

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: P271754

Luminaire Tested: **ISW-AF-350-LED-E1-SL4-7027**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P271754
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P35947)
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-SL4-7027
Description: IMPACT ELITE LED WEDGE LUMINAIRE
LIGHT SQUARE WITH ACCULED OPTICS-TYPE IV W/SPILL CONTROL
Light Source: (16) 2700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1941.1 lumens
Efficiency: N/A
Efficacy: 96.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short - Semi-Cutoff
BUG Rating: B0 - U1 - G1

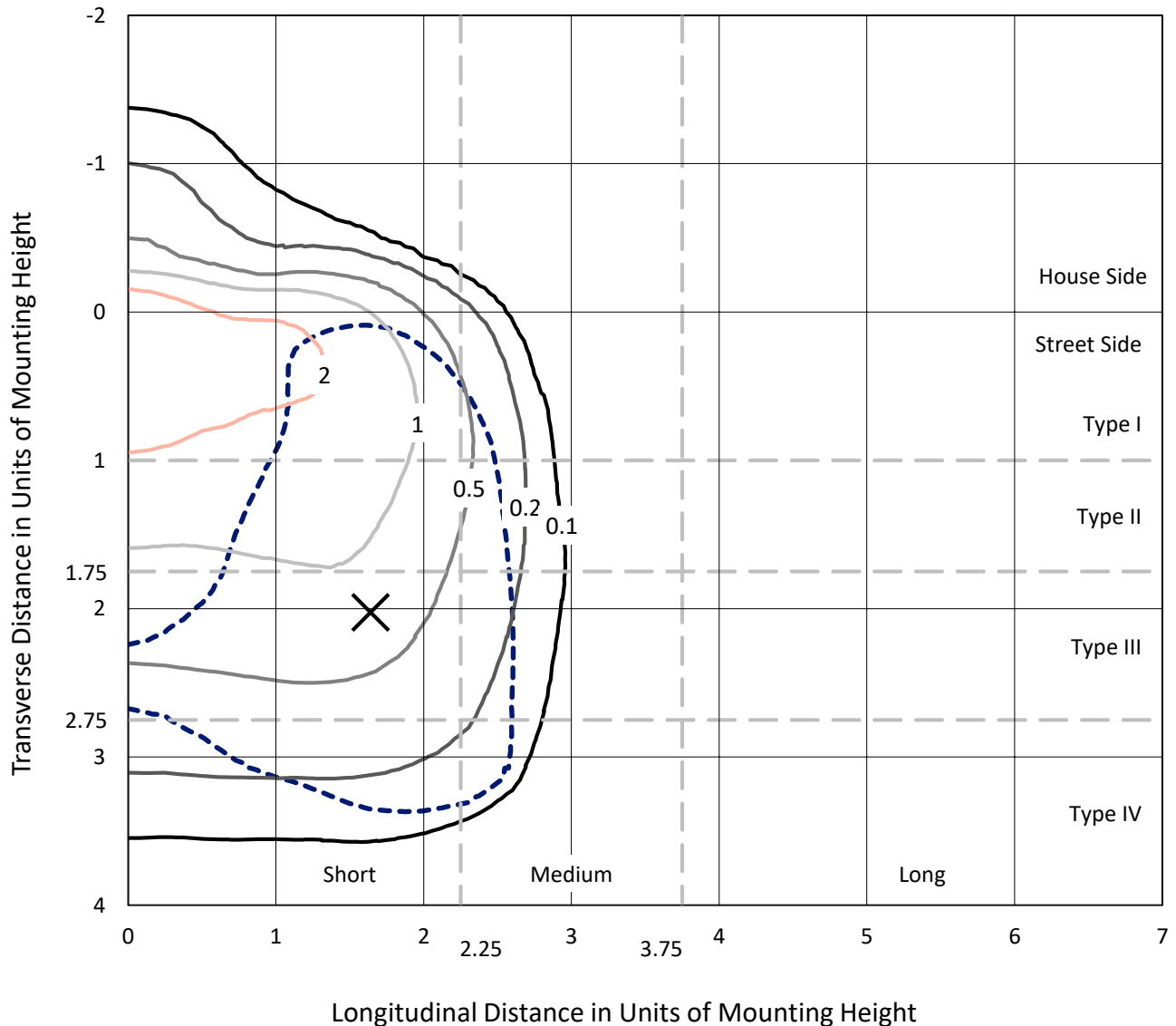
Input Watts (W): 20.09
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P271754
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Iso-Footcandle Lines of Horizontal Illumination

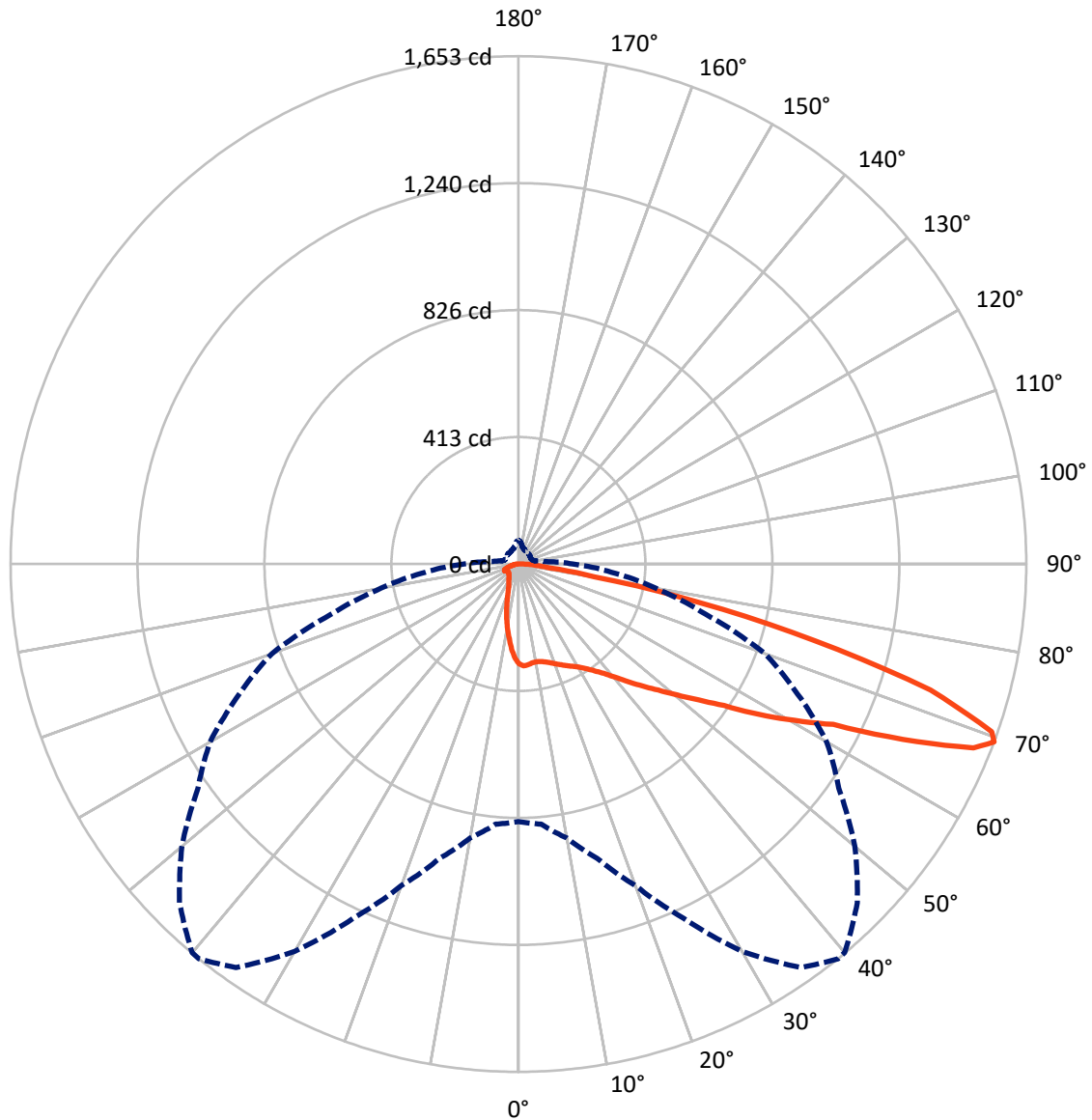
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 3.3 fc
 Type IV - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 39-Deg Lateral - - - Horizontal Cone Through 69-Deg Vertical

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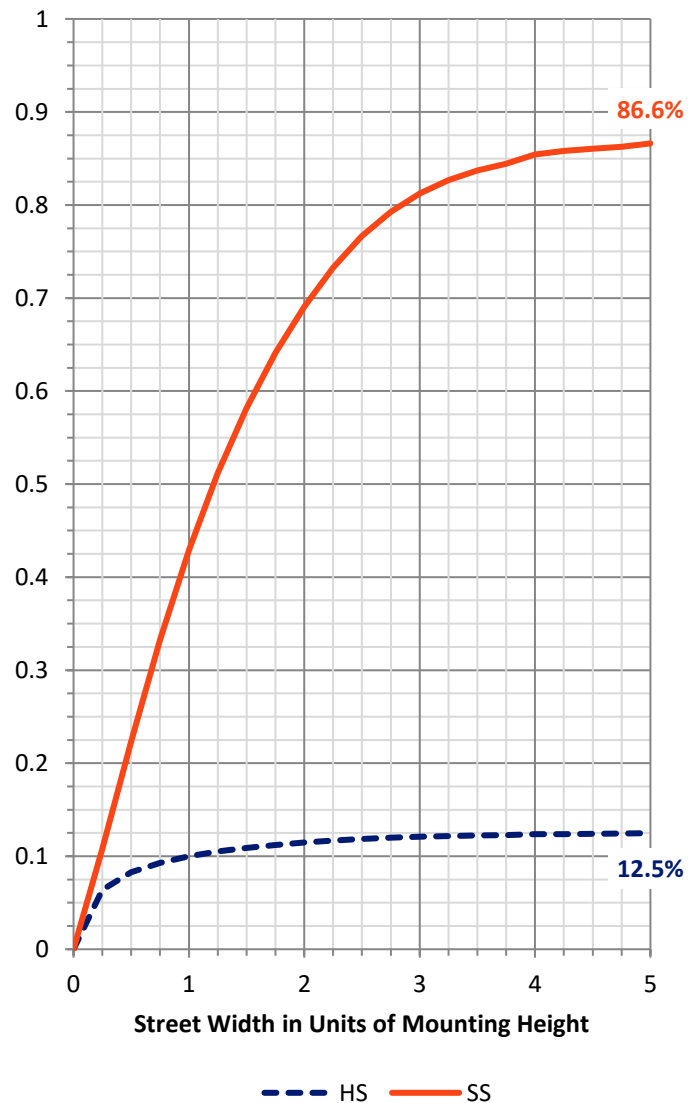
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 245.6 | 0.1 | 245.7 |
| | % Fixture | 12.7 | 0.0 | 12.7 |
| Street Side | Lumens | 1695.0 | 0.5 | 1695.5 |
| | % Fixture | 87.3 | 0.0 | 87.3 |
| Total | Lumens | 1940.6 | 0.5 | 1941.1 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 28.1 | 1.4 |
| 10°-20° | 70.8 | 3.6 |
| 20°-30° | 110.1 | 5.7 |
| 30°-40° | 166.5 | 8.6 |
| 40°-50° | 266.4 | 13.7 |
| 50°-60° | 418.7 | 21.6 |
| 60°-70° | 563.7 | 29.0 |
| 70°-80° | 279.6 | 14.4 |
| 80°-90° | 36.7 | 1.9 |
| 90°-100° | 0.5 | 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° | 1940.6 | 100.0 |
| 0°-180° | 1941.1 | 100.0 |



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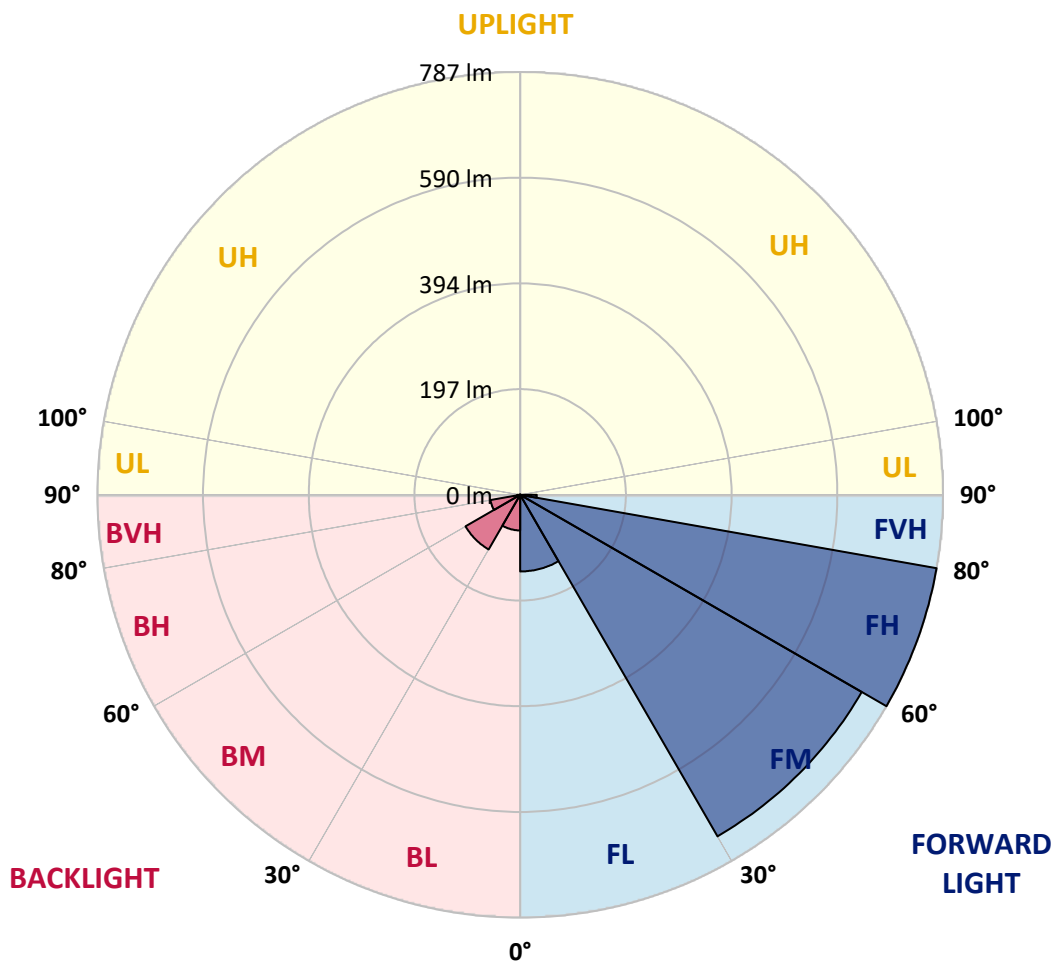
CATALOG NUMBER: ISW-AF-350-LED-E1-SL4-7027

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|-------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 142.7 | 7.4 | | | |
| FM | (30°-60°) | 734.2 | 37.8 | | | |
| FH | (60°-80°) | 787.1 | 40.6 | | | G1/1800 |
| FVH | (80°-90°) | 30.9 | 1.6 | | | G1/100 |
| BL | (0°-30°) | 66.3 | 3.4 | B0/110 | | |
| BM | (30°-60°) | 117.3 | 6.0 | B0/220 | | |
| BH | (60°-80°) | 56.2 | 2.9 | B0/110 | | G0/110 |
| BVH | (80°-90°) | 5.8 | 0.3 | | | G0/10 |
| UL | (90°-100°) | 0.5 | 0.0 | | U1/10 | |
| UH | (100°-180°) | 0.1 | 0.0 | | U1/10 | |

BUG Rating: B0-U1-G1

Type IV Short





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CATALOG NUMBER: ISW-AF-350-LED-E1-SL4-7027

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 39° | 40° | 45° |
|--------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 325.2 | 325.2 | 325.2 | 325.2 | 325.2 | 325.2 | 325.2 | 325.2 | 325.2 | 325.2 | 325.2 |
| 2.5° | 333.0 | 333.3 | 333.3 | 333.6 | 332.4 | 332.4 | 332.7 | 331.5 | 332.0 | 331.7 | 330.1 |
| 5° | 333.6 | 333.9 | 333.6 | 333.9 | 332.4 | 331.7 | 330.5 | 328.9 | 329.5 | 329.2 | 327.1 |
| 7.5° | 332.0 | 332.4 | 331.7 | 332.0 | 330.1 | 328.9 | 327.1 | 325.7 | 324.7 | 324.5 | 321.6 |
| 10° | 328.6 | 329.5 | 328.3 | 329.2 | 327.6 | 326.4 | 325.5 | 324.2 | 323.5 | 323.2 | 320.1 |
| 12.5° | 323.5 | 324.2 | 324.5 | 325.7 | 325.7 | 326.1 | 326.1 | 325.2 | 325.5 | 325.2 | 322.6 |
| 15° | 318.8 | 321.1 | 323.2 | 324.5 | 327.1 | 328.6 | 329.9 | 329.5 | 330.5 | 330.1 | 328.6 |
| 17.5° | 318.8 | 320.8 | 324.5 | 328.6 | 333.3 | 335.4 | 337.4 | 337.4 | 337.8 | 337.1 | 334.6 |
| 20° | 320.1 | 323.5 | 329.9 | 336.8 | 342.4 | 346.8 | 348.1 | 347.8 | 346.6 | 346.6 | 342.2 |
| 22.5° | 330.5 | 332.7 | 339.6 | 347.1 | 355.0 | 359.4 | 359.8 | 358.9 | 356.3 | 355.7 | 350.2 |
| 25° | 345.3 | 347.8 | 354.1 | 363.8 | 369.8 | 373.3 | 372.3 | 369.2 | 366.7 | 364.5 | 358.9 |
| 27.5° | 368.2 | 370.2 | 376.5 | 383.0 | 386.5 | 387.8 | 384.0 | 379.6 | 376.7 | 375.9 | 368.2 |
| 30° | 391.9 | 394.4 | 399.5 | 403.6 | 406.4 | 402.6 | 396.6 | 391.6 | 389.1 | 388.4 | 381.5 |
| 32.5° | 420.9 | 421.2 | 424.7 | 425.5 | 426.0 | 419.6 | 411.4 | 406.8 | 405.8 | 404.5 | 399.2 |
| 35° | 447.4 | 449.0 | 448.3 | 448.0 | 445.1 | 437.3 | 430.4 | 427.5 | 426.5 | 426.2 | 421.8 |
| 37.5° | 471.0 | 473.5 | 471.9 | 469.1 | 465.6 | 459.3 | 452.0 | 449.0 | 452.0 | 450.2 | 451.1 |
| 40° | 494.0 | 494.0 | 492.1 | 490.6 | 486.4 | 480.4 | 477.9 | 478.2 | 483.3 | 484.5 | 485.8 |
| 42.5° | 513.8 | 513.5 | 511.7 | 510.3 | 509.7 | 508.5 | 507.3 | 513.2 | 522.9 | 524.9 | 527.7 |
| 45° | 535.6 | 535.2 | 528.0 | 530.4 | 534.9 | 535.9 | 540.3 | 554.2 | 566.1 | 567.1 | 573.1 |
| 47.5° | 556.7 | 554.2 | 547.2 | 549.8 | 562.4 | 569.0 | 576.3 | 595.8 | 612.5 | 615.9 | 632.6 |
| 50° | 578.7 | 576.3 | 568.6 | 573.4 | 591.1 | 603.3 | 620.3 | 647.4 | 670.3 | 675.2 | 696.8 |
| 52.5° | 601.8 | 601.4 | 595.5 | 602.7 | 624.4 | 649.3 | 676.1 | 706.7 | 734.6 | 740.7 | 772.8 |
| 55° | 629.4 | 627.8 | 625.3 | 634.1 | 665.0 | 698.4 | 740.3 | 782.0 | 812.4 | 823.2 | 855.6 |
| 57.5° | 660.6 | 660.1 | 660.3 | 678.6 | 715.8 | 766.4 | 817.9 | 873.9 | 924.4 | 931.9 | 962.2 |
| 60° | 687.7 | 689.0 | 696.3 | 724.9 | 771.6 | 840.3 | 912.4 | 988.2 | 1033.1 | 1040.9 | 1070.5 |
| 62.5° | 720.8 | 728.1 | 744.2 | 780.4 | 835.2 | 918.3 | 1011.9 | 1092.2 | 1149.9 | 1166.0 | 1222.1 |
| 65° | 800.2 | 805.9 | 835.9 | 879.6 | 949.5 | 1056.0 | 1163.5 | 1280.4 | 1375.5 | 1389.9 | 1438.2 |
| 67.5° | 858.2 | 872.6 | 919.5 | 991.1 | 1092.2 | 1228.3 | 1375.8 | 1517.1 | 1597.5 | 1604.1 | 1570.5 |
| 69° | 838.0 | 850.0 | 905.4 | 991.7 | 1113.7 | 1272.1 | 1455.4 | 1603.3 | 1652.7 | 1651.4 | 1559.7 |
| 70° | 807.1 | 818.2 | 879.4 | 963.1 | 1095.8 | 1267.1 | 1456.7 | 1603.8 | 1633.7 | 1622.5 | 1517.6 |
| 72.5° | 676.1 | 685.9 | 743.2 | 830.8 | 959.3 | 1129.3 | 1308.0 | 1408.5 | 1402.3 | 1392.8 | 1219.4 |
| 75° | 422.1 | 421.6 | 471.6 | 522.4 | 622.2 | 794.2 | 927.1 | 1007.8 | 995.0 | 987.7 | 782.9 |
| 77.5° | 157.8 | 168.8 | 187.2 | 241.6 | 287.6 | 380.5 | 488.0 | 577.8 | 602.7 | 570.9 | 421.6 |
| 80° | 82.3 | 88.2 | 100.3 | 119.5 | 137.4 | 157.2 | 189.0 | 243.2 | 251.7 | 234.6 | 170.0 |
| 82.5° | 64.9 | 72.1 | 84.1 | 100.5 | 113.1 | 105.6 | 99.5 | 103.0 | 102.4 | 97.6 | 86.7 |
| 85° | 49.1 | 57.6 | 77.2 | 94.0 | 111.7 | 94.5 | 75.3 | 65.8 | 58.6 | 58.9 | 62.7 |
| 87.5° | 24.5 | 31.8 | 60.7 | 81.9 | 97.4 | 62.7 | 49.1 | 38.1 | 31.8 | 30.5 | 41.0 |
| 90° | 7.5 | 7.5 | 12.3 | 16.1 | 22.1 | 11.0 | 10.7 | 8.2 | 6.0 | 6.0 | 9.4 |
| 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-SL4-7027

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 39° | 40° | 45° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 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-SL4-7027

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° |
|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| 0° | 325.2 | 325.2 | 325.2 | 325.2 | 325.2 | 325.2 | 325.2 | 325.2 | 325.2 | 325.2 | 325.2 |
| 2.5° | 328.9 | 328.9 | 328.3 | 327.9 | 327.1 | 325.7 | 324.7 | 323.2 | 322.3 | 320.8 | 318.8 |
| 5° | 324.7 | 323.5 | 322.9 | 321.6 | 319.8 | 318.2 | 316.3 | 314.0 | 311.6 | 308.4 | 305.0 |
| 7.5° | 319.4 | 317.6 | 315.3 | 314.8 | 312.5 | 310.6 | 308.4 | 305.2 | 301.8 | 296.1 | 291.7 |
| 10° | 317.2 | 315.3 | 313.5 | 312.3 | 309.4 | 307.2 | 304.6 | 300.6 | 296.1 | 288.5 | 280.5 |
| 12.5° | 319.4 | 317.6 | 315.7 | 313.5 | 310.9 | 308.4 | 305.0 | 299.9 | 293.9 | 284.1 | 274.2 |
| 15° | 324.7 | 322.9 | 319.8 | 317.6 | 314.0 | 311.9 | 307.2 | 301.5 | 292.7 | 280.7 | 267.4 |
| 17.5° | 330.8 | 327.9 | 325.2 | 321.6 | 318.4 | 315.7 | 310.6 | 303.4 | 292.4 | 278.1 | 261.1 |
| 20° | 336.4 | 333.3 | 328.9 | 326.4 | 323.2 | 319.2 | 313.8 | 305.0 | 291.7 | 273.2 | 254.6 |
| 22.5° | 343.1 | 339.0 | 334.3 | 331.5 | 328.9 | 325.5 | 319.2 | 307.8 | 291.7 | 270.3 | 246.9 |
| 25° | 351.6 | 346.3 | 341.4 | 338.8 | 337.1 | 334.6 | 327.1 | 314.4 | 293.9 | 268.8 | 240.7 |
| 27.5° | 361.7 | 354.7 | 350.7 | 348.7 | 348.5 | 346.6 | 339.0 | 323.2 | 299.0 | 268.8 | 234.6 |
| 30° | 373.7 | 367.7 | 362.3 | 362.3 | 366.1 | 364.8 | 356.3 | 336.8 | 306.8 | 269.7 | 230.2 |
| 32.5° | 390.3 | 384.4 | 381.2 | 384.4 | 388.4 | 389.8 | 379.9 | 356.0 | 319.8 | 274.2 | 225.8 |
| 35° | 414.8 | 411.2 | 408.9 | 413.6 | 421.8 | 425.0 | 413.0 | 384.7 | 338.8 | 282.6 | 223.4 |
| 37.5° | 447.4 | 444.5 | 441.7 | 449.9 | 465.3 | 471.6 | 454.4 | 417.7 | 365.8 | 296.8 | 222.2 |
| 40° | 484.5 | 484.8 | 488.0 | 504.4 | 519.2 | 532.4 | 512.9 | 467.8 | 402.9 | 316.9 | 223.4 |
| 42.5° | 528.7 | 532.1 | 542.8 | 565.6 | 594.2 | 604.6 | 585.7 | 528.3 | 449.2 | 341.2 | 226.6 |
| 45° | 583.4 | 592.6 | 610.8 | 644.5 | 679.2 | 695.3 | 668.5 | 604.6 | 507.5 | 379.9 | 235.4 |
| 47.5° | 641.7 | 661.9 | 692.8 | 733.7 | 774.1 | 784.4 | 751.3 | 673.5 | 564.6 | 414.3 | 248.9 |
| 50° | 716.4 | 740.9 | 771.8 | 821.1 | 863.8 | 870.2 | 826.4 | 737.5 | 614.4 | 444.2 | 261.8 |
| 52.5° | 785.9 | 819.4 | 858.8 | 915.8 | 959.3 | 951.5 | 894.7 | 794.6 | 653.7 | 464.6 | 269.0 |
| 55° | 881.1 | 915.8 | 960.3 | 1010.1 | 1053.2 | 1034.3 | 956.8 | 843.0 | 685.1 | 479.9 | 271.3 |
| 57.5° | 989.8 | 1016.3 | 1059.8 | 1110.8 | 1139.2 | 1106.7 | 1017.9 | 890.3 | 715.1 | 480.1 | 254.0 |
| 60° | 1096.7 | 1127.6 | 1175.4 | 1225.5 | 1241.3 | 1185.1 | 1060.4 | 897.6 | 685.6 | 428.4 | 203.2 |
| 62.5° | 1254.8 | 1285.9 | 1310.3 | 1318.4 | 1290.1 | 1177.3 | 1011.0 | 821.1 | 591.1 | 338.0 | 144.0 |
| 65° | 1431.4 | 1396.2 | 1349.3 | 1305.1 | 1228.1 | 1056.7 | 871.7 | 674.4 | 458.7 | 225.8 | 99.3 |
| 67.5° | 1477.8 | 1370.5 | 1268.4 | 1170.0 | 1026.0 | 841.4 | 657.5 | 474.5 | 294.3 | 128.5 | 67.5 |
| 69° | 1429.7 | 1272.8 | 1159.0 | 1003.0 | 854.4 | 629.7 | 453.0 | 304.0 | 175.8 | 89.5 | 56.4 |
| 70° | 1341.3 | 1178.3 | 1024.2 | 857.3 | 661.9 | 481.0 | 301.2 | 199.2 | 114.6 | 65.1 | 50.8 |
| 72.5° | 1012.2 | 809.4 | 623.7 | 405.1 | 246.9 | 137.0 | 96.4 | 69.0 | 54.4 | 47.9 | 43.5 |
| 75° | 585.3 | 389.8 | 255.2 | 136.1 | 80.7 | 59.8 | 52.3 | 46.6 | 43.2 | 41.6 | 37.8 |
| 77.5° | 246.9 | 154.4 | 104.7 | 76.5 | 54.2 | 46.4 | 40.3 | 37.2 | 36.9 | 35.9 | 32.5 |
| 80° | 112.5 | 96.4 | 82.3 | 57.6 | 41.2 | 35.2 | 30.9 | 30.3 | 30.9 | 29.9 | 26.5 |
| 82.5° | 83.5 | 82.3 | 68.7 | 44.5 | 31.5 | 23.6 | 19.2 | 20.1 | 22.6 | 24.5 | 21.4 |
| 85° | 69.6 | 69.6 | 57.6 | 33.1 | 20.8 | 15.1 | 14.8 | 16.7 | 19.0 | 20.5 | 17.3 |
| 87.5° | 64.0 | 61.4 | 33.1 | 17.0 | 11.9 | 9.8 | 9.2 | 8.2 | 8.2 | 14.1 | 11.9 |
| 90° | 6.3 | 2.9 | 1.5 | 1.3 | 1.5 | 1.3 | 1.9 | 1.5 | 1.5 | 1.5 | 1.5 |
| 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: P271754

CATALOG NUMBER: ISW-AF-350-LED-E1-SL4-7027

CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 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: P271754

CATALOG NUMBER: ISW-AF-350-LED-E1-SL4-7027

CANDELA DISTRIBUTION (continued):

| | 105° | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 325.2 | 325.2 | 325.2 | 325.2 | 325.2 | 325.2 | 325.2 | 325.2 | 325.2 | 325.2 | 325.2 |
| 2.5° | 317.2 | 315.9 | 312.8 | 312.3 | 311.3 | 309.9 | 309.6 | 308.1 | 305.0 | 304.3 | 304.6 |
| 5° | 302.8 | 297.7 | 294.3 | 291.4 | 289.3 | 283.5 | 281.3 | 278.8 | 274.4 | 273.2 | 271.3 |
| 7.5° | 285.8 | 279.7 | 272.8 | 267.8 | 261.8 | 255.7 | 251.1 | 245.1 | 240.4 | 237.5 | 232.5 |
| 10° | 272.5 | 264.3 | 255.2 | 245.1 | 237.2 | 228.1 | 222.2 | 215.1 | 207.6 | 200.7 | 195.7 |
| 12.5° | 262.5 | 251.1 | 237.8 | 225.8 | 214.5 | 204.7 | 194.0 | 184.3 | 174.8 | 165.4 | 157.2 |
| 15° | 254.2 | 240.0 | 223.4 | 208.2 | 194.3 | 179.9 | 167.9 | 154.4 | 142.4 | 134.2 | 123.8 |
| 17.5° | 245.3 | 227.1 | 207.3 | 189.6 | 171.7 | 156.6 | 141.4 | 127.3 | 115.9 | 105.2 | 96.7 |
| 20° | 234.6 | 212.7 | 191.2 | 170.8 | 150.3 | 132.9 | 117.5 | 103.9 | 93.0 | 84.4 | 78.2 |
| 22.5° | 222.7 | 196.9 | 172.0 | 149.7 | 129.2 | 112.2 | 97.6 | 87.6 | 79.4 | 74.6 | 72.8 |
| 25° | 211.1 | 181.5 | 153.4 | 128.9 | 108.3 | 94.0 | 84.1 | 75.5 | 71.5 | 69.6 | 69.6 |
| 27.5° | 200.3 | 165.6 | 134.6 | 110.6 | 90.7 | 79.4 | 71.9 | 68.5 | 66.5 | 66.5 | 67.5 |
| 30° | 190.4 | 149.9 | 116.6 | 92.3 | 76.5 | 68.0 | 64.0 | 62.7 | 63.0 | 64.3 | 65.6 |
| 32.5° | 178.7 | 134.8 | 101.1 | 79.4 | 66.5 | 60.7 | 57.6 | 58.0 | 59.6 | 61.7 | 64.0 |
| 35° | 166.4 | 118.8 | 87.6 | 69.6 | 59.6 | 55.2 | 53.2 | 53.6 | 55.8 | 58.6 | 60.7 |
| 37.5° | 155.2 | 105.8 | 77.2 | 62.1 | 54.4 | 51.7 | 50.0 | 50.5 | 52.0 | 55.4 | 58.3 |
| 40° | 144.3 | 94.8 | 68.7 | 57.6 | 51.7 | 48.9 | 47.9 | 47.6 | 48.9 | 52.0 | 55.4 |
| 42.5° | 134.8 | 85.4 | 63.6 | 54.4 | 49.8 | 47.3 | 46.0 | 46.0 | 46.6 | 49.1 | 52.6 |
| 45° | 129.2 | 79.7 | 60.2 | 52.3 | 48.1 | 46.0 | 44.7 | 44.1 | 45.1 | 46.6 | 49.8 |
| 47.5° | 129.2 | 76.9 | 58.0 | 50.8 | 46.9 | 45.1 | 43.5 | 43.2 | 43.5 | 45.1 | 48.1 |
| 50° | 133.6 | 77.5 | 57.6 | 50.0 | 46.4 | 43.7 | 42.2 | 42.2 | 42.8 | 45.1 | 47.6 |
| 52.5° | 137.4 | 78.7 | 58.6 | 50.8 | 46.4 | 43.2 | 41.2 | 41.0 | 42.0 | 44.1 | 46.4 |
| 55° | 136.7 | 78.7 | 59.6 | 51.7 | 47.3 | 43.5 | 41.0 | 40.6 | 41.2 | 43.5 | 45.6 |
| 57.5° | 122.2 | 74.0 | 58.6 | 52.3 | 48.5 | 45.1 | 42.5 | 41.6 | 42.2 | 44.1 | 46.0 |
| 60° | 98.9 | 65.8 | 56.1 | 52.3 | 50.5 | 47.9 | 45.4 | 44.7 | 45.1 | 46.9 | 49.1 |
| 62.5° | 77.5 | 58.6 | 52.9 | 52.0 | 51.3 | 50.0 | 49.1 | 48.5 | 48.5 | 50.0 | 52.0 |
| 65° | 63.0 | 52.9 | 50.5 | 50.8 | 51.3 | 51.0 | 50.8 | 50.5 | 50.5 | 51.3 | 53.2 |
| 67.5° | 52.6 | 47.6 | 46.9 | 47.9 | 48.5 | 48.9 | 49.1 | 48.9 | 49.1 | 50.0 | 52.3 |
| 69° | 47.9 | 44.7 | 44.1 | 44.7 | 46.0 | 46.4 | 46.9 | 46.6 | 46.9 | 47.9 | 50.0 |
| 70° | 45.1 | 42.5 | 42.0 | 42.8 | 43.7 | 44.1 | 44.7 | 44.5 | 44.7 | 45.6 | 47.9 |
| 72.5° | 39.1 | 36.2 | 35.2 | 35.9 | 36.9 | 36.9 | 37.8 | 38.1 | 37.5 | 37.8 | 39.3 |
| 75° | 33.3 | 30.3 | 28.7 | 28.9 | 28.9 | 28.9 | 29.6 | 29.6 | 28.9 | 28.7 | 28.9 |
| 77.5° | 28.0 | 24.5 | 22.6 | 22.6 | 22.6 | 22.4 | 21.4 | 21.6 | 22.1 | 21.6 | 22.1 |
| 80° | 22.1 | 19.2 | 17.3 | 17.3 | 17.3 | 16.7 | 16.3 | 16.3 | 17.0 | 17.7 | 17.3 |
| 82.5° | 17.0 | 14.1 | 13.3 | 12.9 | 12.9 | 12.3 | 12.3 | 12.9 | 12.6 | 12.9 | 13.6 |
| 85° | 12.3 | 10.2 | 9.2 | 9.4 | 9.2 | 8.5 | 8.8 | 9.8 | 9.8 | 9.4 | 10.2 |
| 87.5° | 7.5 | 6.3 | 6.0 | 6.3 | 5.7 | 4.7 | 4.4 | 4.7 | 5.4 | 5.0 | 5.7 |
| 90° | 1.0 | 0.6 | 0.6 | 0.6 | 1.0 | 0.6 | 0.6 | 0.6 | 1.0 | 1.0 | 0.6 |
| 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: P271754
 CATALOG NUMBER: ISW-AF-350-LED-E1-SL4-7027

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

| | 105° | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | |
|--------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 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 | 67.5° |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 69° |
| | | | | | | | | | | | | 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: P271754
 NUMBER: ISW-AF-350-LED-E1-SL4-7027

REPORT NUMBER: P
 CATALOG NUMBER:

DISTRIBUTION (continued):

| 160° | 165° | 170° | 175° | 180° |
|-------|-------|-------|-------|-------|
| 325.2 | 325.2 | 325.2 | 325.2 | 325.2 |
| 302.4 | 303.4 | 299.2 | 301.2 | 299.9 |
| 269.3 | 267.8 | 267.4 | 266.5 | 264.6 |
| 230.7 | 229.3 | 225.6 | 226.8 | 223.9 |
| 190.6 | 190.4 | 183.3 | 183.6 | 180.2 |
| 153.7 | 148.1 | 145.3 | 141.1 | 143.3 |
| 119.0 | 114.4 | 108.3 | 106.8 | 109.1 |
| 89.8 | 85.1 | 82.3 | 79.7 | 78.7 |
| 74.4 | 71.5 | 70.0 | 69.0 | 68.5 |
| 71.9 | 71.1 | 70.9 | 70.2 | 70.0 |
| 70.2 | 70.9 | 70.9 | 70.9 | 70.2 |
| 68.7 | 70.0 | 70.2 | 70.0 | 69.3 |
| 67.1 | 68.0 | 68.0 | 67.7 | 66.7 |
| 64.9 | 65.8 | 65.8 | 65.6 | 64.9 |
| 62.4 | 63.0 | 63.3 | 63.3 | 63.6 |
| 60.5 | 61.2 | 61.7 | 62.4 | 63.3 |
| 58.3 | 59.2 | 59.6 | 60.7 | 62.1 |
| 55.4 | 56.8 | 57.3 | 58.3 | 59.6 |
| 52.6 | 54.2 | 54.4 | 55.8 | 57.0 |
| 51.3 | 52.6 | 52.6 | 53.6 | 54.4 |
| 49.8 | 50.5 | 50.0 | 50.8 | 51.0 |
| 48.1 | 48.9 | 48.5 | 49.1 | 49.5 |
| 46.9 | 47.6 | 48.1 | 48.9 | 49.1 |
| 47.6 | 48.5 | 48.9 | 49.8 | 50.0 |
| 50.5 | 51.7 | 52.9 | 54.2 | 55.2 |
| 53.2 | 54.9 | 57.6 | 63.3 | 65.6 |
| 54.9 | 57.0 | 63.6 | 73.4 | 76.3 |
| 53.9 | 56.8 | 64.6 | 75.0 | 78.4 |
| 52.0 | 54.2 | 62.7 | 73.4 | 76.5 |
| 49.5 | 51.7 | 60.2 | 71.9 | 74.6 |
| 40.1 | 41.2 | 50.8 | 61.7 | 63.6 |
| 29.4 | 30.3 | 37.5 | 42.0 | 41.6 |
| 22.6 | 24.0 | 26.5 | 26.8 | 26.5 |
| 18.0 | 18.5 | 19.9 | 19.9 | 20.1 |
| 13.8 | 14.1 | 14.8 | 14.1 | 13.8 |
| 10.4 | 10.2 | 9.8 | 9.4 | 9.2 |
| 6.0 | 6.0 | 5.0 | 4.4 | 4.1 |
| 0.6 | 1.0 | 1.0 | 0.6 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 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:

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



271754
ISW-AF-350-LED-E1-SL4-7027

TION (continued):

| 165° | 170° | 175° | 180° |
|------|------|------|------|
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)