

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: P226912

Luminaire Tested: **ISW-AF-XXX-LED-E1-SL3-7060-XXB**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P226912
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-XXX-LED-E1-SL3-7060-XXB
Description: IMPACT ELITE LED WEDGE LUMINAIRE, EMERGENCY MODE WITH BATTERY
BACKPACK BOX
LIGHT SQUARE WITH ACCUCLED OPTICS-TYPE III W/SPILL CONTROL
Light Source: (16) 5700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 629.1 lumens
Efficiency: N/A
Efficacy: 48.4 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): 13
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

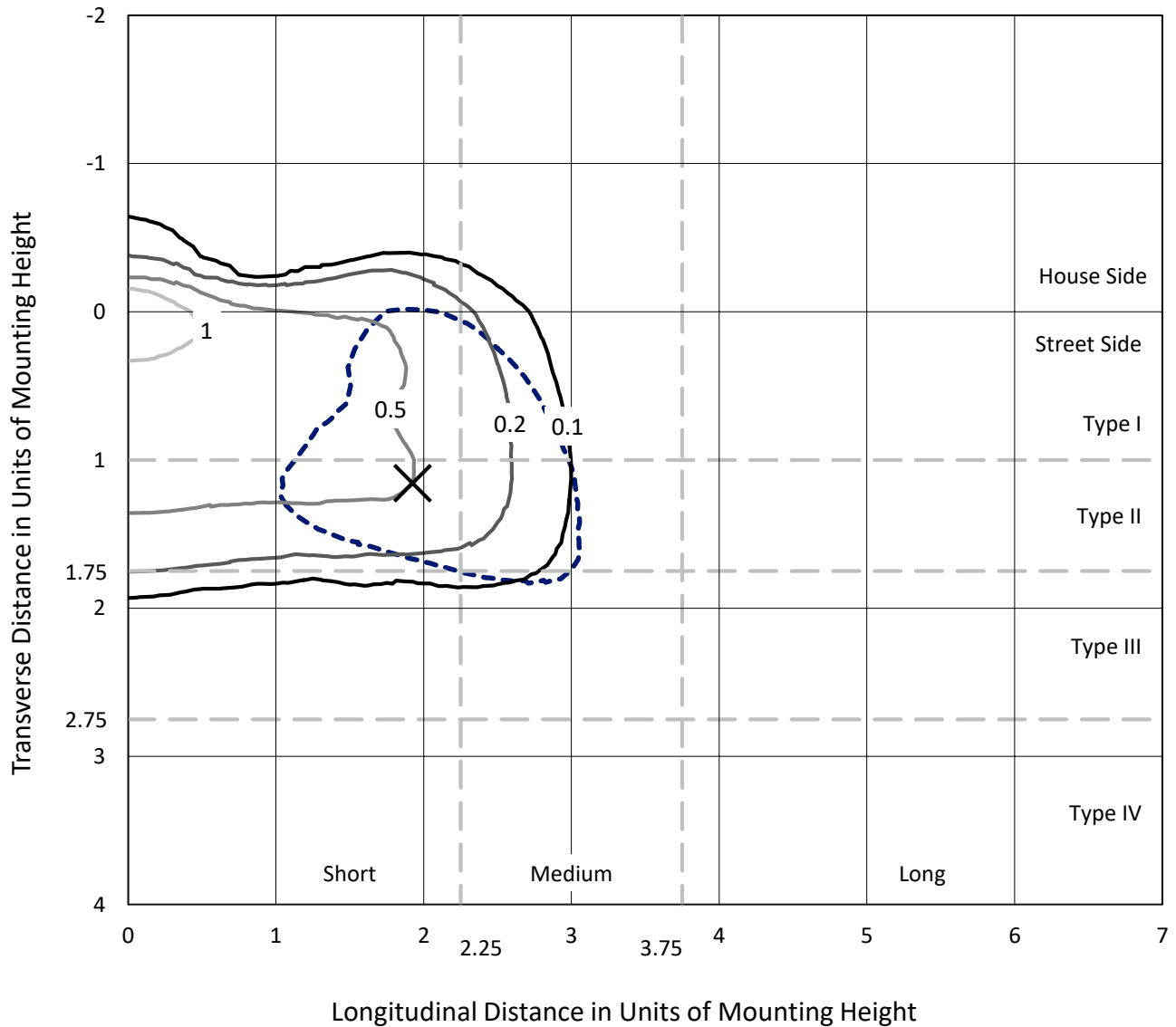


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

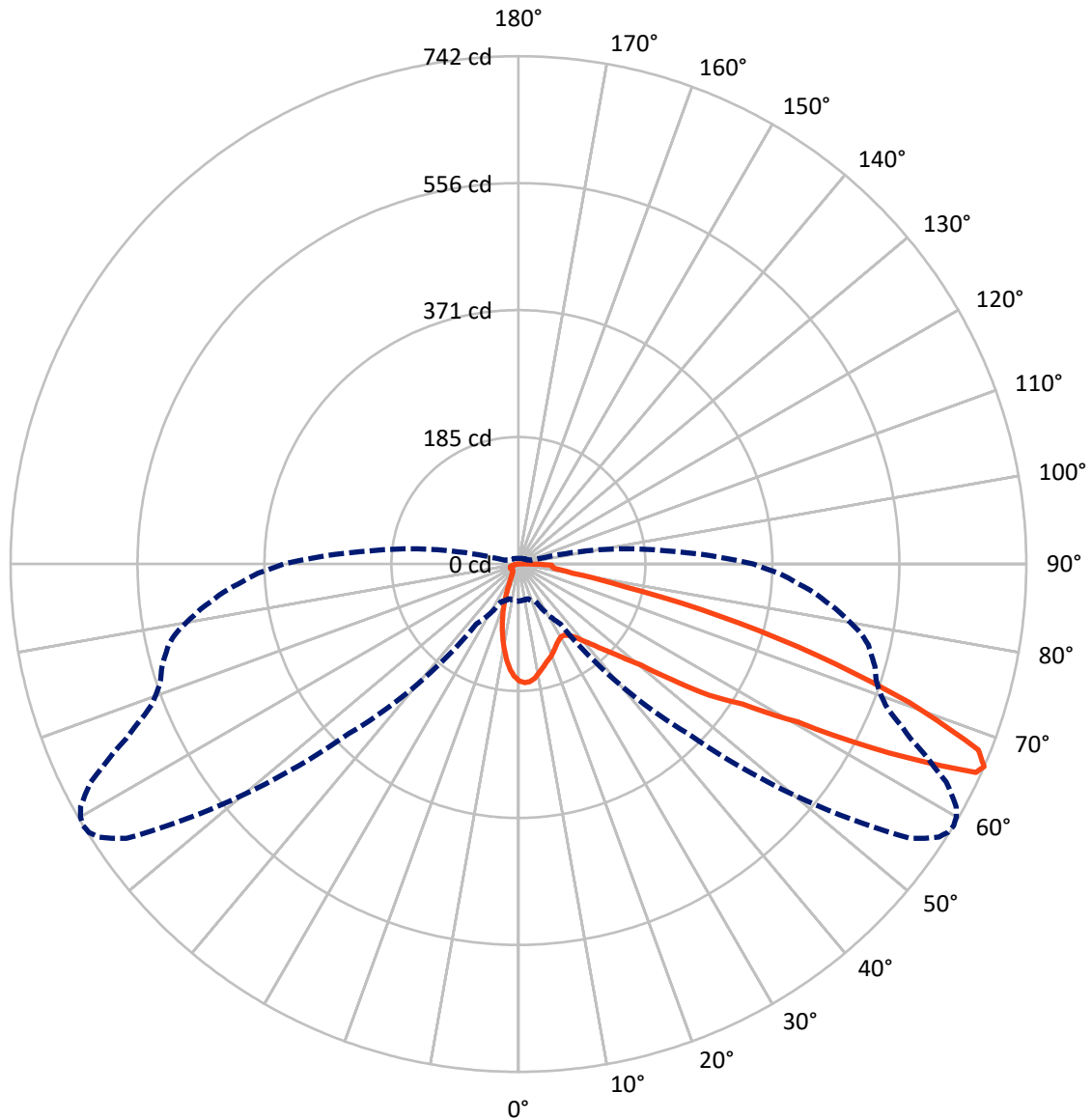


Based on 10 foot mounting height. Maximum calculated value = 1.7 fc
 Type II - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



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

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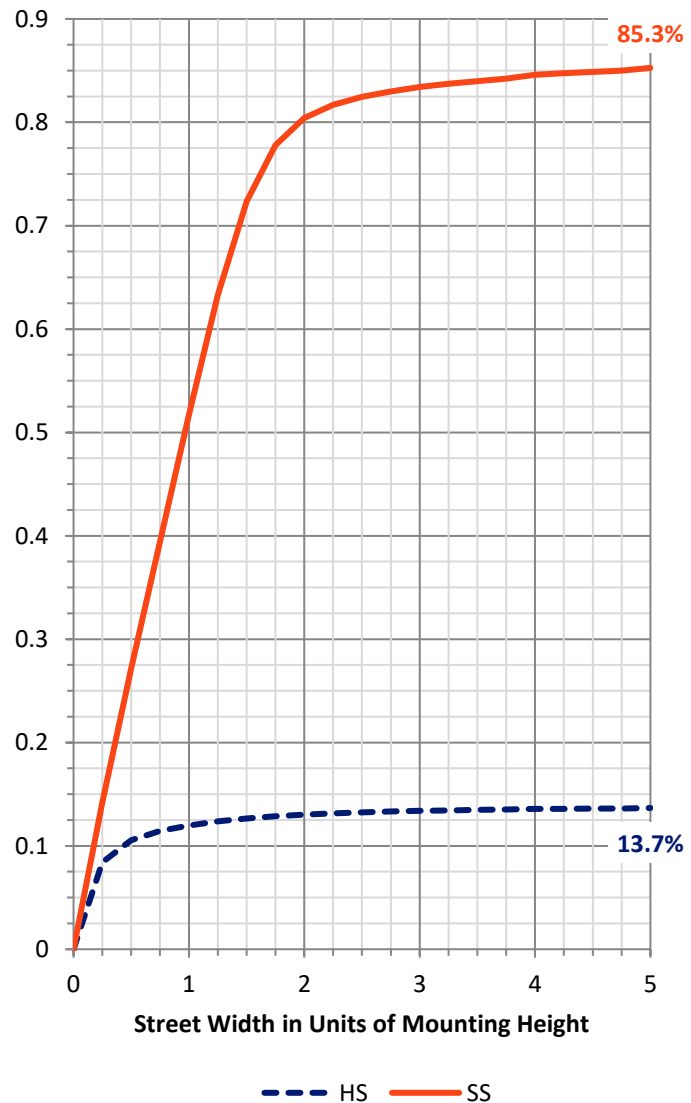
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|-------|
| House Side | Lumens | 87.3 | 0.0 | 87.3 |
| | % Fixture | 13.9 | 0.0 | 13.9 |
| Street Side | Lumens | 541.6 | 0.2 | 541.8 |
| | % Fixture | 86.1 | 0.0 | 86.1 |
| Total | Lumens | 628.9 | 0.3 | 629.1 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 14.6 | 2.3 |
| 10°-20° | 30.8 | 4.9 |
| 20°-30° | 38.6 | 6.1 |
| 30°-40° | 52.8 | 8.4 |
| 40°-50° | 85.0 | 13.5 |
| 50°-60° | 147.6 | 23.5 |
| 60°-70° | 179.4 | 28.5 |
| 70°-80° | 66.9 | 10.6 |
| 80°-90° | 13.2 | 2.1 |
| 90°-100° | 0.3 | 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° | 628.9 | 100.0 |
| 0°-180° | 629.1 | 100.0 |

Coefficient of Utilization



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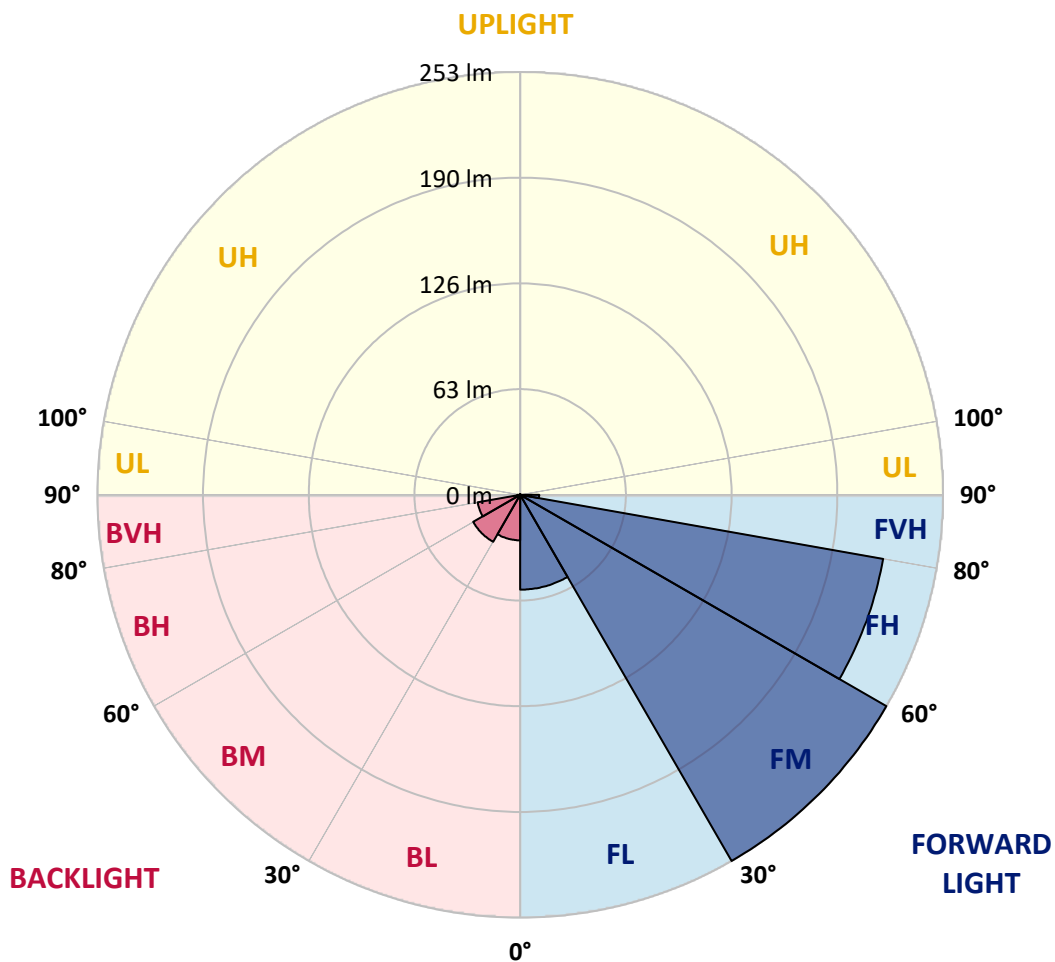
CATALOG NUMBER: ISW-AF-XXX-LED-E1-SL3-7060-XXB

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|-------|--------|
| | | | | B | U | G |
| FL | (0°-30°) | 56.7 | 9.0 | | | |
| FM | (30°-60°) | 253.0 | 40.2 | | | |
| FH | (60°-80°) | 220.5 | 35.0 | | | G0/660 |
| FVH | (80°-90°) | 11.4 | 1.8 | | | G1/100 |
| BL | (0°-30°) | 27.2 | 4.3 | B0/110 | | |
| BM | (30°-60°) | 32.5 | 5.2 | B0/220 | | |
| BH | (60°-80°) | 25.8 | 4.1 | B0/110 | | G0/110 |
| BVH | (80°-90°) | 1.8 | 0.3 | | | G0/10 |
| UL | (90°-100°) | 0.3 | 0.0 | | U1/10 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U1/10 | |

BUG Rating: B0-U1-G1

Type II Short





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CATALOG NUMBER: ISW-AF-XXX-LED-E1-SL3-7060-XXB

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 56° | 57° | 58° | 59° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 170.9 | 170.9 | 170.9 | 170.9 | 170.9 | 170.9 | 170.9 | 170.9 | 170.9 | 170.9 | 170.9 |
| 2.5° | 175.4 | 174.8 | 175.8 | 175.4 | 175.7 | 174.3 | 174.0 | 173.7 | 173.9 | 173.6 | 173.6 |
| 5° | 171.2 | 170.9 | 172.2 | 172.8 | 173.4 | 173.2 | 173.1 | 173.1 | 173.2 | 172.6 | 172.6 |
| 7.5° | 159.1 | 158.9 | 160.6 | 161.8 | 164.6 | 166.3 | 168.4 | 168.5 | 168.7 | 168.4 | 169.0 |
| 10° | 146.1 | 146.7 | 148.2 | 150.3 | 154.4 | 156.9 | 161.0 | 161.8 | 162.0 | 162.1 | 162.2 |
| 12.5° | 133.8 | 133.2 | 135.1 | 139.0 | 144.6 | 148.6 | 153.7 | 154.1 | 154.6 | 155.3 | 156.0 |
| 15° | 122.8 | 123.5 | 125.0 | 129.1 | 134.9 | 140.6 | 147.3 | 147.7 | 148.6 | 149.2 | 150.2 |
| 17.5° | 115.3 | 115.3 | 117.0 | 120.8 | 126.3 | 133.5 | 141.9 | 142.6 | 143.3 | 144.1 | 145.2 |
| 20° | 111.5 | 111.5 | 112.2 | 114.4 | 119.2 | 126.2 | 136.3 | 137.1 | 138.4 | 139.3 | 140.7 |
| 22.5° | 111.2 | 111.1 | 111.0 | 111.5 | 114.4 | 119.8 | 130.3 | 131.4 | 132.5 | 133.9 | 135.1 |
| 25° | 114.3 | 114.6 | 113.4 | 112.7 | 112.9 | 115.5 | 124.6 | 125.2 | 127.4 | 128.3 | 129.8 |
| 27.5° | 118.7 | 119.2 | 118.3 | 117.1 | 115.4 | 113.7 | 119.8 | 120.8 | 122.2 | 123.7 | 125.6 |
| 30° | 125.1 | 125.0 | 124.9 | 124.1 | 120.8 | 115.6 | 118.3 | 119.0 | 120.3 | 121.4 | 123.1 |
| 32.5° | 131.9 | 132.7 | 133.3 | 132.9 | 129.4 | 120.8 | 120.4 | 121.0 | 122.1 | 122.8 | 123.8 |
| 35° | 140.8 | 141.2 | 143.4 | 143.4 | 140.0 | 129.9 | 126.1 | 126.5 | 127.1 | 127.4 | 128.2 |
| 37.5° | 150.6 | 151.9 | 155.2 | 157.1 | 151.7 | 141.3 | 135.0 | 135.0 | 135.3 | 135.5 | 136.0 |
| 40° | 161.8 | 163.8 | 168.3 | 172.0 | 168.5 | 155.5 | 146.8 | 147.7 | 147.4 | 147.0 | 148.1 |
| 42.5° | 175.0 | 177.1 | 182.6 | 186.1 | 184.0 | 172.6 | 162.6 | 162.0 | 162.9 | 161.8 | 162.1 |
| 45° | 190.2 | 191.8 | 197.4 | 201.1 | 202.7 | 193.5 | 183.4 | 182.2 | 182.2 | 179.7 | 180.8 |
| 47.5° | 203.9 | 204.4 | 209.8 | 216.2 | 221.6 | 221.7 | 207.5 | 206.7 | 204.9 | 203.2 | 202.8 |
| 50° | 216.6 | 218.1 | 221.6 | 228.6 | 239.7 | 249.3 | 240.6 | 238.2 | 236.2 | 230.1 | 232.0 |
| 52.5° | 238.7 | 241.5 | 243.7 | 248.0 | 261.1 | 280.7 | 291.4 | 287.6 | 287.1 | 281.6 | 280.4 |
| 55° | 242.9 | 243.2 | 250.5 | 275.0 | 305.9 | 319.9 | 340.5 | 340.4 | 341.9 | 340.2 | 338.5 |
| 57.5° | 223.4 | 221.1 | 233.3 | 265.6 | 327.6 | 400.0 | 393.7 | 394.4 | 392.4 | 387.1 | 385.4 |
| 60° | 174.0 | 175.9 | 189.1 | 230.3 | 311.9 | 451.7 | 493.1 | 480.8 | 489.6 | 475.8 | 468.4 |
| 62.5° | 97.9 | 95.7 | 104.7 | 148.0 | 255.9 | 454.4 | 628.4 | 629.7 | 634.0 | 626.3 | 608.1 |
| 65° | 63.2 | 62.2 | 61.3 | 74.8 | 153.4 | 397.5 | 703.2 | 719.8 | 729.8 | 733.8 | 734.1 |
| 66° | 54.3 | 53.5 | 52.5 | 61.2 | 106.9 | 350.2 | 698.4 | 716.2 | 732.0 | 739.5 | 741.7 |
| 67.5° | 46.2 | 45.0 | 44.9 | 50.7 | 74.4 | 271.7 | 652.4 | 680.3 | 694.3 | 713.7 | 724.4 |
| 70° | 35.3 | 34.7 | 36.5 | 43.8 | 57.1 | 127.9 | 519.9 | 556.2 | 580.4 | 595.6 | 605.4 |
| 72.5° | 29.6 | 29.4 | 31.8 | 40.0 | 54.1 | 72.5 | 363.9 | 403.0 | 428.2 | 442.7 | 456.2 |
| 75° | 23.1 | 23.3 | 26.5 | 38.2 | 53.8 | 63.2 | 211.4 | 248.7 | 263.3 | 286.3 | 303.8 |
| 77.5° | 17.4 | 17.2 | 19.7 | 30.9 | 52.5 | 64.0 | 109.9 | 125.3 | 141.4 | 153.1 | 157.3 |
| 80° | 12.2 | 12.3 | 14.1 | 21.2 | 40.9 | 65.9 | 68.5 | 72.1 | 75.4 | 79.2 | 80.0 |
| 82.5° | 8.1 | 8.2 | 10.4 | 14.6 | 28.4 | 62.9 | 63.9 | 62.3 | 59.7 | 56.4 | 52.9 |
| 85° | 4.9 | 5.1 | 7.4 | 9.8 | 22.0 | 56.9 | 66.2 | 61.8 | 57.9 | 53.5 | 49.2 |
| 87.5° | 2.5 | 2.8 | 4.4 | 5.8 | 13.0 | 28.1 | 68.9 | 65.7 | 60.3 | 53.6 | 48.8 |
| 90° | 0.7 | 0.7 | 1.0 | 1.4 | 2.6 | 5.7 | 17.4 | 15.6 | 7.8 | 14.9 | 7.3 |
| 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-XXX-LED-E1-SL3-7060-XXB

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-XXX-LED-E1-SL3-7060-XXB

CANDELA DISTRIBUTION (continued):

| | 60° | 61° | 62° | 63° | 64° | 65° | 66° | 67° | 68° | 69° | 70° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 170.9 | 170.9 | 170.9 | 170.9 | 170.9 | 170.9 | 170.9 | 170.9 | 170.9 | 170.9 | 170.9 |
| 2.5° | 173.5 | 173.7 | 173.5 | 173.2 | 173.5 | 173.2 | 173.1 | 173.0 | 173.1 | 172.9 | 172.8 |
| 5° | 172.6 | 172.8 | 172.8 | 172.3 | 172.2 | 172.6 | 172.0 | 172.2 | 172.0 | 171.8 | 171.4 |
| 7.5° | 168.5 | 168.6 | 168.7 | 168.3 | 168.6 | 168.6 | 168.4 | 168.4 | 168.2 | 168.3 | 167.9 |
| 10° | 162.7 | 163.1 | 163.5 | 163.3 | 163.2 | 164.1 | 163.7 | 164.0 | 164.0 | 163.7 | 163.8 |
| 12.5° | 156.4 | 157.1 | 157.6 | 157.6 | 158.0 | 159.0 | 158.9 | 159.1 | 159.8 | 159.8 | 159.5 |
| 15° | 150.7 | 151.3 | 152.1 | 152.7 | 153.5 | 154.1 | 154.6 | 155.4 | 155.8 | 155.8 | 156.3 |
| 17.5° | 146.1 | 147.1 | 148.0 | 148.2 | 149.3 | 150.5 | 150.8 | 151.7 | 152.3 | 152.6 | 153.2 |
| 20° | 141.7 | 142.7 | 143.8 | 144.8 | 145.7 | 147.1 | 147.8 | 148.3 | 149.3 | 149.9 | 150.8 |
| 22.5° | 136.5 | 138.1 | 139.5 | 140.6 | 142.3 | 143.4 | 144.8 | 145.7 | 146.9 | 147.8 | 148.4 |
| 25° | 131.6 | 133.8 | 135.6 | 136.8 | 139.0 | 140.6 | 142.3 | 143.7 | 145.2 | 146.4 | 147.4 |
| 27.5° | 127.0 | 129.5 | 131.8 | 133.6 | 136.0 | 138.6 | 140.2 | 142.7 | 144.6 | 146.3 | 147.5 |
| 30° | 124.8 | 126.9 | 129.2 | 131.4 | 133.8 | 137.1 | 139.8 | 142.8 | 145.3 | 147.5 | 149.2 |
| 32.5° | 125.3 | 127.2 | 129.2 | 131.1 | 133.6 | 137.3 | 140.0 | 143.6 | 147.2 | 150.1 | 152.3 |
| 35° | 129.1 | 130.9 | 132.2 | 133.9 | 136.1 | 138.9 | 141.9 | 145.6 | 150.1 | 153.9 | 156.8 |
| 37.5° | 137.3 | 137.7 | 139.1 | 140.3 | 141.5 | 144.1 | 146.9 | 150.1 | 155.2 | 159.2 | 163.3 |
| 40° | 147.3 | 148.5 | 149.8 | 150.4 | 151.7 | 153.4 | 154.6 | 158.0 | 162.5 | 167.8 | 172.3 |
| 42.5° | 162.2 | 162.7 | 162.9 | 163.1 | 163.6 | 164.7 | 166.6 | 169.7 | 174.1 | 178.8 | 183.7 |
| 45° | 179.0 | 179.6 | 180.2 | 180.5 | 179.8 | 180.5 | 182.4 | 183.8 | 188.2 | 192.6 | 198.9 |
| 47.5° | 202.3 | 200.5 | 199.7 | 200.8 | 200.2 | 201.7 | 202.6 | 203.4 | 208.6 | 213.9 | 219.2 |
| 50° | 232.1 | 231.0 | 229.7 | 229.7 | 230.8 | 229.8 | 230.4 | 233.6 | 235.3 | 239.8 | 246.8 |
| 52.5° | 279.7 | 276.4 | 271.3 | 269.1 | 270.4 | 269.6 | 269.9 | 270.5 | 269.4 | 273.5 | 279.5 |
| 55° | 338.5 | 334.3 | 330.9 | 329.0 | 321.9 | 321.3 | 316.6 | 314.8 | 311.1 | 315.0 | 313.7 |
| 57.5° | 380.5 | 377.8 | 376.1 | 370.3 | 367.0 | 360.4 | 358.5 | 356.2 | 351.0 | 353.6 | 355.9 |
| 60° | 461.5 | 451.9 | 448.6 | 438.5 | 435.1 | 428.8 | 420.8 | 416.9 | 414.2 | 416.7 | 415.1 |
| 62.5° | 596.8 | 583.3 | 580.7 | 556.7 | 550.8 | 536.4 | 521.3 | 519.3 | 510.8 | 505.5 | 504.3 |
| 65° | 728.8 | 709.6 | 695.2 | 669.0 | 651.2 | 630.6 | 607.7 | 590.9 | 573.6 | 564.9 | 553.4 |
| 66° | 738.6 | 731.0 | 716.5 | 701.2 | 675.4 | 652.8 | 626.7 | 608.6 | 589.2 | 574.0 | 564.2 |
| 67.5° | 721.9 | 717.8 | 712.7 | 702.3 | 686.1 | 665.0 | 640.3 | 617.2 | 593.9 | 575.9 | 560.2 |
| 70° | 610.2 | 614.6 | 620.4 | 617.7 | 608.4 | 600.2 | 578.4 | 565.5 | 547.9 | 524.4 | 514.8 |
| 72.5° | 460.6 | 472.4 | 468.4 | 453.1 | 446.0 | 440.3 | 432.4 | 423.7 | 398.5 | 395.6 | 384.3 |
| 75° | 296.3 | 292.3 | 295.0 | 276.4 | 263.8 | 258.6 | 239.8 | 232.1 | 213.2 | 200.9 | 191.6 |
| 77.5° | 156.2 | 148.4 | 142.5 | 126.2 | 114.5 | 107.6 | 98.5 | 87.7 | 71.1 | 70.1 | 55.0 |
| 80° | 72.4 | 66.6 | 61.2 | 55.5 | 49.8 | 42.2 | 36.7 | 29.9 | 26.4 | 22.7 | 21.1 |
| 82.5° | 49.2 | 45.4 | 42.1 | 38.4 | 34.0 | 28.8 | 24.9 | 21.1 | 18.0 | 16.2 | 14.8 |
| 85° | 44.6 | 40.5 | 36.8 | 32.1 | 27.6 | 23.2 | 19.0 | 15.7 | 12.8 | 11.2 | 10.2 |
| 87.5° | 43.3 | 38.3 | 34.4 | 29.3 | 24.9 | 20.4 | 16.4 | 12.7 | 9.9 | 8.1 | 6.9 |
| 90° | 5.5 | 5.9 | 4.2 | 4.1 | 1.7 | 2.2 | 1.6 | 1.0 | 1.1 | 0.8 | 0.9 |
| 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: P226912

CATALOG NUMBER: ISW-AF-XXX-LED-E1-SL3-7060-XXB

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: P226912

CATALOG NUMBER: ISW-AF-XXX-LED-E1-SL3-7060-XXB

CANDELA DISTRIBUTION (continued):

| | 71° | 72° | 73° | 74° | 75° | 76° | 77° | 78° | 79° | 80° | 81° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 170.9 | 170.9 | 170.9 | 170.9 | 170.9 | 170.9 | 170.9 | 170.9 | 170.9 | 170.9 | 170.9 |
| 2.5° | 172.6 | 172.4 | 172.6 | 172.6 | 172.2 | 172.3 | 172.4 | 172.0 | 171.8 | 171.8 | 171.7 |
| 5° | 171.1 | 170.9 | 171.1 | 171.0 | 170.4 | 170.3 | 170.3 | 170.0 | 169.7 | 169.4 | 169.2 |
| 7.5° | 167.4 | 167.6 | 167.5 | 167.2 | 167.0 | 167.0 | 166.7 | 166.0 | 165.6 | 165.2 | 164.8 |
| 10° | 163.3 | 163.3 | 163.4 | 163.3 | 162.8 | 162.6 | 162.2 | 161.8 | 161.9 | 161.0 | 160.2 |
| 12.5° | 159.6 | 159.6 | 159.5 | 159.3 | 159.1 | 159.0 | 159.0 | 157.8 | 157.5 | 157.2 | 156.3 |
| 15° | 156.2 | 156.3 | 156.3 | 156.3 | 155.9 | 155.9 | 155.4 | 154.6 | 154.6 | 153.7 | 152.9 |
| 17.5° | 153.5 | 153.7 | 153.6 | 153.7 | 153.8 | 153.3 | 152.4 | 151.9 | 151.3 | 150.9 | 149.7 |
| 20° | 151.1 | 151.3 | 151.4 | 151.4 | 151.1 | 150.8 | 150.0 | 149.2 | 148.8 | 147.9 | 146.4 |
| 22.5° | 149.0 | 149.4 | 149.5 | 149.5 | 149.1 | 148.8 | 148.1 | 146.9 | 146.1 | 145.0 | 143.6 |
| 25° | 148.2 | 148.6 | 148.3 | 148.5 | 148.2 | 147.5 | 146.4 | 145.5 | 144.3 | 142.8 | 141.4 |
| 27.5° | 148.4 | 149.1 | 148.9 | 148.8 | 148.3 | 147.9 | 146.5 | 145.4 | 144.0 | 142.3 | 140.4 |
| 30° | 150.2 | 151.3 | 150.9 | 150.5 | 150.4 | 149.2 | 148.0 | 146.3 | 144.8 | 142.7 | 140.6 |
| 32.5° | 153.5 | 154.0 | 154.1 | 153.8 | 153.4 | 152.4 | 150.7 | 148.5 | 146.8 | 144.4 | 141.9 |
| 35° | 158.9 | 159.4 | 159.2 | 159.2 | 158.8 | 157.2 | 155.1 | 153.0 | 150.6 | 147.9 | 145.3 |
| 37.5° | 166.4 | 167.4 | 167.2 | 166.9 | 166.3 | 164.5 | 162.8 | 160.2 | 157.5 | 153.9 | 150.9 |
| 40° | 175.8 | 177.5 | 178.9 | 178.6 | 177.3 | 175.6 | 174.1 | 171.1 | 168.4 | 164.5 | 161.2 |
| 42.5° | 188.6 | 190.8 | 192.6 | 194.0 | 193.4 | 191.3 | 188.6 | 187.3 | 183.5 | 179.4 | 176.0 |
| 45° | 204.9 | 209.5 | 211.1 | 212.8 | 212.8 | 211.4 | 210.8 | 208.3 | 204.3 | 198.9 | 195.7 |
| 47.5° | 226.4 | 232.5 | 234.4 | 237.2 | 238.8 | 237.4 | 236.3 | 232.1 | 229.4 | 221.9 | 221.2 |
| 50° | 252.5 | 258.7 | 263.7 | 267.0 | 266.5 | 267.8 | 265.2 | 262.8 | 259.1 | 253.0 | 250.9 |
| 52.5° | 285.9 | 290.8 | 295.3 | 297.3 | 299.3 | 299.0 | 298.4 | 296.8 | 292.1 | 288.8 | 283.4 |
| 55° | 320.1 | 324.2 | 329.7 | 332.9 | 335.5 | 335.0 | 332.8 | 328.8 | 329.7 | 322.8 | 319.8 |
| 57.5° | 359.1 | 363.5 | 369.5 | 372.5 | 373.7 | 379.5 | 378.1 | 377.6 | 376.0 | 373.6 | 370.5 |
| 60° | 426.1 | 427.4 | 432.3 | 439.8 | 449.1 | 447.3 | 449.6 | 451.1 | 452.3 | 446.9 | 446.5 |
| 62.5° | 506.0 | 507.5 | 511.8 | 513.3 | 514.7 | 514.9 | 511.8 | 511.8 | 506.5 | 499.5 | 494.1 |
| 65° | 549.6 | 546.4 | 543.5 | 541.9 | 538.3 | 535.1 | 530.5 | 524.2 | 515.2 | 504.5 | 494.9 |
| 66° | 555.9 | 549.4 | 545.6 | 541.5 | 535.8 | 529.9 | 524.4 | 515.8 | 505.3 | 492.6 | 479.9 |
| 67.5° | 549.8 | 540.9 | 532.1 | 526.1 | 518.1 | 507.5 | 497.9 | 487.9 | 477.9 | 460.5 | 448.6 |
| 70° | 494.3 | 483.7 | 474.1 | 460.8 | 448.2 | 437.8 | 421.2 | 403.8 | 389.4 | 371.1 | 359.4 |
| 72.5° | 367.1 | 354.6 | 342.0 | 323.3 | 305.1 | 302.4 | 281.5 | 261.0 | 250.0 | 235.2 | 223.4 |
| 75° | 181.3 | 165.5 | 143.0 | 133.0 | 118.4 | 111.3 | 107.4 | 92.5 | 88.9 | 74.4 | 74.2 |
| 77.5° | 51.2 | 44.0 | 39.1 | 34.0 | 31.9 | 30.4 | 25.1 | 24.0 | 21.8 | 21.4 | 20.2 |
| 80° | 19.4 | 18.3 | 17.8 | 17.4 | 16.9 | 16.6 | 16.4 | 15.6 | 15.2 | 14.7 | 14.4 |
| 82.5° | 14.0 | 13.6 | 12.7 | 12.4 | 12.1 | 11.5 | 11.4 | 10.9 | 10.6 | 10.0 | 9.8 |
| 85° | 9.5 | 9.0 | 8.5 | 8.0 | 7.8 | 7.7 | 7.4 | 7.2 | 7.0 | 6.8 | 6.7 |
| 87.5° | 6.4 | 5.9 | 5.3 | 5.1 | 5.0 | 5.1 | 5.2 | 5.0 | 4.9 | 4.7 | 4.6 |
| 90° | 0.8 | 1.1 | 1.0 | 1.0 | 1.2 | 1.0 | 1.0 | 1.1 | 1.0 | 1.0 | 0.9 |
| 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: P226912
 CATALOG NUMBER: ISW-AF-XXX-LED-E1-SL3-7060-XXB

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° |



'226912
 ISW-AF-XXX-LED-E1-SL3-7060-XXB

REPORT NUMBER: P226912
 CATALOG NUMBER: ISW-AF-X

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° | 170.9 | 170.9 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.5° | 165.3 | 163.8 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5° | 156.5 | 153.1 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.5° | 144.7 | 137.9 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 10° | 131.1 | 121.3 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 12.5° | 117.0 | 104.6 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15° | 103.9 | 87.4 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.5° | 90.1 | 69.7 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20° | 76.9 | 52.7 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.5° | 61.9 | 36.9 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25° | 45.4 | 26.8 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.5° | 32.4 | 21.4 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 30° | 24.2 | 18.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 32.5° | 19.4 | 15.6 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 35° | 16.5 | 14.2 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 37.5° | 14.8 | 13.2 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 40° | 13.8 | 12.7 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 42.5° | 13.2 | 12.2 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 45° | 12.9 | 12.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 47.5° | 12.7 | 11.6 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 50° | 12.5 | 11.6 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 52.5° | 12.6 | 11.8 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 55° | 13.1 | 11.8 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 57.5° | 13.9 | 11.8 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 60° | 14.5 | 12.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 62.5° | 14.7 | 12.3 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 65° | 14.5 | 12.5 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 66° | 14.3 | 12.5 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 67.5° | 14.0 | 12.3 |
| | | | | | | | | | | 70° | 13.3 | 11.6 |
| | | | | | | | | | | 72.5° | 12.0 | 10.4 |
| | | | | | | | | | | 75° | 10.2 | 8.4 |
| | | | | | | | | | | 77.5° | 8.3 | 6.8 |
| | | | | | | | | | | 80° | 6.2 | 5.1 |
| | | | | | | | | | | 82.5° | 4.5 | 4.0 |
| | | | | | | | | | | 85° | 3.2 | 2.8 |
| | | | | | | | | | | 87.5° | 1.9 | 1.7 |
| | | | | | | | | | | 90° | 0.5 | 0.5 |
| | | | | | | | | | | 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 |

