

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: McGRAW-EDISON

Report Number: P271753

Luminaire Tested: **ISW-AF-350-LED-E1-SL3-7027**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P271753
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P35946)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: ISW-AF-350-LED-E1-SL3-7027
Description: IMPACT ELITE LED WEDGE LUMINAIRE
LIGHT SQUARE WITH ACCULED OPTICS-TYPE III W/SPILL CONTROL
Light Source: (16) 2700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2054.8 lumens
Efficiency: N/A
Efficacy: 102.3 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type II - Short - Semi-Cutoff
BUG Rating: B0 - U1 - G1

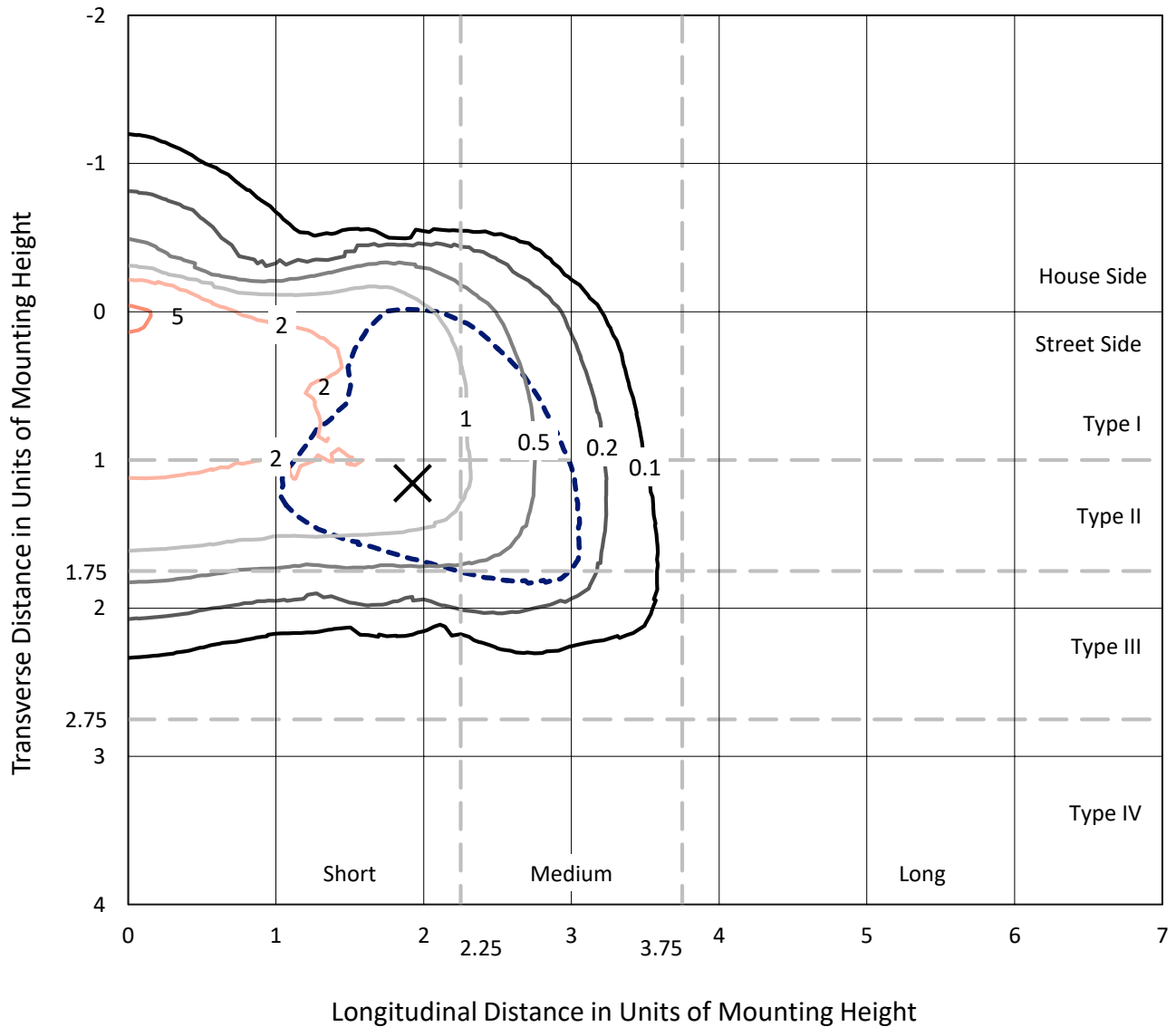
Input Watts (W): 20.09
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

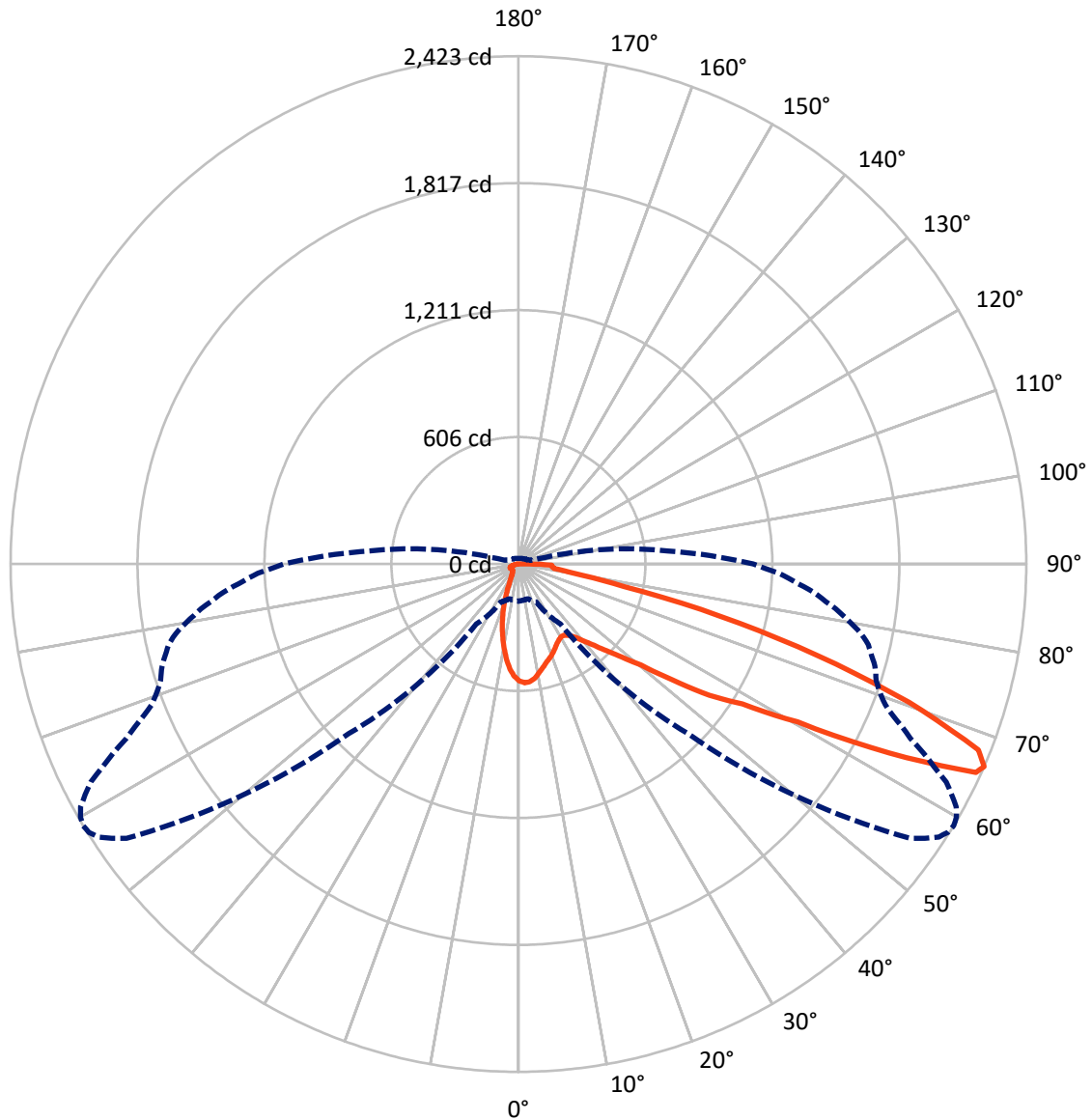
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 5.6 fc
 Type II - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 59-Deg Lateral - - - Horizontal Cone Through 66-Deg Vertical

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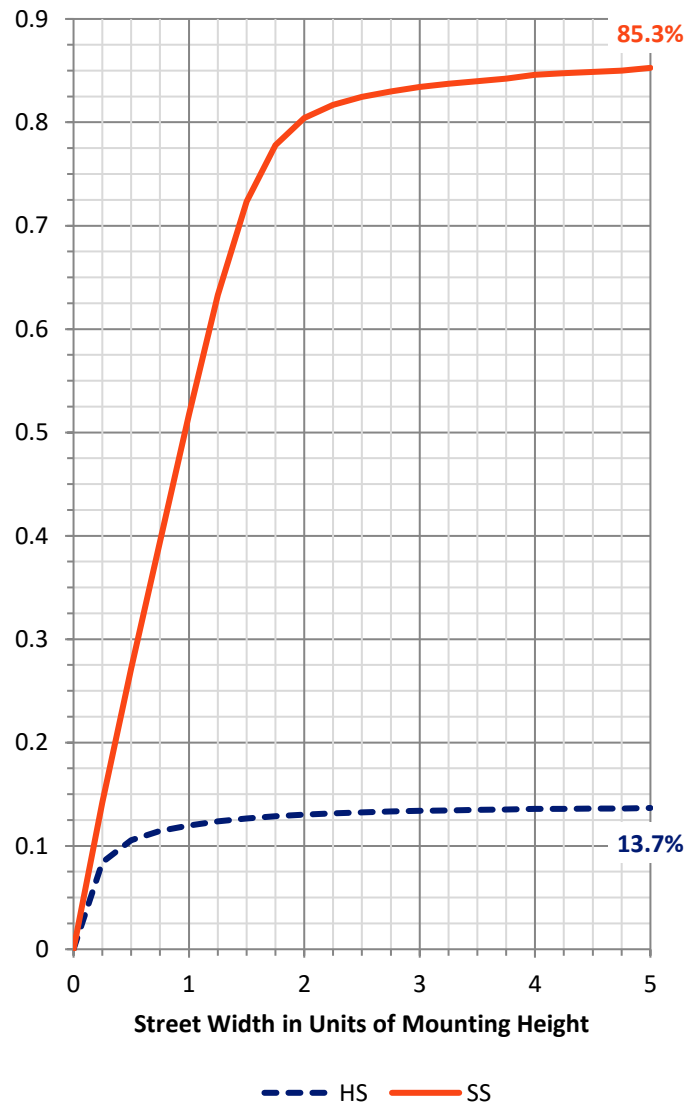
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 285.1 | 0.1 | 285.2 |
| | % Fixture | 13.9 | 0.0 | 13.9 |
| Street Side | Lumens | 1768.9 | 0.7 | 1769.6 |
| | % Fixture | 86.1 | 0.0 | 86.1 |
| Total | Lumens | 2054.0 | 0.9 | 2054.8 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 47.6 | 2.3 |
| 10°-20° | 100.5 | 4.9 |
| 20°-30° | 126.1 | 6.1 |
| 30°-40° | 172.5 | 8.4 |
| 40°-50° | 277.5 | 13.5 |
| 50°-60° | 482.2 | 23.5 |
| 60°-70° | 585.9 | 28.5 |
| 70°-80° | 218.6 | 10.6 |
| 80°-90° | 43.0 | 2.1 |
| 90°-100° | 0.9 | 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° | 2054.0 | 100.0 |
| 0°-180° | 2054.8 | 100.0 |



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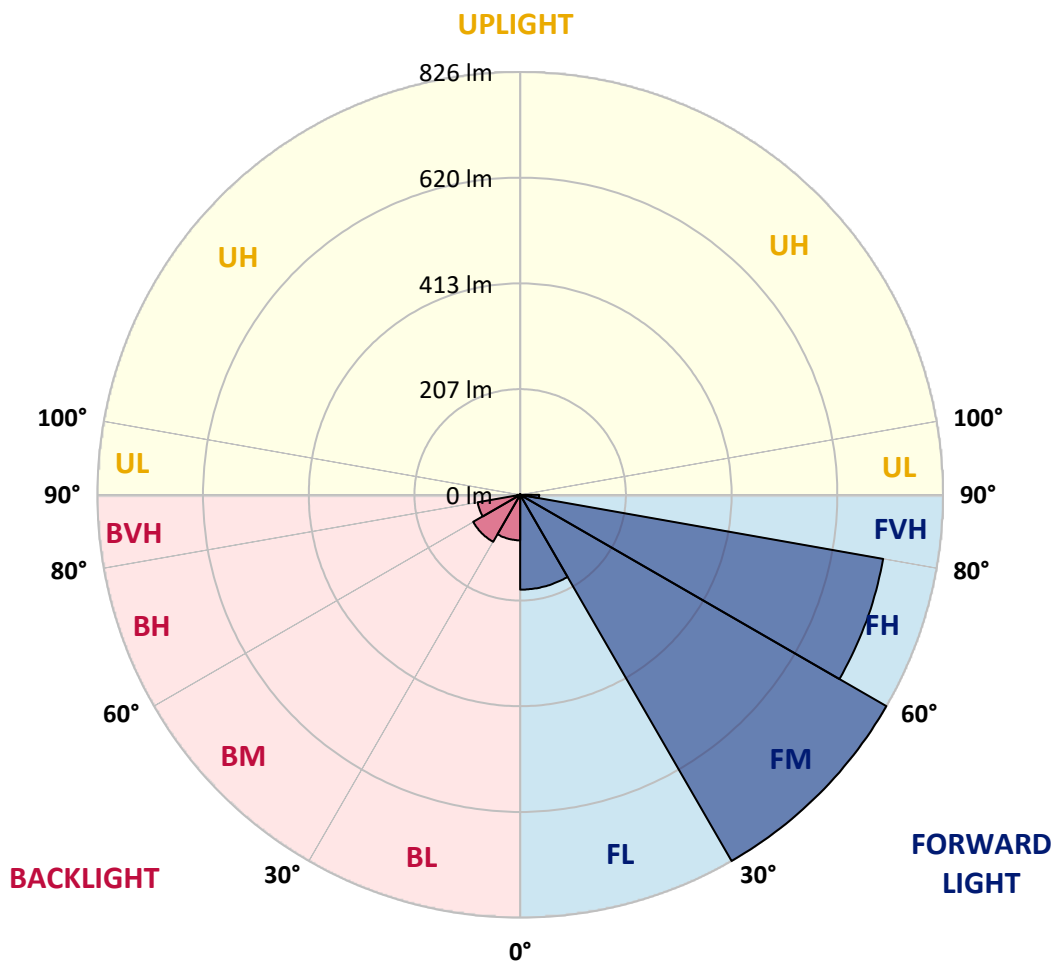
CATALOG NUMBER: ISW-AF-350-LED-E1-SL3-7027

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|-------|---------|
| | | | B | U | G |
| FL (0°-30°) | 185.3 | 9.0 | | | |
| FM (30°-60°) | 826.3 | 40.2 | | | |
| FH (60°-80°) | 720.2 | 35.0 | | | G1/1800 |
| FVH (80°-90°) | 37.1 | 1.8 | | | G1/100 |
| BL (0°-30°) | 88.9 | 4.3 | B0/110 | | |
| BM (30°-60°) | 106.0 | 5.2 | B0/220 | | |
| BH (60°-80°) | 84.3 | 4.1 | B0/110 | | G0/110 |
| BVH (80°-90°) | 5.9 | 0.3 | | | G0/10 |
| UL (90°-100°) | 0.9 | 0.0 | | U1/10 | |
| UH (100°-180°) | 0.1 | 0.0 | | U1/10 | |

BUG Rating: B0-U1-G1

Type II Short





REPORT NUMBER: P271753

CATALOG NUMBER: ISW-AF-350-LED-E1-SL3-7027

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 56° | 57° | 58° | 59° |
|--------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 558.3 | 558.3 | 558.3 | 558.3 | 558.3 | 558.3 | 558.3 | 558.3 | 558.3 | 558.3 | 558.3 |
| 2.5° | 572.7 | 570.9 | 574.3 | 573.1 | 573.9 | 569.3 | 568.3 | 567.4 | 568.0 | 567.1 | 567.1 |
| 5° | 559.1 | 558.3 | 562.2 | 564.6 | 566.4 | 565.8 | 565.6 | 565.6 | 565.8 | 563.6 | 563.9 |
| 7.5° | 519.5 | 518.8 | 524.5 | 528.7 | 537.7 | 543.1 | 550.0 | 550.3 | 551.0 | 550.0 | 552.0 |
| 10° | 477.3 | 479.2 | 484.2 | 490.8 | 504.4 | 512.6 | 525.8 | 528.3 | 529.2 | 529.6 | 529.9 |
| 12.5° | 436.9 | 435.0 | 441.3 | 453.9 | 472.1 | 485.4 | 502.2 | 503.4 | 504.9 | 507.3 | 509.4 |
| 15° | 401.0 | 403.2 | 408.3 | 421.6 | 440.7 | 459.3 | 481.0 | 482.3 | 485.4 | 487.4 | 490.6 |
| 17.5° | 376.5 | 376.5 | 382.0 | 394.4 | 412.4 | 435.9 | 463.4 | 465.6 | 468.2 | 470.6 | 474.1 |
| 20° | 364.2 | 364.2 | 366.4 | 373.7 | 389.3 | 412.1 | 445.1 | 447.6 | 452.0 | 454.9 | 459.7 |
| 22.5° | 363.3 | 362.9 | 362.6 | 364.2 | 373.7 | 391.3 | 425.5 | 429.1 | 432.8 | 437.3 | 441.3 |
| 25° | 373.3 | 374.2 | 370.6 | 367.9 | 368.9 | 377.1 | 407.0 | 408.9 | 416.2 | 419.0 | 424.0 |
| 27.5° | 387.8 | 389.3 | 386.2 | 382.5 | 376.7 | 371.4 | 391.3 | 394.4 | 399.2 | 403.9 | 410.2 |
| 30° | 408.5 | 408.3 | 408.0 | 405.5 | 394.4 | 377.7 | 386.5 | 388.8 | 392.9 | 396.6 | 402.0 |
| 32.5° | 431.0 | 433.5 | 435.4 | 434.2 | 422.8 | 394.4 | 393.2 | 395.1 | 398.8 | 401.0 | 404.5 |
| 35° | 459.9 | 461.2 | 468.5 | 468.5 | 457.1 | 424.4 | 411.7 | 413.3 | 415.2 | 416.2 | 418.7 |
| 37.5° | 491.7 | 496.1 | 506.9 | 513.2 | 495.5 | 461.5 | 441.1 | 441.1 | 442.0 | 442.7 | 444.2 |
| 40° | 528.7 | 534.9 | 549.8 | 561.7 | 550.3 | 507.8 | 479.4 | 482.3 | 481.4 | 480.1 | 483.6 |
| 42.5° | 571.5 | 578.4 | 596.4 | 607.7 | 601.1 | 563.6 | 531.2 | 529.2 | 532.1 | 528.3 | 529.6 |
| 45° | 621.3 | 626.6 | 644.8 | 656.8 | 662.2 | 632.0 | 598.9 | 595.0 | 595.0 | 587.0 | 590.4 |
| 47.5° | 665.9 | 667.5 | 685.1 | 706.2 | 723.7 | 724.2 | 677.6 | 675.2 | 669.1 | 663.8 | 662.5 |
| 50° | 707.5 | 712.3 | 723.7 | 746.6 | 782.9 | 814.3 | 785.9 | 778.1 | 771.6 | 751.6 | 757.6 |
| 52.5° | 779.7 | 788.8 | 796.1 | 809.9 | 852.9 | 916.7 | 951.8 | 939.4 | 937.8 | 920.0 | 915.8 |
| 55° | 793.2 | 794.2 | 818.2 | 898.1 | 998.9 | 1045.0 | 1112.0 | 1111.7 | 1116.9 | 1111.1 | 1105.7 |
| 57.5° | 729.6 | 722.1 | 762.0 | 867.7 | 1070.2 | 1306.5 | 1285.9 | 1288.2 | 1281.5 | 1264.3 | 1258.9 |
| 60° | 568.3 | 574.6 | 617.8 | 752.3 | 1018.8 | 1475.3 | 1610.4 | 1570.5 | 1599.2 | 1554.1 | 1529.8 |
| 62.5° | 319.8 | 312.5 | 341.9 | 483.3 | 835.9 | 1484.1 | 2052.4 | 2056.8 | 2070.8 | 2045.5 | 1986.3 |
| 65° | 206.3 | 203.2 | 200.3 | 244.5 | 501.0 | 1298.2 | 2296.9 | 2351.0 | 2383.6 | 2396.8 | 2397.8 |
| 66° | 177.3 | 174.8 | 171.4 | 200.1 | 349.0 | 1143.9 | 2281.2 | 2339.2 | 2390.7 | 2415.4 | 2422.5 |
| 67.5° | 150.8 | 147.1 | 146.5 | 165.6 | 242.9 | 887.4 | 2130.9 | 2221.9 | 2267.6 | 2331.2 | 2365.9 |
| 70° | 115.3 | 113.5 | 119.0 | 143.0 | 186.5 | 417.7 | 1698.1 | 1816.8 | 1895.5 | 1945.3 | 1977.5 |
| 72.5° | 96.7 | 96.1 | 103.9 | 130.7 | 176.8 | 237.0 | 1188.5 | 1316.2 | 1398.4 | 1446.0 | 1490.1 |
| 75° | 75.5 | 76.3 | 86.7 | 124.8 | 175.8 | 206.3 | 690.5 | 812.2 | 860.0 | 935.0 | 992.4 |
| 77.5° | 56.8 | 56.1 | 64.3 | 100.8 | 171.4 | 209.1 | 358.9 | 409.2 | 461.9 | 500.0 | 513.8 |
| 80° | 39.6 | 40.3 | 46.0 | 69.3 | 133.6 | 215.1 | 223.7 | 235.4 | 246.3 | 258.6 | 261.1 |
| 82.5° | 26.5 | 26.8 | 34.0 | 47.6 | 92.6 | 205.4 | 208.9 | 203.6 | 195.0 | 184.3 | 172.7 |
| 85° | 16.1 | 16.7 | 24.3 | 32.1 | 71.9 | 185.9 | 216.1 | 201.8 | 189.0 | 174.8 | 160.7 |
| 87.5° | 8.2 | 9.2 | 14.6 | 19.0 | 42.5 | 91.6 | 224.9 | 214.5 | 196.9 | 175.2 | 159.4 |
| 90° | 2.2 | 2.2 | 3.1 | 4.7 | 8.5 | 18.5 | 56.8 | 51.0 | 25.5 | 48.5 | 24.0 |
| 92.5° | 0.0 | 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 | 0.0 |
| 97.5° | 0.0 | 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 | 0.0 |
| 102.5° | 0.0 | 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 | 0.0 |
| 107.5° | 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: ISW-AF-350-LED-E1-SL3-7027

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 56° | 57° | 58° | 59° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 112.5° | 0.0 | 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 | 0.0 |
| 117.5° | 0.0 | 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 | 0.0 |
| 122.5° | 0.0 | 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 | 0.0 |
| 127.5° | 0.0 | 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 | 0.0 |
| 132.5° | 0.0 | 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 | 0.0 |
| 137.5° | 0.0 | 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 | 0.0 |
| 142.5° | 0.0 | 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 | 0.0 |
| 147.5° | 0.0 | 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 | 0.0 |
| 152.5° | 0.0 | 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 | 0.0 |
| 157.5° | 0.0 | 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 | 0.0 |
| 162.5° | 0.0 | 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 | 0.0 |
| 167.5° | 0.0 | 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 | 0.0 |
| 172.5° | 0.0 | 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 | 0.0 |
| 177.5° | 0.0 | 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 | 0.0 |



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CATALOG NUMBER: ISW-AF-350-LED-E1-SL3-7027

CANDELA DISTRIBUTION (continued):

| | 60° | 61° | 62° | 63° | 64° | 65° | 66° | 67° | 68° | 69° | 70° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 558.3 | 558.3 | 558.3 | 558.3 | 558.3 | 558.3 | 558.3 | 558.3 | 558.3 | 558.3 | 558.3 |
| 2.5° | 566.7 | 567.4 | 566.7 | 565.8 | 566.7 | 565.8 | 565.6 | 565.1 | 565.6 | 564.9 | 564.6 |
| 5° | 563.9 | 564.6 | 564.6 | 562.7 | 562.2 | 563.6 | 561.7 | 562.2 | 561.7 | 561.1 | 559.8 |
| 7.5° | 550.3 | 550.8 | 551.0 | 549.8 | 550.8 | 550.8 | 550.0 | 550.0 | 549.4 | 549.8 | 548.4 |
| 10° | 531.4 | 532.8 | 534.0 | 533.3 | 533.1 | 535.9 | 534.6 | 535.6 | 535.6 | 534.6 | 534.9 |
| 12.5° | 511.0 | 513.2 | 514.8 | 514.8 | 516.1 | 519.2 | 518.8 | 519.5 | 522.1 | 522.1 | 521.1 |
| 15° | 492.1 | 494.2 | 496.9 | 498.6 | 501.3 | 503.4 | 504.9 | 507.5 | 508.8 | 508.8 | 510.3 |
| 17.5° | 477.3 | 480.4 | 483.3 | 484.2 | 487.7 | 491.5 | 492.5 | 495.5 | 497.4 | 498.4 | 500.3 |
| 20° | 462.8 | 466.2 | 469.7 | 472.9 | 476.0 | 480.4 | 482.6 | 484.5 | 487.7 | 489.6 | 492.5 |
| 22.5° | 445.8 | 451.1 | 455.5 | 459.3 | 464.6 | 468.5 | 472.9 | 476.0 | 479.8 | 482.6 | 484.8 |
| 25° | 429.7 | 436.9 | 443.0 | 446.6 | 453.9 | 459.3 | 464.6 | 469.5 | 474.1 | 478.2 | 481.4 |
| 27.5° | 414.8 | 423.1 | 430.4 | 436.4 | 444.2 | 452.7 | 458.0 | 466.0 | 472.1 | 477.9 | 481.7 |
| 30° | 407.7 | 414.6 | 422.1 | 429.1 | 436.9 | 447.6 | 456.5 | 466.6 | 474.5 | 481.7 | 487.4 |
| 32.5° | 409.2 | 415.6 | 422.1 | 428.1 | 436.4 | 448.3 | 457.5 | 469.1 | 480.8 | 490.1 | 497.4 |
| 35° | 421.8 | 427.5 | 431.9 | 437.3 | 444.5 | 453.6 | 463.4 | 475.7 | 490.1 | 502.8 | 512.2 |
| 37.5° | 448.3 | 449.9 | 454.3 | 458.3 | 462.2 | 470.6 | 479.8 | 490.1 | 506.9 | 520.1 | 533.3 |
| 40° | 481.0 | 485.2 | 489.3 | 491.1 | 495.5 | 501.0 | 504.9 | 516.1 | 530.8 | 548.1 | 562.7 |
| 42.5° | 529.9 | 531.4 | 532.1 | 532.8 | 534.3 | 538.1 | 544.0 | 554.2 | 568.6 | 584.1 | 600.2 |
| 45° | 584.7 | 586.6 | 588.5 | 589.4 | 587.2 | 589.4 | 595.8 | 600.4 | 614.6 | 629.2 | 649.7 |
| 47.5° | 660.6 | 655.0 | 652.1 | 655.9 | 654.0 | 658.7 | 661.6 | 664.4 | 681.5 | 698.7 | 716.1 |
| 50° | 758.0 | 754.5 | 750.1 | 750.4 | 753.9 | 750.7 | 752.6 | 763.0 | 768.7 | 783.1 | 806.2 |
| 52.5° | 913.6 | 902.9 | 886.2 | 878.9 | 883.0 | 880.5 | 881.5 | 883.7 | 879.9 | 893.5 | 912.9 |
| 55° | 1105.7 | 1091.9 | 1080.9 | 1074.6 | 1051.3 | 1049.4 | 1033.9 | 1028.3 | 1015.9 | 1028.9 | 1024.4 |
| 57.5° | 1242.9 | 1234.0 | 1228.3 | 1209.4 | 1198.7 | 1177.3 | 1171.0 | 1163.5 | 1146.3 | 1155.0 | 1162.5 |
| 60° | 1507.4 | 1475.9 | 1465.2 | 1432.2 | 1421.1 | 1400.6 | 1374.5 | 1361.7 | 1352.8 | 1360.9 | 1355.9 |
| 62.5° | 1949.1 | 1905.3 | 1896.8 | 1818.3 | 1799.1 | 1751.9 | 1702.7 | 1696.1 | 1668.4 | 1651.1 | 1647.0 |
| 65° | 2380.4 | 2317.6 | 2270.7 | 2185.0 | 2127.1 | 2059.6 | 1984.7 | 1929.9 | 1873.4 | 1845.2 | 1807.7 |
| 66° | 2412.5 | 2387.7 | 2340.4 | 2290.3 | 2205.9 | 2132.1 | 2047.1 | 1987.9 | 1924.5 | 1874.8 | 1842.6 |
| 67.5° | 2357.7 | 2344.5 | 2327.8 | 2293.7 | 2240.8 | 2172.1 | 2091.5 | 2015.9 | 1939.7 | 1881.1 | 1829.7 |
| 70° | 1992.9 | 2007.4 | 2026.3 | 2017.4 | 1987.2 | 1960.4 | 1889.2 | 1847.1 | 1789.7 | 1712.8 | 1681.4 |
| 72.5° | 1504.3 | 1543.0 | 1529.8 | 1480.0 | 1456.7 | 1438.2 | 1412.2 | 1383.9 | 1301.7 | 1292.2 | 1255.1 |
| 75° | 967.7 | 954.9 | 963.3 | 902.9 | 861.7 | 844.6 | 783.1 | 758.0 | 696.3 | 656.2 | 625.7 |
| 77.5° | 510.1 | 484.8 | 465.3 | 412.1 | 374.0 | 351.6 | 321.6 | 286.4 | 232.2 | 229.0 | 179.6 |
| 80° | 236.6 | 217.4 | 199.7 | 181.2 | 162.5 | 138.0 | 119.7 | 97.6 | 86.2 | 74.0 | 69.0 |
| 82.5° | 160.7 | 148.4 | 137.7 | 125.3 | 111.2 | 94.2 | 81.3 | 69.0 | 58.9 | 52.9 | 48.1 |
| 85° | 145.5 | 132.3 | 120.4 | 104.9 | 90.1 | 76.0 | 62.1 | 51.3 | 42.0 | 36.5 | 33.3 |
| 87.5° | 141.4 | 125.0 | 112.5 | 95.8 | 81.3 | 66.7 | 53.6 | 41.6 | 32.5 | 26.5 | 22.6 |
| 90° | 18.0 | 19.2 | 13.8 | 13.3 | 5.7 | 7.3 | 5.4 | 3.1 | 3.4 | 2.5 | 2.9 |
| 92.5° | 0.0 | 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 | 0.0 |
| 97.5° | 0.0 | 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 | 0.0 |
| 102.5° | 0.0 | 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 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P271753

CATALOG NUMBER: ISW-AF-350-LED-E1-SL3-7027

CANDELA DISTRIBUTION (continued):

| | 60° | 61° | 62° | 63° | 64° | 65° | 66° | 67° | 68° | 69° | 70° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 112.5° | 0.0 | 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 | 0.0 |
| 117.5° | 0.0 | 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 | 0.0 |
| 122.5° | 0.0 | 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 | 0.0 |
| 127.5° | 0.0 | 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 | 0.0 |
| 132.5° | 0.0 | 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 | 0.0 |
| 137.5° | 0.0 | 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 | 0.0 |
| 142.5° | 0.0 | 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 | 0.0 |
| 147.5° | 0.0 | 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 | 0.0 |
| 152.5° | 0.0 | 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 | 0.0 |
| 157.5° | 0.0 | 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 | 0.0 |
| 162.5° | 0.0 | 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 | 0.0 |
| 167.5° | 0.0 | 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 | 0.0 |
| 172.5° | 0.0 | 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 | 0.0 |
| 177.5° | 0.0 | 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 | 0.0 |



REPORT NUMBER: P271753
 CATALOG NUMBER: ISW-AF-350-LED-E1-SL3-7027

CANDELA DISTRIBUTION (continued):

| | 71° | 72° | 73° | 74° | 75° | 76° | 77° | 78° | 79° | 80° | 81° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 558.3 | 558.3 | 558.3 | 558.3 | 558.3 | 558.3 | 558.3 | 558.3 | 558.3 | 558.3 | 558.3 |
| 2.5° | 563.9 | 563.0 | 563.9 | 563.6 | 562.2 | 562.7 | 563.0 | 561.7 | 561.1 | 561.1 | 560.7 |
| 5° | 558.8 | 558.3 | 558.8 | 558.6 | 556.7 | 556.3 | 556.3 | 555.4 | 554.2 | 553.2 | 552.5 |
| 7.5° | 546.9 | 547.6 | 547.2 | 546.3 | 545.3 | 545.3 | 544.4 | 542.1 | 540.9 | 539.6 | 538.4 |
| 10° | 533.3 | 533.3 | 533.6 | 533.3 | 531.8 | 531.2 | 529.9 | 528.7 | 528.9 | 525.8 | 523.3 |
| 12.5° | 521.4 | 521.4 | 521.1 | 520.5 | 519.5 | 519.2 | 519.2 | 515.4 | 514.5 | 513.5 | 510.7 |
| 15° | 510.1 | 510.7 | 510.7 | 510.7 | 509.1 | 509.1 | 507.5 | 504.9 | 504.9 | 502.2 | 499.3 |
| 17.5° | 501.3 | 502.2 | 501.8 | 502.2 | 502.5 | 500.5 | 497.8 | 496.1 | 494.2 | 492.7 | 488.9 |
| 20° | 493.7 | 494.2 | 494.6 | 494.6 | 493.7 | 492.5 | 489.8 | 487.4 | 486.2 | 483.0 | 478.2 |
| 22.5° | 486.7 | 488.0 | 488.3 | 488.3 | 487.0 | 486.2 | 483.6 | 479.8 | 477.3 | 473.5 | 469.1 |
| 25° | 483.8 | 485.4 | 484.5 | 485.2 | 483.8 | 481.7 | 478.2 | 475.0 | 471.3 | 466.6 | 461.9 |
| 27.5° | 484.8 | 487.0 | 486.4 | 486.2 | 484.5 | 483.0 | 478.5 | 474.8 | 470.4 | 464.6 | 458.7 |
| 30° | 490.6 | 494.2 | 492.7 | 491.5 | 491.1 | 487.4 | 483.3 | 477.9 | 472.9 | 466.2 | 459.3 |
| 32.5° | 501.3 | 503.1 | 503.4 | 502.5 | 501.0 | 497.8 | 492.1 | 485.2 | 479.4 | 471.6 | 463.4 |
| 35° | 518.8 | 520.7 | 520.1 | 520.1 | 518.5 | 513.5 | 506.6 | 499.6 | 491.7 | 483.0 | 474.5 |
| 37.5° | 543.5 | 546.9 | 546.3 | 545.0 | 543.1 | 537.2 | 531.8 | 523.3 | 514.5 | 502.8 | 493.0 |
| 40° | 574.3 | 579.7 | 584.3 | 583.4 | 579.0 | 573.7 | 568.6 | 558.8 | 550.0 | 537.2 | 526.5 |
| 42.5° | 615.9 | 623.2 | 629.2 | 633.6 | 631.7 | 624.7 | 615.9 | 611.7 | 599.2 | 586.0 | 574.9 |
| 45° | 669.1 | 684.3 | 689.6 | 695.0 | 695.0 | 690.5 | 688.7 | 680.5 | 667.2 | 649.7 | 639.2 |
| 47.5° | 739.3 | 759.6 | 765.5 | 774.7 | 780.0 | 775.2 | 771.8 | 758.0 | 749.2 | 724.9 | 722.3 |
| 50° | 824.7 | 844.9 | 861.3 | 872.1 | 870.5 | 874.5 | 866.3 | 858.5 | 846.1 | 826.4 | 819.4 |
| 52.5° | 933.8 | 949.8 | 964.6 | 970.9 | 977.5 | 976.5 | 974.8 | 969.3 | 953.9 | 943.2 | 925.5 |
| 55° | 1045.5 | 1058.8 | 1076.8 | 1087.2 | 1095.8 | 1094.1 | 1086.9 | 1073.9 | 1076.8 | 1054.4 | 1044.7 |
| 57.5° | 1172.8 | 1187.4 | 1207.0 | 1216.7 | 1220.4 | 1239.6 | 1234.9 | 1233.4 | 1228.1 | 1220.1 | 1210.1 |
| 60° | 1391.8 | 1395.9 | 1412.0 | 1436.6 | 1466.8 | 1460.8 | 1468.4 | 1473.4 | 1477.3 | 1459.6 | 1458.3 |
| 62.5° | 1652.6 | 1657.7 | 1671.6 | 1676.6 | 1681.0 | 1681.6 | 1671.6 | 1671.6 | 1654.2 | 1631.5 | 1614.0 |
| 65° | 1795.0 | 1784.7 | 1775.2 | 1769.8 | 1758.3 | 1747.8 | 1732.7 | 1712.2 | 1683.0 | 1647.9 | 1616.4 |
| 66° | 1815.6 | 1794.5 | 1782.1 | 1768.7 | 1750.0 | 1730.8 | 1712.8 | 1684.8 | 1650.5 | 1608.9 | 1567.4 |
| 67.5° | 1795.7 | 1766.7 | 1738.0 | 1718.2 | 1692.4 | 1657.7 | 1626.2 | 1593.4 | 1561.0 | 1503.9 | 1465.2 |
| 70° | 1614.5 | 1579.8 | 1548.4 | 1504.9 | 1464.0 | 1429.9 | 1375.8 | 1318.7 | 1271.8 | 1211.9 | 1173.8 |
| 72.5° | 1199.0 | 1158.1 | 1117.1 | 1056.0 | 996.4 | 987.7 | 919.5 | 852.5 | 816.6 | 768.4 | 729.6 |
| 75° | 592.3 | 540.6 | 467.2 | 434.4 | 386.9 | 363.5 | 350.6 | 302.1 | 290.4 | 242.9 | 242.3 |
| 77.5° | 167.3 | 143.7 | 127.6 | 111.2 | 104.2 | 99.3 | 81.9 | 78.4 | 71.1 | 70.0 | 65.8 |
| 80° | 63.3 | 59.8 | 58.3 | 56.8 | 55.2 | 54.2 | 53.6 | 51.0 | 49.8 | 47.9 | 46.9 |
| 82.5° | 45.6 | 44.5 | 41.6 | 40.6 | 39.3 | 37.5 | 37.2 | 35.7 | 34.7 | 32.8 | 32.1 |
| 85° | 30.9 | 29.4 | 27.7 | 26.1 | 25.5 | 25.2 | 24.3 | 23.6 | 23.0 | 22.1 | 21.6 |
| 87.5° | 20.8 | 19.2 | 17.3 | 16.7 | 16.3 | 16.7 | 17.0 | 16.3 | 16.1 | 15.5 | 15.1 |
| 90° | 2.5 | 3.4 | 3.1 | 3.1 | 3.9 | 3.1 | 3.1 | 3.4 | 3.1 | 3.1 | 2.9 |
| 92.5° | 0.0 | 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 | 0.0 |
| 97.5° | 0.0 | 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 | 0.0 |
| 102.5° | 0.0 | 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 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P271753
 CATALOG NUMBER: ISW-AF-350-LED-E1-SL3-7027

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

| | 71° | 72° | 73° | 74° | 75° | 76° | 77° | 78° | 79° | 80° | 81° | |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0° |
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.5° |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5° |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.5° |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 10° |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 12.5° |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15° |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.5° |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20° |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.5° |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25° |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.5° |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 30° |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 32.5° |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 35° |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 37.5° |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 40° |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 42.5° |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 45° |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 47.5° |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 50° |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 52.5° |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 55° |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 57.5° |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 60° |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 62.5° |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 65° |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 66° |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 67.5° |
| | | | | | | | | | | | | 70° |
| | | | | | | | | | | | | 72.5° |
| | | | | | | | | | | | | 75° |
| | | | | | | | | | | | | 77.5° |
| | | | | | | | | | | | | 80° |
| | | | | | | | | | | | | 82.5° |
| | | | | | | | | | | | | 85° |
| | | | | | | | | | | | | 87.5° |
| | | | | | | | | | | | | 90° |
| | | | | | | | | | | | | 92.5° |
| | | | | | | | | | | | | 95° |
| | | | | | | | | | | | | 97.5° |
| | | | | | | | | | | | | 100° |
| | | | | | | | | | | | | 102.5° |
| | | | | | | | | | | | | 105° |
| | | | | | | | | | | | | 107.5° |



NUMBER: P271753
 NUMBER: ISW-AF-350-LED-E1-SL3-7027

REPORT NUMBER: P
 CATALOG NUMBER:

| DISTRIBUTION (continued): | | | | | | | | | | | CANDELA DISTRIBUTION | | |
|----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-----------------------------|--------|-----|
| 82° | 83° | 84° | 85° | 86° | 87° | 88° | 89° | 90° | 95° | 105° | | 82° | |
| 558.3 | 558.3 | 558.3 | 558.3 | 558.3 | 558.3 | 558.3 | 558.3 | 558.3 | 558.3 | 558.3 | 558.3 | 110° | 0.0 |
| 560.1 | 559.1 | 559.6 | 558.3 | 557.8 | 558.6 | 558.8 | 558.8 | 557.8 | 552.3 | 545.6 | 545.6 | 112.5° | 0.0 |
| 552.0 | 550.0 | 549.8 | 548.8 | 547.2 | 549.1 | 548.1 | 546.6 | 544.7 | 538.1 | 525.1 | 525.1 | 115° | 0.0 |
| 536.7 | 535.6 | 534.0 | 532.8 | 531.8 | 531.2 | 530.8 | 529.2 | 525.8 | 513.5 | 491.7 | 491.7 | 117.5° | 0.0 |
| 522.4 | 520.7 | 518.8 | 516.1 | 514.8 | 512.8 | 512.8 | 509.1 | 506.6 | 491.1 | 459.0 | 459.0 | 120° | 0.0 |
| 508.1 | 505.3 | 504.4 | 502.5 | 499.0 | 497.4 | 495.2 | 491.5 | 487.7 | 469.1 | 426.9 | 426.9 | 122.5° | 0.0 |
| 497.4 | 494.6 | 490.6 | 489.3 | 485.4 | 482.0 | 479.2 | 474.1 | 470.0 | 445.5 | 393.2 | 393.2 | 125° | 0.0 |
| 485.7 | 483.6 | 479.2 | 476.3 | 472.1 | 468.2 | 463.4 | 457.1 | 454.3 | 423.1 | 361.0 | 361.0 | 127.5° | 0.0 |
| 476.3 | 471.3 | 466.2 | 463.7 | 458.7 | 453.9 | 449.2 | 441.7 | 435.9 | 401.0 | 327.1 | 327.1 | 130° | 0.0 |
| 465.3 | 460.9 | 455.5 | 451.1 | 444.2 | 438.8 | 433.5 | 425.5 | 418.7 | 378.6 | 292.7 | 292.7 | 132.5° | 0.0 |
| 457.8 | 451.5 | 445.8 | 440.7 | 432.8 | 426.5 | 419.0 | 410.4 | 403.6 | 357.3 | 254.8 | 254.8 | 135° | 0.0 |
| 453.4 | 447.1 | 439.8 | 433.5 | 424.4 | 417.2 | 408.9 | 399.5 | 390.7 | 339.9 | 219.3 | 219.3 | 137.5° | 0.0 |
| 452.0 | 444.5 | 436.9 | 429.1 | 419.6 | 410.4 | 400.7 | 391.3 | 379.9 | 323.2 | 180.5 | 180.5 | 140° | 0.0 |
| 455.9 | 446.6 | 438.2 | 428.7 | 417.7 | 407.3 | 397.6 | 385.4 | 374.0 | 308.7 | 142.4 | 142.4 | 142.5° | 0.0 |
| 466.2 | 455.2 | 445.5 | 435.0 | 422.5 | 411.2 | 399.5 | 385.6 | 373.0 | 298.7 | 109.1 | 109.1 | 145° | 0.0 |
| 482.6 | 472.1 | 460.9 | 450.5 | 435.9 | 423.4 | 410.4 | 395.6 | 380.5 | 294.6 | 82.3 | 82.3 | 147.5° | 0.0 |
| 515.6 | 501.8 | 490.1 | 479.2 | 462.4 | 449.5 | 434.7 | 416.8 | 399.7 | 298.3 | 68.7 | 68.7 | 150° | 0.0 |
| 562.0 | 544.7 | 534.0 | 524.3 | 503.4 | 489.3 | 472.1 | 451.8 | 432.5 | 309.1 | 60.5 | 60.5 | 152.5° | 0.0 |
| 626.0 | 612.7 | 593.5 | 578.4 | 557.3 | 541.6 | 522.6 | 498.1 | 476.6 | 324.2 | 56.4 | 56.4 | 155° | 0.0 |
| 706.0 | 688.7 | 669.8 | 654.3 | 631.3 | 603.9 | 584.1 | 554.4 | 530.2 | 347.8 | 54.4 | 54.4 | 157.5° | 0.0 |
| 803.9 | 783.1 | 757.6 | 744.8 | 713.0 | 691.4 | 665.0 | 633.2 | 602.3 | 384.4 | 55.4 | 55.4 | 160° | 0.0 |
| 910.4 | 888.1 | 868.2 | 843.7 | 814.7 | 790.8 | 765.5 | 731.8 | 693.0 | 453.6 | 59.2 | 59.2 | 162.5° | 0.0 |
| 1022.9 | 1008.3 | 989.6 | 957.8 | 942.0 | 911.7 | 879.6 | 842.4 | 814.3 | 543.7 | 68.5 | 68.5 | 165° | 0.0 |
| 1186.8 | 1171.0 | 1168.8 | 1137.5 | 1113.7 | 1086.2 | 1061.0 | 1030.2 | 997.1 | 703.8 | 89.8 | 89.8 | 167.5° | 0.0 |
| 1438.7 | 1422.4 | 1403.8 | 1379.5 | 1351.2 | 1317.2 | 1285.9 | 1244.4 | 1207.5 | 864.1 | 99.8 | 99.8 | 170° | 0.0 |
| 1588.0 | 1557.8 | 1524.4 | 1487.6 | 1446.3 | 1404.1 | 1362.2 | 1309.0 | 1255.4 | 873.9 | 90.1 | 90.1 | 172.5° | 0.0 |
| 1575.4 | 1538.0 | 1495.5 | 1445.4 | 1401.9 | 1350.0 | 1304.9 | 1236.2 | 1187.4 | 778.1 | 73.4 | 73.4 | 175° | 0.0 |
| 1528.8 | 1477.5 | 1437.5 | 1391.6 | 1336.9 | 1290.3 | 1242.9 | 1175.1 | 1119.3 | 713.5 | 67.1 | 67.1 | 177.5° | 0.0 |
| 1409.4 | 1365.6 | 1310.2 | 1266.1 | 1225.7 | 1170.0 | 1125.3 | 1062.0 | 1023.6 | 618.8 | 60.2 | 60.2 | 180° | 0.0 |
| 1126.6 | 1066.1 | 1019.1 | 984.8 | 939.1 | 888.7 | 849.0 | 795.8 | 761.8 | 409.5 | 52.0 | 52.0 | | |
| 656.2 | 641.1 | 588.5 | 558.8 | 531.2 | 490.1 | 458.7 | 433.2 | 388.4 | 198.4 | 46.0 | 46.0 | | |
| 202.3 | 188.0 | 186.2 | 158.1 | 167.3 | 143.0 | 139.2 | 126.6 | 126.6 | 76.3 | 36.2 | 36.2 | | |
| 64.6 | 63.3 | 60.7 | 57.3 | 56.1 | 56.1 | 54.4 | 54.2 | 51.7 | 41.0 | 27.1 | 27.1 | | |
| 45.6 | 44.7 | 43.7 | 42.8 | 42.2 | 42.5 | 41.2 | 40.6 | 40.1 | 29.6 | 21.4 | 21.4 | | |
| 31.5 | 30.5 | 28.7 | 28.7 | 28.0 | 27.7 | 28.0 | 26.8 | 26.5 | 20.8 | 18.0 | 18.0 | | |
| 21.4 | 21.1 | 20.8 | 20.5 | 20.1 | 19.9 | 19.5 | 18.5 | 18.0 | 14.6 | 12.6 | 12.6 | | |
| 14.1 | 11.9 | 11.7 | 10.2 | 9.8 | 9.4 | 8.8 | 9.4 | 10.4 | 10.4 | 8.2 | 8.2 | | |
| 3.1 | 2.9 | 3.1 | 3.1 | 2.5 | 2.9 | 2.9 | 2.2 | 2.2 | 3.1 | 2.9 | 2.9 | | |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | |

'271753
 ISW-AF-350-LED-E1-SL3-7027

REPORT NUMBER: P271753
 CATALOG NUMBER: ISW-AF-3!

TION (continued):

CANDELA DISTRIBUTION (con

| 83° | 84° | 85° | 86° | 87° | 88° | 89° | 90° | 95° | 105° | | 115° | 125° |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|--------|-------|-------|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0° | 558.3 | 558.3 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.5° | 540.0 | 534.9 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5° | 511.2 | 500.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.5° | 472.6 | 450.5 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 10° | 428.1 | 396.3 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 12.5° | 382.0 | 341.4 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15° | 339.3 | 285.4 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.5° | 294.3 | 227.8 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20° | 251.1 | 172.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.5° | 202.3 | 120.6 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25° | 148.4 | 87.6 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.5° | 105.8 | 70.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 30° | 79.1 | 58.9 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 32.5° | 63.3 | 51.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 35° | 53.9 | 46.4 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 37.5° | 48.1 | 43.2 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 40° | 45.1 | 41.6 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 42.5° | 43.2 | 40.1 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 45° | 42.2 | 39.1 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 47.5° | 41.6 | 37.8 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 50° | 41.0 | 37.8 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 52.5° | 41.2 | 38.4 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 55° | 42.8 | 38.4 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 57.5° | 45.4 | 38.4 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 60° | 47.3 | 39.1 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 62.5° | 47.9 | 40.3 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 65° | 47.3 | 41.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 66° | 46.6 | 41.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 67.5° | 45.6 | 40.3 |
| | | | | | | | | | | 70° | 43.5 | 37.8 |
| | | | | | | | | | | 72.5° | 39.1 | 34.0 |
| | | | | | | | | | | 75° | 33.3 | 27.4 |
| | | | | | | | | | | 77.5° | 27.1 | 22.1 |
| | | | | | | | | | | 80° | 20.1 | 16.7 |
| | | | | | | | | | | 82.5° | 14.8 | 12.9 |
| | | | | | | | | | | 85° | 10.4 | 9.2 |
| | | | | | | | | | | 87.5° | 6.3 | 5.7 |
| | | | | | | | | | | 90° | 1.5 | 1.5 |
| | | | | | | | | | | 92.5° | 0.0 | 0.0 |
| | | | | | | | | | | 95° | 0.0 | 0.0 |
| | | | | | | | | | | 97.5° | 0.0 | 0.0 |
| | | | | | | | | | | 100° | 0.0 | 0.0 |
| | | | | | | | | | | 102.5° | 0.0 | 0.0 |
| | | | | | | | | | | 105° | 0.0 | 0.0 |
| | | | | | | | | | | 107.5° | 0.0 | 0.0 |



REPORT NUMBER: P271753

CATALOG NUMBER: ISW-AF-350-LED-E1-

50-LED-E1-SL3-7027

tinued):

| 135° | 145° | 155° | 165° | 175° | 180° |
|-------|-------|-------|-------|-------|-------|
| 558.3 | 558.3 | 558.3 | 558.3 | 558.3 | 558.3 |
| 531.4 | 531.2 | 523.3 | 521.6 | 516.3 | 519.2 |
| 486.4 | 481.0 | 466.8 | 464.1 | 458.0 | 456.5 |
| 432.5 | 417.7 | 406.4 | 393.7 | 381.8 | 387.8 |
| 369.6 | 344.6 | 319.8 | 303.4 | 296.8 | 294.6 |
| 309.6 | 264.9 | 233.8 | 201.6 | 190.4 | 194.3 |
| 237.2 | 186.2 | 144.5 | 126.0 | 115.3 | 113.5 |
| 167.3 | 119.5 | 100.3 | 95.5 | 93.2 | 93.2 |
| 113.5 | 91.1 | 83.8 | 81.6 | 81.6 | 81.9 |
| 86.2 | 76.5 | 73.4 | 73.8 | 75.0 | 75.3 |
| 71.5 | 67.7 | 66.1 | 68.5 | 70.9 | 71.1 |
| 61.7 | 60.7 | 61.2 | 64.0 | 66.5 | 66.7 |
| 54.2 | 55.2 | 56.4 | 58.9 | 61.2 | 61.7 |
| 48.9 | 50.5 | 51.3 | 52.9 | 54.2 | 54.4 |
| 45.1 | 46.9 | 46.6 | 47.6 | 48.5 | 48.9 |
| 42.8 | 43.7 | 42.8 | 43.5 | 43.5 | 44.1 |
| 41.0 | 41.2 | 39.6 | 40.1 | 40.6 | 40.6 |
| 39.1 | 38.8 | 37.2 | 37.8 | 38.8 | 39.1 |
| 37.2 | 36.5 | 35.2 | 36.5 | 38.1 | 38.4 |
| 35.7 | 34.9 | 34.3 | 35.9 | 37.8 | 38.1 |
| 34.9 | 34.3 | 33.7 | 35.9 | 37.8 | 38.1 |
| 34.9 | 34.3 | 33.7 | 35.2 | 37.2 | 37.5 |
| 35.2 | 34.7 | 33.3 | 34.9 | 36.2 | 36.5 |
| 35.7 | 34.9 | 32.8 | 33.7 | 34.3 | 34.7 |
| 35.7 | 34.3 | 32.1 | 32.5 | 32.5 | 32.8 |
| 34.9 | 33.3 | 30.9 | 30.9 | 30.5 | 30.5 |
| 34.9 | 32.1 | 29.6 | 28.9 | 28.4 | 28.4 |
| 34.7 | 31.8 | 29.4 | 28.4 | 27.4 | 27.4 |
| 34.0 | 31.2 | 28.7 | 27.4 | 26.5 | 26.5 |
| 31.8 | 29.9 | 27.1 | 25.8 | 25.0 | 24.5 |
| 28.4 | 27.4 | 25.2 | 24.3 | 23.4 | 23.0 |
| 24.0 | 24.3 | 23.0 | 22.4 | 21.4 | 21.1 |
| 20.1 | 20.8 | 20.1 | 19.9 | 19.2 | 19.0 |
| 16.1 | 17.3 | 16.7 | 16.7 | 17.0 | 16.3 |
| 12.3 | 13.8 | 13.3 | 13.8 | 14.6 | 13.6 |
| 8.5 | 10.2 | 10.2 | 10.4 | 10.7 | 10.2 |
| 5.4 | 6.6 | 6.3 | 6.6 | 6.6 | 6.3 |
| 1.3 | 2.2 | 1.3 | 1.9 | 1.5 | 1.3 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

CANDELA DISTRIBUTION (continued):

| | 115° | 125° | 135° |
|--------|------|------|------|
| 110° | 0.0 | 0.0 | 0.0 |
| 112.5° | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 |
| 180° | 0.0 | 0.0 | 0.0 |

