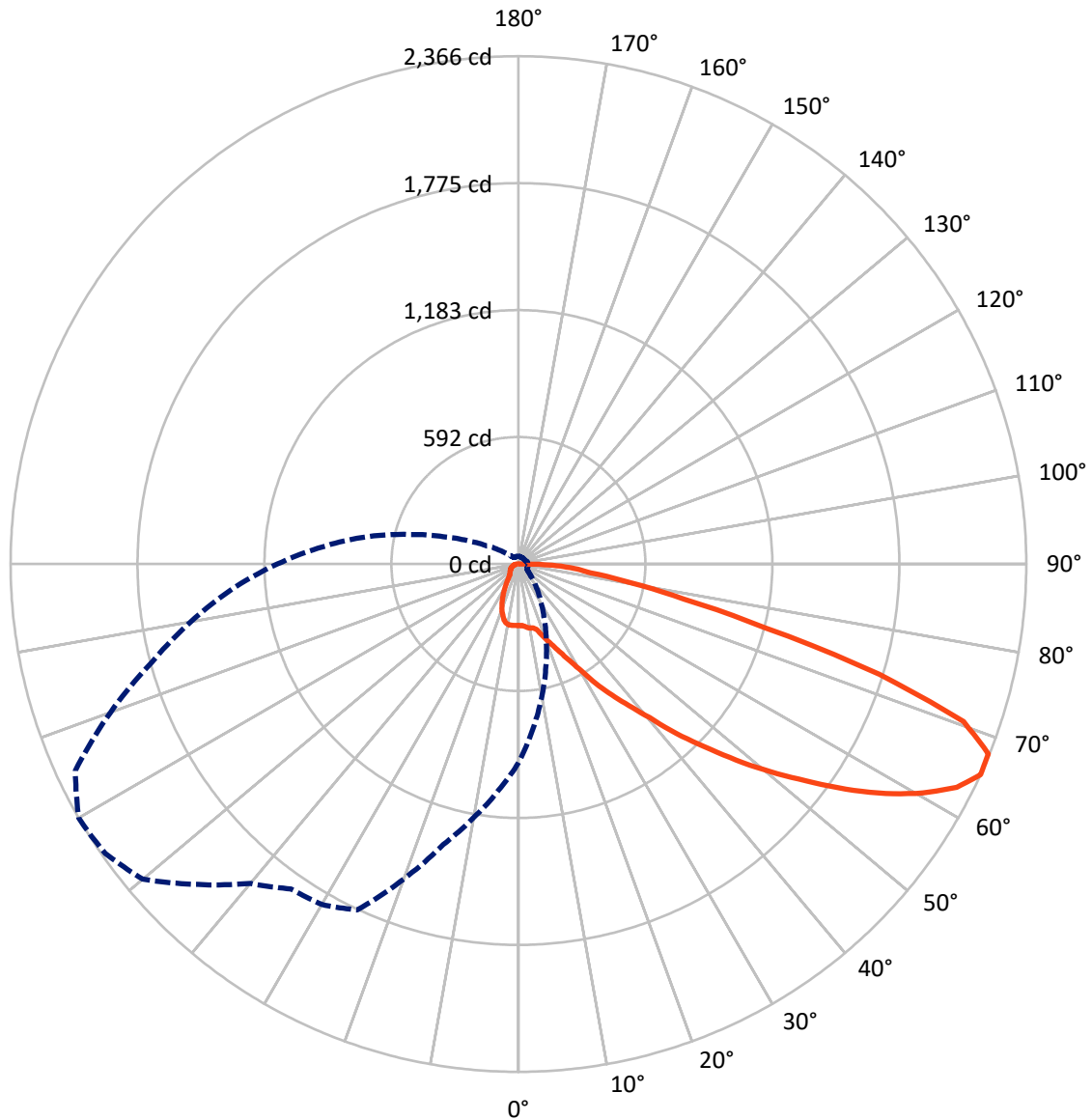
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 2.9 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 300-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 409.4 | 0.0 | 409.4 |
| | % Fixture | 18.5 | 0.0 | 18.5 |
| Street Side | Lumens | 1798.0 | 0.0 | 1798.0 |
| | % Fixture | 81.5 | 0.0 | 81.5 |
| Total | Lumens | 2207.5 | 0.0 | 2207.5 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 27.8 | 1.3 |
| 10°-20° | 83.4 | 3.8 |
| 20°-30° | 138.5 | 6.3 |
| 30°-40° | 202.5 | 9.2 |
| 40°-50° | 308.1 | 14.0 |
| 50°-60° | 442.8 | 20.1 |
| 60°-70° | 544.4 | 24.7 |
| 70°-80° | 364.2 | 16.5 |
| 80°-90° | 95.8 | 4.3 |
| 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° | 2207.5 | 100.0 |
| 0°-180° | 2207.5 | 100.0 |



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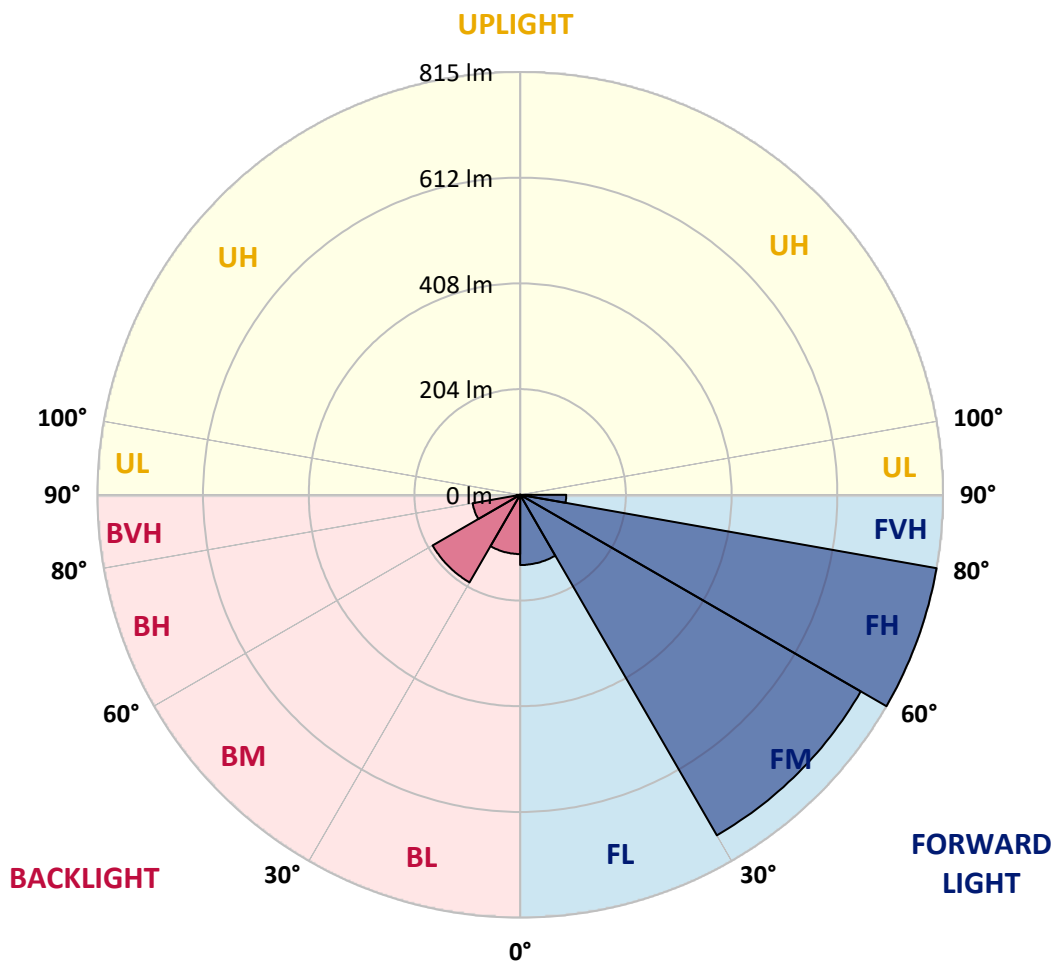
CATALOG NUMBER: EMM-E01-LED-E1-SLR-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 135.4 | 6.1 | | | |
| FM | (30°-60°) | 758.4 | 34.4 | | | |
| FH | (60°-80°) | 815.4 | 36.9 | | | G1/1800 |
| FVH | (80°-90°) | 88.8 | 4.0 | | | G1/100 |
| BL | (0°-30°) | 114.3 | 5.2 | B1/500 | | |
| BM | (30°-60°) | 195.0 | 8.8 | B0/220 | | |
| BH | (60°-80°) | 93.2 | 4.2 | B0/110 | | G0/110 |
| BVH | (80°-90°) | 7.0 | 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





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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 |
| 2.5° | 287.2 | 288.1 | 288.1 | 287.5 | 287.2 | 287.5 | 287.8 | 287.5 | 287.8 | 288.4 | 288.1 |
| 5° | 283.6 | 284.1 | 284.4 | 284.4 | 284.4 | 285.0 | 285.8 | 285.6 | 286.4 | 287.0 | 287.0 |
| 7.5° | 274.9 | 276.0 | 276.0 | 276.3 | 276.8 | 277.7 | 279.1 | 279.6 | 281.0 | 283.0 | 283.6 |
| 10° | 269.5 | 269.8 | 269.0 | 268.7 | 269.2 | 270.9 | 271.8 | 273.2 | 275.4 | 277.7 | 279.9 |
| 12.5° | 270.9 | 271.2 | 269.8 | 270.1 | 270.1 | 270.9 | 273.5 | 274.6 | 275.4 | 276.8 | 279.1 |
| 15° | 282.5 | 282.5 | 280.8 | 281.3 | 281.6 | 282.7 | 282.7 | 280.8 | 280.2 | 278.8 | 277.7 |
| 17.5° | 297.9 | 295.7 | 295.4 | 295.1 | 296.2 | 295.1 | 292.6 | 288.1 | 282.7 | 277.1 | 272.6 |
| 20° | 314.0 | 314.2 | 312.6 | 312.3 | 309.2 | 305.2 | 297.9 | 288.9 | 279.4 | 270.6 | 261.6 |
| 22.5° | 337.9 | 338.4 | 335.3 | 329.2 | 322.4 | 312.0 | 298.8 | 285.0 | 271.2 | 259.1 | 248.7 |
| 25° | 374.2 | 368.3 | 361.2 | 348.3 | 331.1 | 312.8 | 294.6 | 277.4 | 259.4 | 243.4 | 230.1 |
| 27.5° | 410.2 | 398.4 | 379.5 | 358.4 | 334.2 | 310.6 | 288.9 | 265.9 | 244.5 | 225.1 | 209.9 |
| 30° | 443.7 | 421.7 | 394.7 | 364.6 | 333.7 | 303.3 | 275.7 | 249.5 | 224.2 | 203.4 | 185.4 |
| 32.5° | 477.7 | 445.6 | 408.2 | 366.0 | 325.2 | 288.9 | 257.1 | 227.0 | 202.0 | 176.7 | 157.3 |
| 35° | 520.5 | 472.1 | 416.4 | 360.7 | 310.6 | 266.4 | 232.4 | 203.7 | 176.7 | 151.1 | 130.8 |
| 37.5° | 559.6 | 493.2 | 420.6 | 351.7 | 291.5 | 243.1 | 205.7 | 176.4 | 151.1 | 129.4 | 112.0 |
| 40° | 588.3 | 507.0 | 420.0 | 340.1 | 272.0 | 219.2 | 182.3 | 155.9 | 133.1 | 115.9 | 102.4 |
| 42.5° | 610.8 | 514.8 | 417.2 | 329.2 | 255.2 | 201.7 | 167.1 | 142.9 | 124.9 | 111.1 | 100.7 |
| 45° | 626.2 | 520.5 | 415.5 | 320.4 | 243.9 | 193.3 | 162.0 | 141.8 | 126.6 | 114.2 | 102.4 |
| 47.5° | 639.7 | 526.9 | 415.0 | 316.5 | 241.4 | 195.8 | 168.8 | 150.5 | 133.9 | 117.9 | 102.1 |
| 50° | 653.2 | 533.4 | 420.0 | 323.0 | 250.9 | 209.9 | 184.6 | 161.2 | 138.4 | 116.8 | 97.3 |
| 52.5° | 671.8 | 552.3 | 438.9 | 341.5 | 271.8 | 229.6 | 199.5 | 169.9 | 139.3 | 113.9 | 92.8 |
| 55° | 699.7 | 581.5 | 465.9 | 366.0 | 294.3 | 250.9 | 211.6 | 173.3 | 138.4 | 110.8 | 88.6 |
| 57.5° | 745.2 | 624.6 | 502.7 | 400.1 | 323.5 | 267.5 | 218.3 | 174.7 | 136.4 | 107.5 | 85.2 |
| 60° | 802.9 | 673.8 | 549.2 | 435.8 | 348.6 | 279.1 | 221.1 | 174.1 | 133.6 | 103.5 | 80.5 |
| 62.5° | 868.5 | 727.8 | 591.1 | 468.4 | 366.6 | 284.4 | 220.0 | 169.6 | 127.2 | 95.4 | 73.7 |
| 65° | 926.1 | 770.8 | 626.2 | 494.6 | 377.8 | 284.4 | 213.0 | 159.2 | 115.6 | 83.8 | 65.0 |
| 67.5° | 973.4 | 807.1 | 653.2 | 509.8 | 379.0 | 274.6 | 196.1 | 140.4 | 97.3 | 69.5 | 54.9 |
| 70° | 998.2 | 818.7 | 661.7 | 508.1 | 360.1 | 246.2 | 165.1 | 109.2 | 71.5 | 54.0 | 44.2 |
| 72.5° | 970.9 | 791.4 | 625.7 | 459.1 | 300.5 | 183.7 | 115.6 | 74.3 | 51.2 | 41.9 | 36.6 |
| 75° | 864.0 | 671.5 | 520.7 | 355.0 | 215.2 | 114.5 | 71.7 | 52.0 | 40.5 | 34.9 | 32.1 |
| 77.5° | 645.1 | 500.5 | 358.4 | 224.8 | 123.2 | 69.5 | 50.4 | 39.7 | 34.0 | 30.7 | 28.1 |
| 80° | 405.7 | 308.3 | 215.5 | 123.8 | 70.3 | 51.2 | 41.9 | 35.4 | 30.9 | 26.7 | 24.2 |
| 82.5° | 225.9 | 164.3 | 109.7 | 70.6 | 49.0 | 41.4 | 36.3 | 32.6 | 27.6 | 23.4 | 20.8 |
| 85° | 154.5 | 101.6 | 69.2 | 46.4 | 33.8 | 30.1 | 27.0 | 24.8 | 21.1 | 17.7 | 16.3 |
| 87.5° | 62.7 | 58.5 | 42.5 | 18.6 | 13.8 | 12.4 | 11.0 | 13.5 | 11.3 | 8.7 | 8.2 |
| 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: EMM-E01-LED-E1-SLR-8030

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 |
| 2.5° | 288.6 | 288.1 | 288.4 | 288.1 | 287.8 | 287.5 | 287.2 | 287.5 | 287.0 | 287.2 | 287.2 |
| 5° | 287.8 | 287.2 | 288.1 | 287.8 | 287.2 | 287.2 | 287.0 | 287.0 | 287.0 | 287.0 | 287.2 |
| 7.5° | 285.3 | 285.3 | 286.1 | 286.1 | 285.6 | 285.6 | 285.0 | 284.7 | 284.7 | 285.0 | 285.6 |
| 10° | 281.9 | 282.7 | 284.1 | 283.6 | 282.5 | 281.9 | 281.0 | 280.5 | 280.2 | 280.8 | 281.3 |
| 12.5° | 279.4 | 279.9 | 279.1 | 278.2 | 276.5 | 274.6 | 274.3 | 272.9 | 272.0 | 273.5 | 273.5 |
| 15° | 275.1 | 272.9 | 269.8 | 267.0 | 263.0 | 261.1 | 258.8 | 258.3 | 256.3 | 256.6 | 258.0 |
| 17.5° | 266.1 | 260.2 | 255.4 | 252.6 | 249.3 | 247.9 | 245.3 | 243.9 | 242.5 | 241.1 | 241.9 |
| 20° | 253.5 | 247.0 | 240.8 | 237.2 | 231.8 | 230.7 | 226.5 | 226.5 | 224.8 | 225.1 | 226.8 |
| 22.5° | 237.4 | 227.6 | 219.7 | 215.2 | 209.6 | 207.3 | 205.4 | 204.0 | 203.1 | 204.8 | 202.8 |
| 25° | 216.3 | 204.5 | 197.2 | 190.7 | 184.6 | 182.3 | 179.8 | 178.9 | 179.2 | 178.1 | 180.1 |
| 27.5° | 194.7 | 180.1 | 172.2 | 164.9 | 160.4 | 156.4 | 154.5 | 153.9 | 152.8 | 155.9 | 154.2 |
| 30° | 167.4 | 154.2 | 144.9 | 137.3 | 131.9 | 130.0 | 128.0 | 127.4 | 129.1 | 126.9 | 125.8 |
| 32.5° | 139.8 | 125.5 | 117.6 | 111.1 | 107.2 | 103.2 | 102.7 | 101.6 | 99.6 | 102.1 | 101.6 |
| 35° | 114.8 | 102.7 | 94.5 | 90.6 | 85.2 | 83.6 | 80.2 | 79.3 | 79.6 | 80.2 | 79.9 |
| 37.5° | 99.6 | 91.2 | 83.8 | 78.5 | 74.6 | 72.3 | 71.2 | 70.1 | 70.1 | 69.5 | 69.2 |
| 40° | 92.6 | 85.5 | 78.8 | 73.7 | 70.6 | 68.9 | 67.8 | 66.7 | 65.8 | 65.0 | 64.1 |
| 42.5° | 91.4 | 83.0 | 75.4 | 70.3 | 67.5 | 67.0 | 66.7 | 65.8 | 64.7 | 63.3 | 62.2 |
| 45° | 90.6 | 79.9 | 72.0 | 67.5 | 65.5 | 65.3 | 65.3 | 64.4 | 63.6 | 62.2 | 60.5 |
| 47.5° | 87.8 | 76.0 | 68.4 | 65.0 | 64.1 | 64.4 | 64.1 | 63.3 | 62.7 | 61.3 | 59.4 |
| 50° | 81.6 | 70.1 | 62.7 | 60.2 | 59.9 | 59.6 | 59.6 | 59.4 | 58.8 | 57.7 | 55.7 |
| 52.5° | 76.2 | 64.7 | 58.8 | 57.1 | 56.5 | 56.5 | 56.0 | 55.7 | 54.6 | 53.7 | 52.3 |
| 55° | 72.9 | 61.9 | 56.8 | 55.7 | 55.7 | 55.4 | 54.9 | 54.0 | 53.2 | 52.0 | 50.4 |
| 57.5° | 69.8 | 59.6 | 55.4 | 54.6 | 54.9 | 54.6 | 54.0 | 53.5 | 52.3 | 50.9 | 49.0 |
| 60° | 65.3 | 56.3 | 52.6 | 52.3 | 52.9 | 53.5 | 53.2 | 52.9 | 52.0 | 50.1 | 47.3 |
| 62.5° | 58.8 | 50.6 | 47.8 | 48.4 | 49.0 | 49.5 | 49.2 | 49.0 | 48.1 | 46.4 | 43.9 |
| 65° | 52.3 | 46.4 | 44.7 | 45.3 | 45.9 | 45.9 | 45.9 | 45.3 | 44.7 | 42.8 | 40.8 |
| 67.5° | 46.1 | 42.5 | 41.9 | 42.5 | 42.8 | 42.8 | 43.0 | 42.5 | 41.6 | 40.2 | 38.3 |
| 70° | 39.4 | 37.7 | 37.7 | 38.3 | 38.5 | 38.3 | 38.5 | 37.7 | 36.9 | 36.0 | 34.0 |
| 72.5° | 35.2 | 35.2 | 34.9 | 34.9 | 34.9 | 34.3 | 34.0 | 33.5 | 32.6 | 31.8 | 30.1 |
| 75° | 31.2 | 31.2 | 30.9 | 31.5 | 30.4 | 29.5 | 29.3 | 28.7 | 27.9 | 26.7 | 25.6 |
| 77.5° | 26.7 | 26.2 | 26.2 | 27.0 | 26.7 | 25.6 | 24.8 | 24.5 | 23.4 | 22.2 | 21.7 |
| 80° | 23.1 | 22.5 | 22.5 | 22.2 | 21.7 | 21.4 | 20.3 | 19.1 | 18.8 | 18.8 | 18.0 |
| 82.5° | 20.3 | 20.0 | 19.1 | 18.6 | 17.7 | 16.9 | 16.0 | 15.5 | 14.6 | 14.3 | 14.6 |
| 85° | 16.0 | 16.3 | 15.5 | 14.9 | 14.1 | 12.9 | 12.1 | 11.5 | 11.0 | 11.0 | 12.1 |
| 87.5° | 9.3 | 8.7 | 8.7 | 8.4 | 8.2 | 7.3 | 7.3 | 6.5 | 6.2 | 7.9 | 8.2 |
| 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: EMM-E01-LED-E1-SLR-8030

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 |
| 2.5° | 287.5 | 287.5 | 286.7 | 287.2 | 287.0 | 287.2 | 288.4 | 287.2 | 287.0 | 287.8 | 288.6 |
| 5° | 287.5 | 288.1 | 287.2 | 287.8 | 287.8 | 288.6 | 290.1 | 289.2 | 289.8 | 290.9 | 292.0 |
| 7.5° | 286.4 | 287.2 | 287.2 | 288.4 | 289.2 | 290.6 | 292.6 | 292.0 | 293.1 | 294.8 | 296.2 |
| 10° | 283.3 | 284.7 | 286.1 | 287.8 | 289.8 | 292.0 | 294.8 | 294.8 | 296.0 | 298.2 | 299.6 |
| 12.5° | 275.7 | 279.4 | 281.0 | 285.0 | 288.1 | 291.5 | 294.6 | 296.5 | 297.4 | 299.3 | 301.0 |
| 15° | 260.5 | 265.0 | 268.4 | 273.2 | 278.2 | 283.0 | 288.4 | 290.3 | 292.0 | 292.9 | 293.7 |
| 17.5° | 243.1 | 246.2 | 248.4 | 254.6 | 260.2 | 264.7 | 269.8 | 272.3 | 274.3 | 274.3 | 274.9 |
| 20° | 228.7 | 230.1 | 230.7 | 230.7 | 234.1 | 238.3 | 244.8 | 243.9 | 245.6 | 243.9 | 245.6 |
| 22.5° | 206.5 | 204.2 | 205.4 | 205.4 | 207.6 | 206.8 | 209.3 | 213.5 | 213.0 | 214.1 | 218.9 |
| 25° | 179.5 | 179.8 | 177.8 | 177.8 | 178.1 | 178.6 | 179.8 | 180.9 | 184.8 | 189.1 | 192.1 |
| 27.5° | 153.9 | 153.3 | 151.9 | 150.8 | 149.7 | 151.6 | 153.0 | 152.8 | 158.4 | 161.8 | 167.4 |
| 30° | 125.8 | 125.8 | 126.0 | 125.5 | 126.6 | 125.2 | 127.4 | 128.0 | 132.8 | 136.4 | 141.5 |
| 32.5° | 102.4 | 103.0 | 103.0 | 102.7 | 104.7 | 103.2 | 104.4 | 105.8 | 108.9 | 112.0 | 114.5 |
| 35° | 81.3 | 82.1 | 84.4 | 85.2 | 86.1 | 85.0 | 86.4 | 88.1 | 88.3 | 91.2 | 93.1 |
| 37.5° | 68.9 | 70.3 | 70.6 | 71.2 | 71.2 | 72.0 | 72.3 | 73.4 | 73.4 | 74.3 | 74.8 |
| 40° | 63.6 | 63.0 | 62.7 | 62.5 | 61.9 | 62.2 | 62.5 | 63.3 | 63.6 | 64.1 | 64.1 |
| 42.5° | 61.0 | 60.2 | 58.8 | 58.0 | 56.8 | 56.8 | 56.8 | 56.8 | 57.7 | 58.2 | 58.2 |
| 45° | 58.8 | 57.4 | 56.0 | 54.6 | 53.7 | 53.2 | 53.5 | 53.7 | 54.3 | 54.6 | 54.9 |
| 47.5° | 57.4 | 55.4 | 53.2 | 51.8 | 50.9 | 50.4 | 50.6 | 50.9 | 50.9 | 51.2 | 51.5 |
| 50° | 53.5 | 51.5 | 49.5 | 48.1 | 47.3 | 47.0 | 47.0 | 46.7 | 47.0 | 47.3 | 47.3 |
| 52.5° | 50.4 | 48.4 | 46.7 | 45.3 | 44.5 | 44.5 | 44.2 | 43.6 | 43.9 | 43.6 | 43.9 |
| 55° | 48.7 | 46.1 | 44.2 | 42.8 | 41.9 | 41.9 | 41.4 | 41.6 | 41.6 | 41.1 | 41.4 |
| 57.5° | 46.7 | 44.2 | 42.5 | 40.8 | 39.7 | 39.7 | 39.4 | 39.7 | 39.9 | 39.1 | 39.1 |
| 60° | 44.7 | 42.5 | 40.5 | 39.1 | 37.7 | 38.0 | 37.7 | 38.3 | 38.3 | 37.4 | 37.4 |
| 62.5° | 41.1 | 39.1 | 38.0 | 37.1 | 36.0 | 36.3 | 36.3 | 37.1 | 36.3 | 35.7 | 35.4 |
| 65° | 38.3 | 36.9 | 35.2 | 35.2 | 34.0 | 34.6 | 34.6 | 34.6 | 33.8 | 33.5 | 33.8 |
| 67.5° | 36.3 | 34.6 | 33.5 | 32.4 | 31.5 | 31.8 | 31.2 | 31.2 | 30.9 | 30.7 | 31.2 |
| 70° | 32.6 | 31.2 | 30.7 | 29.5 | 29.0 | 28.1 | 27.9 | 27.9 | 27.9 | 27.6 | 27.9 |
| 72.5° | 29.0 | 27.9 | 27.3 | 26.2 | 25.6 | 25.0 | 24.8 | 24.5 | 24.2 | 24.5 | 24.5 |
| 75° | 24.5 | 23.9 | 23.4 | 22.8 | 22.2 | 21.9 | 21.7 | 21.7 | 21.4 | 21.1 | 21.4 |
| 77.5° | 21.1 | 20.3 | 20.0 | 19.4 | 19.7 | 18.8 | 18.6 | 18.8 | 18.8 | 18.8 | 19.1 |
| 80° | 18.0 | 17.4 | 17.4 | 16.9 | 16.6 | 16.0 | 16.3 | 16.3 | 16.3 | 16.3 | 16.6 |
| 82.5° | 15.8 | 15.2 | 15.2 | 14.9 | 14.1 | 13.5 | 13.8 | 14.3 | 14.3 | 14.1 | 14.6 |
| 85° | 12.9 | 12.4 | 12.4 | 12.1 | 11.0 | 10.7 | 10.4 | 11.0 | 11.3 | 10.7 | 11.3 |
| 87.5° | 8.4 | 7.9 | 7.6 | 7.6 | 6.5 | 4.5 | 5.9 | 6.5 | 6.5 | 5.3 | 6.2 |
| 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: P141578

CATALOG NUMBER: EMM-E01-LED-E1-SLR-8030

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 |
| 2.5° | 288.4 | 288.9 | 288.9 | 289.5 | 290.6 | 289.5 | 288.9 | 289.8 | 289.8 | 289.5 | 289.5 |
| 5° | 292.0 | 293.1 | 293.4 | 295.1 | 296.0 | 295.4 | 296.0 | 296.5 | 296.8 | 296.2 | 296.8 |
| 7.5° | 296.8 | 298.2 | 299.6 | 301.6 | 303.3 | 303.0 | 303.8 | 305.0 | 305.2 | 305.2 | 305.8 |
| 10° | 300.7 | 302.7 | 304.1 | 306.7 | 308.6 | 309.2 | 310.0 | 311.4 | 312.8 | 312.8 | 314.0 |
| 12.5° | 301.6 | 303.8 | 305.2 | 307.5 | 310.9 | 312.0 | 314.0 | 317.3 | 318.7 | 319.9 | 320.7 |
| 15° | 294.3 | 296.2 | 298.2 | 301.3 | 305.2 | 308.6 | 313.1 | 317.9 | 322.1 | 325.2 | 326.3 |
| 17.5° | 275.1 | 275.4 | 277.4 | 281.9 | 290.1 | 293.7 | 299.3 | 309.2 | 315.1 | 320.7 | 326.1 |
| 20° | 247.0 | 252.4 | 254.3 | 260.2 | 268.1 | 273.7 | 280.2 | 289.2 | 298.2 | 308.3 | 317.3 |
| 22.5° | 222.3 | 229.3 | 234.9 | 241.9 | 248.4 | 254.9 | 263.0 | 270.9 | 280.8 | 290.6 | 301.3 |
| 25° | 196.9 | 203.4 | 211.3 | 218.9 | 226.5 | 234.6 | 244.8 | 253.2 | 263.0 | 274.6 | 288.1 |
| 27.5° | 172.5 | 179.2 | 187.9 | 196.9 | 203.1 | 214.1 | 222.5 | 234.9 | 246.2 | 258.8 | 274.0 |
| 30° | 146.9 | 153.3 | 157.5 | 167.4 | 176.1 | 187.1 | 200.0 | 212.1 | 225.6 | 239.7 | 257.4 |
| 32.5° | 119.0 | 122.9 | 128.8 | 135.6 | 145.7 | 157.3 | 170.8 | 183.7 | 202.3 | 219.7 | 236.6 |
| 35° | 95.4 | 97.3 | 97.1 | 104.7 | 109.2 | 122.9 | 139.8 | 152.2 | 170.8 | 192.1 | 214.4 |
| 37.5° | 75.1 | 74.8 | 76.5 | 77.6 | 83.3 | 92.3 | 105.5 | 121.5 | 142.9 | 166.0 | 188.2 |
| 40° | 64.1 | 64.4 | 64.7 | 64.7 | 65.8 | 71.7 | 83.6 | 100.2 | 120.7 | 141.2 | 165.7 |
| 42.5° | 59.1 | 59.6 | 59.9 | 60.5 | 61.0 | 63.0 | 71.5 | 86.9 | 104.4 | 126.3 | 148.3 |
| 45° | 55.4 | 56.3 | 57.1 | 57.1 | 57.7 | 58.2 | 63.0 | 74.8 | 92.3 | 113.1 | 136.2 |
| 47.5° | 52.3 | 53.2 | 53.7 | 54.0 | 54.6 | 55.1 | 57.7 | 65.8 | 82.7 | 101.6 | 125.5 |
| 50° | 47.8 | 48.7 | 49.2 | 50.1 | 50.1 | 50.1 | 51.8 | 57.7 | 70.6 | 89.2 | 112.5 |
| 52.5° | 44.2 | 44.7 | 45.6 | 46.1 | 46.4 | 46.7 | 47.5 | 50.9 | 60.8 | 78.2 | 100.2 |
| 55° | 42.2 | 42.8 | 43.6 | 44.2 | 44.7 | 45.0 | 45.6 | 47.0 | 54.0 | 68.9 | 89.5 |
| 57.5° | 39.7 | 40.5 | 41.6 | 42.2 | 42.8 | 43.0 | 43.3 | 43.9 | 48.7 | 59.9 | 76.8 |
| 60° | 38.0 | 39.4 | 40.8 | 41.6 | 41.9 | 42.2 | 42.5 | 41.9 | 43.9 | 50.9 | 64.1 |
| 62.5° | 36.0 | 37.4 | 38.5 | 39.7 | 39.9 | 40.2 | 40.5 | 39.7 | 39.4 | 42.8 | 50.1 |
| 65° | 34.3 | 35.2 | 36.0 | 36.9 | 36.9 | 37.1 | 36.9 | 35.7 | 34.9 | 34.9 | 38.3 |
| 67.5° | 32.1 | 32.6 | 33.5 | 33.8 | 33.8 | 33.8 | 33.5 | 33.2 | 31.8 | 31.2 | 31.8 |
| 70° | 28.7 | 29.5 | 30.4 | 30.9 | 30.9 | 30.7 | 30.4 | 29.5 | 29.0 | 28.4 | 29.0 |
| 72.5° | 25.6 | 26.7 | 27.0 | 27.3 | 27.0 | 27.0 | 27.0 | 26.4 | 26.7 | 26.7 | 27.0 |
| 75° | 22.5 | 23.1 | 23.1 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 24.2 | 23.9 | 24.2 |
| 77.5° | 19.1 | 19.4 | 20.0 | 20.0 | 20.0 | 20.3 | 20.8 | 20.8 | 21.4 | 21.7 | 21.7 |
| 80° | 16.6 | 16.0 | 16.0 | 15.8 | 16.0 | 16.6 | 17.2 | 18.3 | 18.3 | 18.6 | 18.8 |
| 82.5° | 13.2 | 12.1 | 11.5 | 12.1 | 12.1 | 12.4 | 13.5 | 14.6 | 14.6 | 15.5 | 15.8 |
| 85° | 10.1 | 8.7 | 7.6 | 8.2 | 8.2 | 8.7 | 9.8 | 10.4 | 11.3 | 11.5 | 11.3 |
| 87.5° | 5.9 | 5.1 | 3.4 | 2.8 | 3.4 | 4.2 | 4.5 | 5.1 | 4.2 | 4.8 | 5.1 |
| 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: EMM-E01-LED-E1-SLR-8030

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0° | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 |
| 2.5° | 290.1 | 290.1 | 288.6 | 288.6 | 288.9 | 289.5 | 288.1 | 287.8 | 288.1 | 287.8 | 287.5 |
| 5° | 297.6 | 296.8 | 296.5 | 296.0 | 295.7 | 296.2 | 294.8 | 294.8 | 294.6 | 294.0 | 293.1 |
| 7.5° | 306.1 | 305.5 | 305.0 | 304.4 | 303.8 | 304.1 | 302.7 | 302.4 | 302.1 | 301.9 | 301.0 |
| 10° | 314.0 | 313.1 | 312.6 | 311.2 | 310.0 | 308.9 | 306.1 | 305.2 | 304.4 | 303.8 | 303.6 |
| 12.5° | 320.4 | 319.6 | 317.6 | 315.1 | 313.4 | 310.6 | 308.3 | 306.4 | 305.5 | 304.7 | 305.0 |
| 15° | 326.6 | 324.9 | 322.4 | 319.3 | 317.6 | 314.8 | 313.1 | 312.3 | 311.7 | 311.2 | 311.7 |
| 17.5° | 328.6 | 329.2 | 327.7 | 326.9 | 325.8 | 324.7 | 324.9 | 325.8 | 327.5 | 327.5 | 327.5 |
| 20° | 324.9 | 331.1 | 335.1 | 338.2 | 340.7 | 342.4 | 342.7 | 343.5 | 345.5 | 346.3 | 350.5 |
| 22.5° | 316.2 | 332.3 | 345.5 | 356.2 | 362.9 | 365.2 | 367.7 | 370.5 | 370.8 | 371.6 | 375.6 |
| 25° | 308.1 | 331.4 | 351.1 | 368.0 | 383.7 | 394.7 | 400.9 | 406.5 | 407.9 | 409.1 | 409.1 |
| 27.5° | 293.7 | 319.6 | 344.9 | 367.4 | 389.1 | 407.4 | 421.7 | 436.3 | 446.5 | 450.1 | 455.5 |
| 30° | 278.5 | 305.8 | 332.0 | 360.4 | 388.0 | 413.6 | 439.4 | 463.1 | 479.7 | 492.0 | 501.9 |
| 32.5° | 259.4 | 288.9 | 318.7 | 349.7 | 382.6 | 414.7 | 449.3 | 483.6 | 515.1 | 539.9 | 555.1 |
| 35° | 239.4 | 270.4 | 301.3 | 335.3 | 372.5 | 411.3 | 455.5 | 501.0 | 543.2 | 583.5 | 618.1 |
| 37.5° | 217.5 | 246.7 | 280.5 | 319.3 | 359.3 | 405.7 | 457.2 | 513.7 | 572.2 | 629.9 | 674.6 |
| 40° | 192.4 | 220.8 | 253.5 | 294.3 | 342.7 | 395.0 | 456.3 | 523.6 | 597.0 | 668.7 | 740.7 |
| 42.5° | 175.3 | 201.4 | 232.7 | 273.7 | 323.0 | 382.9 | 452.9 | 532.6 | 619.5 | 708.4 | 799.0 |
| 45° | 162.3 | 187.9 | 218.6 | 258.0 | 308.1 | 371.1 | 451.8 | 542.7 | 643.1 | 745.0 | 850.7 |
| 47.5° | 151.1 | 177.5 | 207.1 | 245.9 | 294.3 | 360.4 | 449.3 | 551.1 | 662.8 | 773.1 | 895.8 |
| 50° | 140.1 | 167.1 | 197.5 | 236.6 | 284.1 | 348.8 | 443.7 | 558.7 | 681.4 | 802.4 | 932.9 |
| 52.5° | 128.0 | 154.7 | 187.4 | 227.3 | 277.7 | 341.5 | 437.7 | 564.9 | 699.4 | 833.6 | 971.4 |
| 55° | 115.1 | 142.1 | 174.1 | 216.3 | 269.0 | 335.9 | 431.8 | 568.8 | 718.2 | 861.7 | 1006.0 |
| 57.5° | 101.0 | 128.0 | 159.2 | 202.3 | 258.3 | 328.3 | 425.4 | 568.6 | 732.0 | 888.2 | 1043.5 |
| 60° | 83.8 | 108.3 | 139.3 | 182.6 | 239.7 | 317.6 | 420.0 | 566.3 | 741.9 | 911.5 | 1085.1 |
| 62.5° | 63.9 | 84.7 | 113.1 | 153.6 | 213.0 | 297.1 | 406.0 | 556.8 | 743.0 | 928.4 | 1119.7 |
| 65° | 45.6 | 56.8 | 79.3 | 119.8 | 169.1 | 251.2 | 371.9 | 531.4 | 724.4 | 916.3 | 1122.8 |
| 67.5° | 34.9 | 41.1 | 52.0 | 76.2 | 119.8 | 191.3 | 313.4 | 474.6 | 666.8 | 851.9 | 1071.0 |
| 70° | 30.1 | 33.2 | 39.1 | 49.8 | 75.1 | 124.1 | 222.0 | 375.0 | 549.2 | 732.9 | 920.0 |
| 72.5° | 27.9 | 29.8 | 33.5 | 38.8 | 47.8 | 73.1 | 136.7 | 252.1 | 403.4 | 558.7 | 722.5 |
| 75° | 25.6 | 27.6 | 30.4 | 33.8 | 38.3 | 49.0 | 74.6 | 148.3 | 249.0 | 369.1 | 485.6 |
| 77.5° | 22.8 | 24.5 | 28.1 | 31.2 | 34.0 | 38.3 | 47.5 | 82.4 | 137.0 | 220.8 | 290.6 |
| 80° | 19.1 | 20.8 | 23.6 | 28.4 | 31.2 | 34.0 | 37.1 | 50.6 | 75.7 | 114.2 | 149.1 |
| 82.5° | 15.8 | 16.6 | 18.8 | 23.1 | 25.6 | 27.0 | 27.9 | 32.9 | 43.0 | 56.3 | 82.1 |
| 85° | 11.0 | 11.0 | 12.7 | 14.9 | 16.9 | 15.8 | 16.0 | 16.9 | 22.2 | 31.2 | 63.0 |
| 87.5° | 4.2 | 3.1 | 3.9 | 4.8 | 4.8 | 4.5 | 5.3 | 5.1 | 7.0 | 13.2 | 18.0 |
| 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: EMM-E01-LED-E1-SLR-8030

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° | |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 0° | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 | 0° |
| 2.5° | 287.5 | 287.5 | 287.2 | 287.0 | 286.7 | 286.7 | 286.1 | 287.0 | 286.7 | 287.0 | 287.2 | 2.5° |
| 5° | 293.4 | 292.9 | 292.3 | 291.7 | 291.7 | 291.2 | 290.3 | 290.1 | 288.9 | 288.6 | 287.8 | 5° |
| 7.5° | 301.9 | 301.9 | 301.9 | 301.3 | 300.2 | 298.8 | 297.1 | 296.0 | 292.9 | 290.6 | 288.1 | 7.5° |
| 10° | 304.1 | 304.7 | 305.0 | 305.2 | 304.1 | 303.8 | 301.9 | 299.6 | 296.0 | 292.6 | 289.2 | 10° |
| 12.5° | 305.0 | 306.1 | 306.4 | 306.7 | 305.8 | 305.2 | 303.3 | 301.9 | 298.8 | 295.4 | 293.7 | 12.5° |
| 15° | 312.8 | 314.8 | 317.1 | 316.8 | 319.3 | 316.5 | 314.8 | 315.1 | 311.7 | 308.1 | 306.9 | 15° |
| 17.5° | 333.1 | 333.9 | 338.7 | 339.0 | 342.9 | 344.1 | 341.3 | 338.2 | 336.2 | 333.9 | 329.2 | 17.5° |
| 20° | 355.0 | 361.2 | 362.9 | 371.4 | 375.3 | 377.3 | 377.5 | 377.5 | 373.9 | 364.0 | 360.1 | 20° |
| 22.5° | 379.0 | 388.2 | 398.4 | 403.7 | 411.9 | 413.0 | 417.2 | 414.7 | 411.9 | 404.3 | 395.3 | 22.5° |
| 25° | 417.5 | 422.8 | 431.8 | 445.3 | 449.3 | 457.4 | 455.8 | 459.4 | 453.2 | 440.0 | 434.7 | 25° |
| 27.5° | 460.5 | 469.8 | 482.5 | 495.1 | 500.8 | 509.8 | 504.1 | 509.8 | 499.6 | 496.0 | 483.0 | 27.5° |
| 30° | 507.5 | 520.2 | 542.7 | 558.4 | 570.0 | 576.2 | 572.5 | 569.4 | 566.6 | 559.8 | 559.0 | 30° |
| 32.5° | 565.2 | 580.4 | 601.8 | 622.3 | 642.6 | 663.7 | 668.7 | 673.2 | 683.6 | 663.1 | 643.1 | 32.5° |
| 35° | 636.4 | 647.9 | 671.8 | 695.4 | 723.3 | 749.7 | 793.4 | 804.3 | 790.3 | 765.8 | 733.7 | 35° |
| 37.5° | 705.9 | 732.0 | 755.9 | 784.1 | 804.9 | 835.3 | 854.7 | 876.3 | 864.5 | 841.7 | 804.9 | 37.5° |
| 40° | 791.1 | 826.5 | 859.2 | 893.8 | 917.4 | 941.0 | 977.6 | 1001.3 | 999.0 | 970.6 | 920.8 | 40° |
| 42.5° | 869.3 | 925.6 | 979.6 | 1005.5 | 1037.0 | 1079.7 | 1106.8 | 1144.5 | 1147.0 | 1114.1 | 1050.8 | 42.5° |
| 45° | 951.2 | 1016.7 | 1082.6 | 1133.5 | 1160.2 | 1213.1 | 1275.0 | 1316.1 | 1328.7 | 1266.0 | 1201.3 | 45° |
| 47.5° | 1015.3 | 1117.4 | 1205.8 | 1260.1 | 1309.9 | 1364.5 | 1444.1 | 1503.4 | 1498.4 | 1413.7 | 1328.2 | 47.5° |
| 50° | 1071.6 | 1201.6 | 1308.5 | 1397.9 | 1457.6 | 1520.6 | 1625.5 | 1696.4 | 1671.7 | 1563.9 | 1457.0 | 50° |
| 52.5° | 1122.5 | 1275.0 | 1407.2 | 1518.1 | 1587.5 | 1677.6 | 1810.1 | 1872.0 | 1801.6 | 1697.5 | 1565.3 | 52.5° |
| 55° | 1169.2 | 1341.4 | 1495.0 | 1628.3 | 1735.5 | 1851.7 | 1976.1 | 2018.5 | 1918.4 | 1789.8 | 1668.3 | 55° |
| 57.5° | 1212.3 | 1403.0 | 1575.7 | 1735.8 | 1879.6 | 2018.3 | 2126.6 | 2129.4 | 2003.6 | 1861.0 | 1745.1 | 57.5° |
| 60° | 1264.0 | 1459.5 | 1660.1 | 1847.2 | 2022.5 | 2166.5 | 2229.8 | 2209.8 | 2058.5 | 1914.2 | 1798.0 | 60° |
| 62.5° | 1314.1 | 1510.5 | 1729.1 | 1954.4 | 2165.7 | 2291.4 | 2304.1 | 2261.9 | 2096.2 | 1938.9 | 1837.6 | 62.5° |
| 65° | 1338.9 | 1549.3 | 1767.6 | 2022.5 | 2277.7 | 2366.0 | 2350.5 | 2284.4 | 2111.4 | 1942.6 | 1847.8 | 65° |
| 67.5° | 1302.6 | 1513.0 | 1730.7 | 1992.9 | 2277.1 | 2361.2 | 2321.3 | 2241.4 | 2074.5 | 1892.8 | 1800.8 | 67.5° |
| 70° | 1168.9 | 1372.9 | 1550.4 | 1797.1 | 2116.7 | 2199.7 | 2139.8 | 2060.7 | 1921.2 | 1743.4 | 1701.5 | 70° |
| 72.5° | 983.5 | 1134.9 | 1283.4 | 1465.7 | 1684.9 | 1757.5 | 1678.4 | 1717.8 | 1681.8 | 1509.6 | 1471.4 | 72.5° |
| 75° | 738.2 | 879.7 | 937.7 | 993.7 | 1145.0 | 1188.3 | 1158.0 | 1293.0 | 1329.8 | 1258.1 | 1160.5 | 75° |
| 77.5° | 483.0 | 631.6 | 642.3 | 643.4 | 705.3 | 788.3 | 898.3 | 1038.7 | 1108.4 | 1076.1 | 957.6 | 77.5° |
| 80° | 281.6 | 445.1 | 398.1 | 382.9 | 437.7 | 530.3 | 675.5 | 851.3 | 943.6 | 950.3 | 837.2 | 80° |
| 82.5° | 141.5 | 279.1 | 241.7 | 239.1 | 270.1 | 338.4 | 444.5 | 542.7 | 662.8 | 668.4 | 683.4 | 82.5° |
| 85° | 110.0 | 191.9 | 196.4 | 213.0 | 234.6 | 263.0 | 270.9 | 288.4 | 355.3 | 417.2 | 433.2 | 85° |
| 87.5° | 57.1 | 141.2 | 166.5 | 193.8 | 191.3 | 156.7 | 132.2 | 142.6 | 166.0 | 175.0 | 227.3 | 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: P141578

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DISTRIBUTION (continued):

| 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|-------|
| 287.0 | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 | 287.0 |
| 286.7 | 287.2 | 287.0 | 287.2 | 287.5 | 287.5 | 287.2 |
| 286.4 | 286.1 | 285.0 | 284.4 | 284.4 | 283.9 | 283.6 |
| 284.7 | 282.7 | 279.9 | 278.2 | 277.1 | 276.3 | 274.9 |
| 285.0 | 281.6 | 278.0 | 275.4 | 272.9 | 271.2 | 269.5 |
| 288.6 | 284.4 | 281.0 | 277.1 | 275.1 | 272.9 | 270.9 |
| 301.3 | 295.7 | 291.7 | 288.1 | 285.8 | 284.1 | 282.5 |
| 321.6 | 314.8 | 308.3 | 305.0 | 301.0 | 298.2 | 297.9 |
| 348.8 | 339.0 | 330.6 | 323.0 | 319.3 | 314.8 | 314.0 |
| 379.8 | 365.4 | 356.4 | 348.0 | 342.9 | 337.6 | 337.9 |
| 419.2 | 404.8 | 390.2 | 381.5 | 374.2 | 375.0 | 374.2 |
| 466.4 | 455.2 | 438.3 | 427.6 | 425.4 | 416.7 | 410.2 |
| 540.2 | 523.3 | 502.7 | 483.6 | 471.5 | 457.2 | 443.7 |
| 612.5 | 581.2 | 553.9 | 535.4 | 519.9 | 498.8 | 477.7 |
| 683.9 | 647.9 | 622.6 | 606.8 | 582.9 | 553.4 | 520.5 |
| 768.9 | 745.2 | 727.2 | 688.7 | 654.7 | 609.4 | 559.6 |
| 891.5 | 861.7 | 818.7 | 769.7 | 720.5 | 656.3 | 588.3 |
| 1013.6 | 977.6 | 917.4 | 845.4 | 774.8 | 697.4 | 610.8 |
| 1146.1 | 1076.7 | 998.2 | 910.9 | 824.0 | 728.1 | 626.2 |
| 1250.5 | 1163.9 | 1066.0 | 961.3 | 863.1 | 753.4 | 639.7 |
| 1357.1 | 1252.5 | 1129.5 | 1011.7 | 898.6 | 773.9 | 653.2 |
| 1441.0 | 1324.2 | 1194.5 | 1057.5 | 931.5 | 797.0 | 671.8 |
| 1524.8 | 1395.7 | 1252.8 | 1103.4 | 972.3 | 829.1 | 699.7 |
| 1594.6 | 1460.4 | 1309.0 | 1153.5 | 1019.5 | 871.8 | 745.2 |
| 1686.6 | 1551.3 | 1375.1 | 1212.8 | 1073.0 | 930.1 | 802.9 |
| 1774.1 | 1657.9 | 1467.1 | 1282.6 | 1138.3 | 995.9 | 868.5 |
| 1831.7 | 1778.3 | 1561.4 | 1352.6 | 1199.6 | 1057.5 | 926.1 |
| 1832.9 | 1854.8 | 1660.7 | 1409.5 | 1257.0 | 1124.5 | 973.4 |
| 1788.7 | 1865.5 | 1681.8 | 1414.5 | 1284.3 | 1154.3 | 998.2 |
| 1635.9 | 1733.8 | 1555.5 | 1314.7 | 1233.6 | 1130.9 | 970.9 |
| 1265.4 | 1336.3 | 1244.0 | 1114.3 | 1117.2 | 1057.2 | 864.0 |
| 876.1 | 943.0 | 865.4 | 837.8 | 899.4 | 865.9 | 645.1 |
| 663.7 | 577.3 | 546.9 | 561.5 | 638.3 | 634.7 | 405.7 |
| 591.1 | 436.9 | 362.4 | 380.4 | 450.7 | 411.6 | 225.9 |
| 484.7 | 435.8 | 364.3 | 329.4 | 343.5 | 281.0 | 154.5 |
| 279.1 | 318.7 | 259.7 | 244.8 | 213.0 | 126.6 | 62.7 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)