

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: FAIL-SAFE

Report Number: P226075

Luminaire Tested: **FW-LD2-126-1000-35-PC-R4-LGW**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P226075
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-1705-064-7)
Test Lab: INNOVATION CENTER(G1)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FW-LD2-126-1000-35-PC-R4-LGW
Description: NIGHT CONDOR LED FLOODLIGHT
Light Source: (56) 3500 CCT, 80 CRI LEDS
 EL089N028E835M
Ballast/Driver: OSRAM
 OT25WPRG1250C

Summary

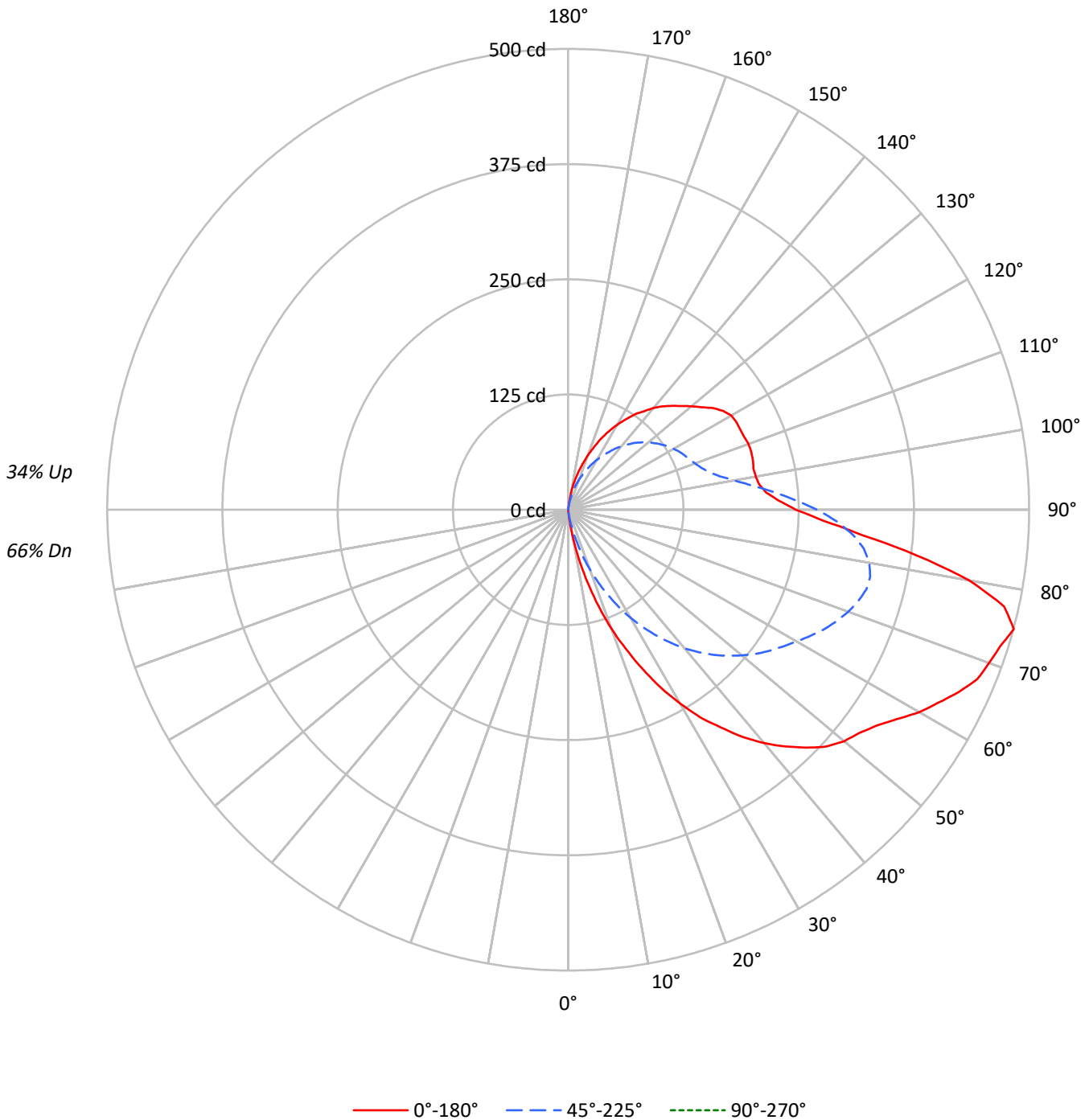
Lumens per Lamp: N/A
Luminaire Lumens: 1019.0 lumens
Efficiency: N/A
Efficacy: 73.3 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: (L: 0 ' x W: 1 ' x H: 0.5 '
CIE Type: Semi-Direct

Input Watts (W): 13.9
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

TEST NUMBER: P226075

CATALOG NUMBER: FW-LD2-126-1000-35-PC-R4-LGW

Luminous Intensity Polar Plot





TEST NUMBER: P226075

CATALOG NUMBER: FW-LD2-126-1000-35-PC-R4-LGW

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 111 | 111 | 111 | 111 | 105 | 105 | 105 | 105 | 92 | 92 | 92 | 81 | 81 | 81 | 71 | 71 | 71 | 66 |
| 1 | 94 | 87 | 80 | 74 | 88 | 81 | 75 | 70 | 70 | 66 | 61 | 61 | 57 | 53 | 52 | 49 | 46 | 41 |
| 2 | 83 | 71 | 62 | 54 | 77 | 66 | 58 | 51 | 57 | 50 | 45 | 49 | 43 | 38 | 41 | 37 | 33 | 28 |
| 3 | 74 | 60 | 50 | 41 | 68 | 56 | 46 | 39 | 48 | 40 | 34 | 40 | 34 | 29 | 34 | 29 | 24 | 20 |
| 4 | 66 | 52 | 41 | 33 | 61 | 48 | 38 | 31 | 41 | 33 | 27 | 34 | 28 | 23 | 28 | 23 | 19 | 15 |
| 5 | 60 | 45 | 34 | 27 | 55 | 42 | 32 | 25 | 36 | 28 | 22 | 30 | 23 | 18 | 25 | 19 | 15 | 12 |
| 6 | 55 | 40 | 29 | 22 | 50 | 37 | 27 | 21 | 31 | 24 | 18 | 26 | 20 | 15 | 22 | 16 | 12 | 9 |
| 7 | 50 | 35 | 25 | 19 | 46 | 33 | 24 | 17 | 28 | 20 | 15 | 24 | 17 | 12 | 20 | 14 | 10 | 7 |
| 8 | 46 | 32 | 22 | 16 | 43 | 29 | 21 | 15 | 25 | 18 | 13 | 21 | 15 | 11 | 18 | 12 | 9 | 6 |
| 9 | 43 | 28 | 20 | 14 | 40 | 27 | 18 | 13 | 23 | 16 | 11 | 19 | 13 | 9 | 16 | 11 | 7 | 5 |
| 10 | 40 | 26 | 17 | 12 | 37 | 24 | 16 | 11 | 21 | 14 | 9 | 18 | 12 | 8 | 15 | 10 | 6 | 4 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° |
|-----|--|-----|------|
| 0° | Luminous shape not found, | | |
| 5° | reference photometric report, or contact | | |
| 10° | the photometric lab for calculations. | | |
| 15° | | | |
| 20° | | | |
| 25° | | | |
| 30° | | | |
| 35° | | | |
| 40° | | | |
| 45° | | | |
| 50° | | | |
| 55° | | | |
| 60° | | | |
| 65° | | | |
| 70° | | | |
| 75° | | | |
| 80° | | | |
| 85° | | | |



TEST NUMBER: P226075

CATALOG NUMBER: FW-LD2-126-1000-35-PC-R4-LGW

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 0.3 | 0.0 |
| 10°-20° | 6.0 | 0.6 |
| 20°-30° | 22.8 | 2.2 |
| 30°-40° | 48.3 | 4.7 |
| 40°-50° | 77.3 | 7.6 |
| 50°-60° | 105.4 | 10.3 |
| 60°-70° | 133.6 | 13.1 |
| 70°-80° | 152.6 | 15.0 |
| 80°-90° | 129.8 | 12.7 |
| 90°-100° | 90.4 | 8.9 |
| 100°-110° | 70.5 | 6.9 |
| 110°-120° | 61.0 | 6.0 |
| 120°-130° | 49.4 | 4.8 |
| 130°-140° | 35.3 | 3.5 |
| 140°-150° | 22.0 | 2.2 |
| 150°-160° | 10.8 | 1.1 |
| 160°-170° | 3.2 | 0.3 |
| 170°-180° | 0.2 | 0.0 |
| 0°-30° | 29.1 | 2.9 |
| 0°-40° | 77.4 | 7.6 |
| 0°-60° | 260.2 | 25.5 |
| 0°-90° | 676.2 | 66.4 |
| 90°-120° | 221.9 | 21.8 |
| 90°-150° | 328.6 | 32.3 |
| 90°-180° | 343.0 | 33.7 |
| 0°-180° | 1019.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|------|-----|-----|-----|------|------|------|
| 0° | 0 | 0 | 0 | 0 | 0 | |
| 5° | 2 | 1 | 0 | 0 | 0 | 1 |
| 15° | 82 | 37 | 0 | 0 | 0 | 25 |
| 25° | 190 | 102 | 0 | 0 | 0 | 90 |
| 35° | 288 | 166 | 0 | 0 | 0 | 182 |
| 45° | 365 | 223 | 0 | 0 | 0 | 282 |
| 55° | 408 | 267 | 0 | 0 | 0 | 369 |
| 65° | 468 | 307 | 0 | 0 | 0 | 463 |
| 75° | 500 | 335 | 0 | 0 | 0 | 513 |
| 85° | 321 | 310 | 0 | 0 | 0 | 289 |
| 90° | 247 | 270 | 0 | 0 | 0 | 137 |
| 95° | 215 | 223 | 0 | 0 | 0 | 175 |
| 105° | 207 | 158 | 0 | 0 | 0 | 219 |
| 115° | 206 | 139 | 0 | 0 | 0 | 205 |
| 125° | 192 | 123 | 0 | 0 | 0 | 171 |
| 135° | 159 | 102 | 0 | 0 | 0 | 124 |
| 145° | 126 | 76 | 0 | 0 | 0 | 79 |
| 155° | 86 | 49 | 0 | 0 | 0 | 40 |
| 165° | 42 | 22 | 0 | 0 | 0 | 12 |
| 175° | 1 | 1 | 0 | 0 | 0 | 1 |
| 180° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P226075

CATALOG NUMBER: FW-LD2-126-1000-35-PC-R4-LGW

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----|-----|
| 0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2.5° | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.0 | 0.0 |
| 5° | 2.4 | 3.2 | 2.4 | 1.6 | 1.6 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.0 |
| 7.5° | 13.6 | 13.6 | 12.8 | 9.6 | 6.4 | 3.2 | 1.6 | 0.8 | 0.8 | 0.8 | 0.0 |
| 10° | 33.6 | 32.8 | 31.2 | 25.6 | 19.2 | 11.2 | 4.8 | 1.6 | 0.8 | 0.8 | 0.0 |
| 12.5° | 57.6 | 56.0 | 52.0 | 45.6 | 35.2 | 23.2 | 12.0 | 3.2 | 0.8 | 0.8 | 0.0 |
| 15° | 81.7 | 82.5 | 76.1 | 66.5 | 52.8 | 36.8 | 21.6 | 7.2 | 0.8 | 0.8 | 0.0 |
| 17.5° | 109.7 | 108.9 | 102.5 | 89.7 | 72.9 | 52.8 | 32.0 | 13.6 | 1.6 | 0.8 | 0.0 |
| 20° | 137.7 | 136.9 | 128.9 | 112.9 | 92.9 | 68.9 | 43.2 | 19.2 | 3.2 | 0.8 | 0.0 |
| 22.5° | 163.3 | 163.3 | 153.7 | 136.9 | 112.9 | 85.7 | 55.2 | 26.4 | 5.6 | 0.8 | 0.0 |
| 25° | 190.5 | 190.5 | 178.5 | 159.3 | 132.9 | 101.7 | 68.1 | 33.6 | 8.0 | 0.8 | 0.0 |
| 27.5° | 217.8 | 215.4 | 202.6 | 180.9 | 152.9 | 119.3 | 80.9 | 41.6 | 10.4 | 0.8 | 0.0 |
| 30° | 242.6 | 241.0 | 226.6 | 202.6 | 172.1 | 135.3 | 92.9 | 49.6 | 13.6 | 0.8 | 0.0 |
| 32.5° | 267.4 | 265.0 | 249.8 | 224.2 | 190.5 | 151.3 | 104.9 | 57.6 | 16.8 | 0.8 | 0.0 |
| 35° | 288.2 | 287.4 | 272.2 | 244.2 | 209.0 | 166.5 | 116.9 | 64.0 | 20.0 | 0.8 | 0.0 |
| 37.5° | 310.6 | 308.2 | 291.4 | 262.6 | 226.6 | 181.7 | 128.1 | 70.5 | 23.2 | 0.8 | 0.0 |
| 40° | 330.7 | 328.3 | 310.6 | 281.8 | 244.2 | 196.2 | 137.7 | 77.7 | 25.6 | 0.8 | 0.0 |
| 42.5° | 348.3 | 345.9 | 328.3 | 297.8 | 260.2 | 209.8 | 147.3 | 83.3 | 28.8 | 0.8 | 0.0 |
| 45° | 365.1 | 362.7 | 344.3 | 314.6 | 275.4 | 222.6 | 156.9 | 88.9 | 31.2 | 0.8 | 0.0 |
| 47.5° | 380.3 | 377.1 | 359.5 | 329.1 | 289.8 | 234.6 | 165.7 | 94.5 | 33.6 | 0.8 | 0.0 |
| 50° | 390.7 | 388.3 | 373.1 | 343.5 | 302.6 | 245.8 | 174.5 | 100.1 | 36.8 | 1.6 | 0.0 |
| 52.5° | 397.9 | 396.3 | 384.3 | 357.1 | 315.4 | 257.0 | 182.5 | 104.9 | 39.2 | 1.6 | 0.0 |
| 55° | 408.3 | 407.5 | 394.7 | 369.9 | 327.5 | 266.6 | 189.7 | 110.5 | 41.6 | 1.6 | 0.0 |
| 57.5° | 422.7 | 421.1 | 407.5 | 382.7 | 339.5 | 276.2 | 197.0 | 115.3 | 44.0 | 2.4 | 0.0 |
| 60° | 439.5 | 437.1 | 421.9 | 394.7 | 351.5 | 285.8 | 205.0 | 120.1 | 46.4 | 3.2 | 0.0 |
| 62.5° | 453.1 | 450.7 | 437.1 | 408.3 | 364.3 | 296.2 | 212.2 | 124.9 | 48.8 | 3.2 | 0.0 |
| 65° | 467.6 | 464.4 | 449.9 | 422.7 | 376.3 | 306.6 | 219.4 | 130.5 | 51.2 | 4.0 | 0.0 |
| 67.5° | 480.4 | 478.0 | 464.4 | 436.3 | 388.3 | 315.4 | 226.6 | 134.5 | 53.6 | 4.0 | 0.0 |
| 70° | 486.0 | 485.2 | 475.6 | 448.3 | 397.9 | 323.4 | 233.0 | 139.3 | 55.2 | 4.8 | 0.0 |
| 72.5° | 491.6 | 490.8 | 482.8 | 456.3 | 405.9 | 329.9 | 238.6 | 142.5 | 56.8 | 5.6 | 0.0 |
| 75° | 500.4 | 497.2 | 483.6 | 458.0 | 409.9 | 334.7 | 241.8 | 144.9 | 58.4 | 5.6 | 0.0 |
| 77.5° | 484.4 | 485.2 | 474.0 | 452.3 | 408.3 | 335.5 | 244.2 | 146.5 | 59.2 | 5.6 | 0.0 |
| 80° | 441.9 | 441.9 | 446.7 | 435.5 | 399.5 | 331.5 | 242.6 | 145.7 | 59.2 | 6.4 | 0.0 |
| 82.5° | 381.9 | 381.9 | 401.9 | 408.3 | 383.5 | 323.4 | 237.8 | 143.3 | 58.4 | 6.4 | 0.0 |
| 85° | 321.0 | 325.8 | 349.9 | 371.5 | 359.5 | 309.8 | 229.8 | 139.3 | 56.8 | 6.4 | 0.0 |
| 87.5° | 277.0 | 277.8 | 300.2 | 330.7 | 331.5 | 291.4 | 218.6 | 133.7 | 55.2 | 6.4 | 0.0 |
| 90° | 246.6 | 247.4 | 265.0 | 291.4 | 301.0 | 269.8 | 205.0 | 126.5 | 52.8 | 6.4 | 0.0 |
| 92.5° | 228.2 | 228.2 | 238.6 | 257.8 | 268.2 | 245.8 | 188.9 | 118.5 | 49.6 | 6.4 | 0.0 |
| 95° | 215.4 | 216.2 | 221.8 | 233.8 | 241.0 | 222.6 | 173.7 | 109.7 | 47.2 | 5.6 | 0.0 |
| 97.5° | 209.0 | 209.8 | 212.2 | 217.8 | 217.8 | 201.0 | 158.5 | 100.9 | 44.0 | 5.6 | 0.0 |
| 100° | 206.6 | 205.8 | 206.6 | 206.6 | 201.8 | 182.5 | 144.9 | 93.7 | 40.8 | 5.6 | 0.0 |
| 102.5° | 205.8 | 205.8 | 204.2 | 199.4 | 189.7 | 168.1 | 132.9 | 86.5 | 38.4 | 4.8 | 0.0 |
| 105° | 207.4 | 206.6 | 203.4 | 195.3 | 181.7 | 157.7 | 124.1 | 81.7 | 36.8 | 4.8 | 0.0 |
| 107.5° | 208.2 | 207.4 | 202.6 | 192.1 | 176.1 | 151.3 | 117.7 | 77.7 | 35.2 | 4.8 | 0.0 |
| 110° | 208.2 | 207.4 | 201.8 | 190.5 | 172.1 | 146.5 | 112.9 | 74.5 | 33.6 | 4.8 | 0.0 |



TEST NUMBER: P226075

CATALOG NUMBER: FW-LD2-126-1000-35-PC-R4-LGW

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|--------|-------|-------|-------|-------|-------|-------|-------|------|------|-----|-----|
| 112.5° | 206.6 | 205.8 | 200.2 | 188.9 | 169.7 | 142.5 | 109.7 | 72.1 | 32.8 | 4.0 | 0.0 |
| 115° | 205.8 | 205.0 | 199.4 | 186.5 | 166.5 | 139.3 | 106.5 | 69.7 | 31.2 | 4.0 | 0.0 |
| 117.5° | 205.8 | 205.0 | 197.8 | 183.3 | 163.3 | 136.1 | 103.3 | 67.3 | 29.6 | 4.0 | 0.0 |
| 120° | 204.2 | 203.4 | 194.5 | 179.3 | 159.3 | 132.1 | 100.1 | 64.0 | 28.8 | 4.0 | 0.0 |
| 122.5° | 199.4 | 197.8 | 188.9 | 173.7 | 153.7 | 128.1 | 96.1 | 61.6 | 27.2 | 4.0 | 0.0 |
| 125° | 192.1 | 190.5 | 181.7 | 168.1 | 148.1 | 123.3 | 92.9 | 58.4 | 26.4 | 3.2 | 0.0 |
| 127.5° | 182.5 | 181.7 | 173.7 | 160.9 | 143.3 | 118.5 | 88.9 | 56.0 | 24.8 | 3.2 | 0.0 |
| 130° | 174.5 | 172.9 | 166.5 | 152.9 | 136.1 | 113.7 | 84.9 | 52.8 | 23.2 | 3.2 | 0.0 |
| 132.5° | 166.5 | 164.9 | 158.5 | 146.5 | 129.7 | 108.1 | 80.1 | 49.6 | 21.6 | 3.2 | 0.0 |
| 135° | 159.3 | 158.5 | 151.3 | 138.5 | 123.3 | 102.5 | 76.1 | 46.4 | 20.0 | 2.4 | 0.0 |
| 137.5° | 152.1 | 151.3 | 143.3 | 131.3 | 116.1 | 96.1 | 71.3 | 43.2 | 19.2 | 2.4 | 0.0 |
| 140° | 144.1 | 142.5 | 136.1 | 124.1 | 108.9 | 89.7 | 66.5 | 40.8 | 17.6 | 2.4 | 0.0 |
| 142.5° | 134.5 | 134.5 | 127.3 | 115.3 | 100.9 | 83.3 | 61.6 | 37.6 | 16.0 | 1.6 | 0.0 |
| 145° | 126.5 | 125.7 | 118.5 | 107.3 | 92.9 | 76.1 | 56.0 | 34.4 | 15.2 | 1.6 | 0.0 |
| 147.5° | 116.1 | 115.3 | 109.7 | 98.5 | 85.7 | 69.7 | 51.2 | 31.2 | 13.6 | 1.6 | 0.0 |
| 150° | 106.5 | 105.7 | 100.1 | 89.7 | 77.7 | 62.4 | 45.6 | 28.0 | 12.0 | 1.6 | 0.0 |
| 152.5° | 96.1 | 95.3 | 90.5 | 80.9 | 69.7 | 56.0 | 40.0 | 24.8 | 10.4 | 0.8 | 0.0 |
| 155° | 85.7 | 84.9 | 80.1 | 72.1 | 61.6 | 48.8 | 35.2 | 21.6 | 9.6 | 0.8 | 0.0 |
| 157.5° | 73.7 | 73.7 | 69.7 | 62.4 | 52.8 | 41.6 | 30.4 | 18.4 | 8.0 | 0.8 | 0.0 |
| 160° | 63.2 | 62.4 | 59.2 | 52.8 | 44.8 | 35.2 | 25.6 | 15.2 | 5.6 | 0.8 | 0.0 |
| 162.5° | 52.0 | 52.0 | 49.6 | 44.0 | 36.8 | 28.8 | 20.8 | 11.2 | 4.0 | 0.8 | 0.0 |
| 165° | 41.6 | 40.8 | 39.2 | 34.4 | 29.6 | 22.4 | 14.4 | 7.2 | 2.4 | 0.8 | 0.0 |
| 167.5° | 31.2 | 31.2 | 29.6 | 26.4 | 21.6 | 14.4 | 8.8 | 4.8 | 1.6 | 0.8 | 0.0 |
| 170° | 21.6 | 21.6 | 20.0 | 15.2 | 10.4 | 7.2 | 4.8 | 2.4 | 0.8 | 0.8 | 0.0 |
| 172.5° | 8.0 | 8.0 | 7.2 | 4.8 | 4.0 | 3.2 | 2.4 | 0.8 | 0.8 | 0.8 | 0.0 |
| 175° | 0.8 | 1.6 | 1.6 | 1.6 | 1.6 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.0 |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P226075

CATALOG NUMBER: FW-LD2-126-1000-35-PC-R4-LGW

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-----|------|------|------|------|------|------|------|------|------|
| 0° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 7.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 10° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 12.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 15° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 17.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 20° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 22.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 25° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 27.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 30° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 32.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 35° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 37.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 40° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 42.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 45° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 47.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 50° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 52.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 55° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 57.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 60° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 62.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 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 |
| 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 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P226075

CATALOG NUMBER: FW-LD2-126-1000-35-PC-R4-LGW

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-----|------|------|------|------|------|------|------|------|------|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)