

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: P228678

Luminaire Tested: **ISC-AF-1200-LED-E1-SLR-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P228678
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29764)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: ISC-AF-1200-LED-E1-SLR-7030
Description: IMPACT ELITE LED CYLINDER LUMINAIRE
LIGHT SQUARE WITH ACCULED OPTICS-90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (16) 3000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4858 lumens
Efficiency: N/A
Efficacy: 73.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G2

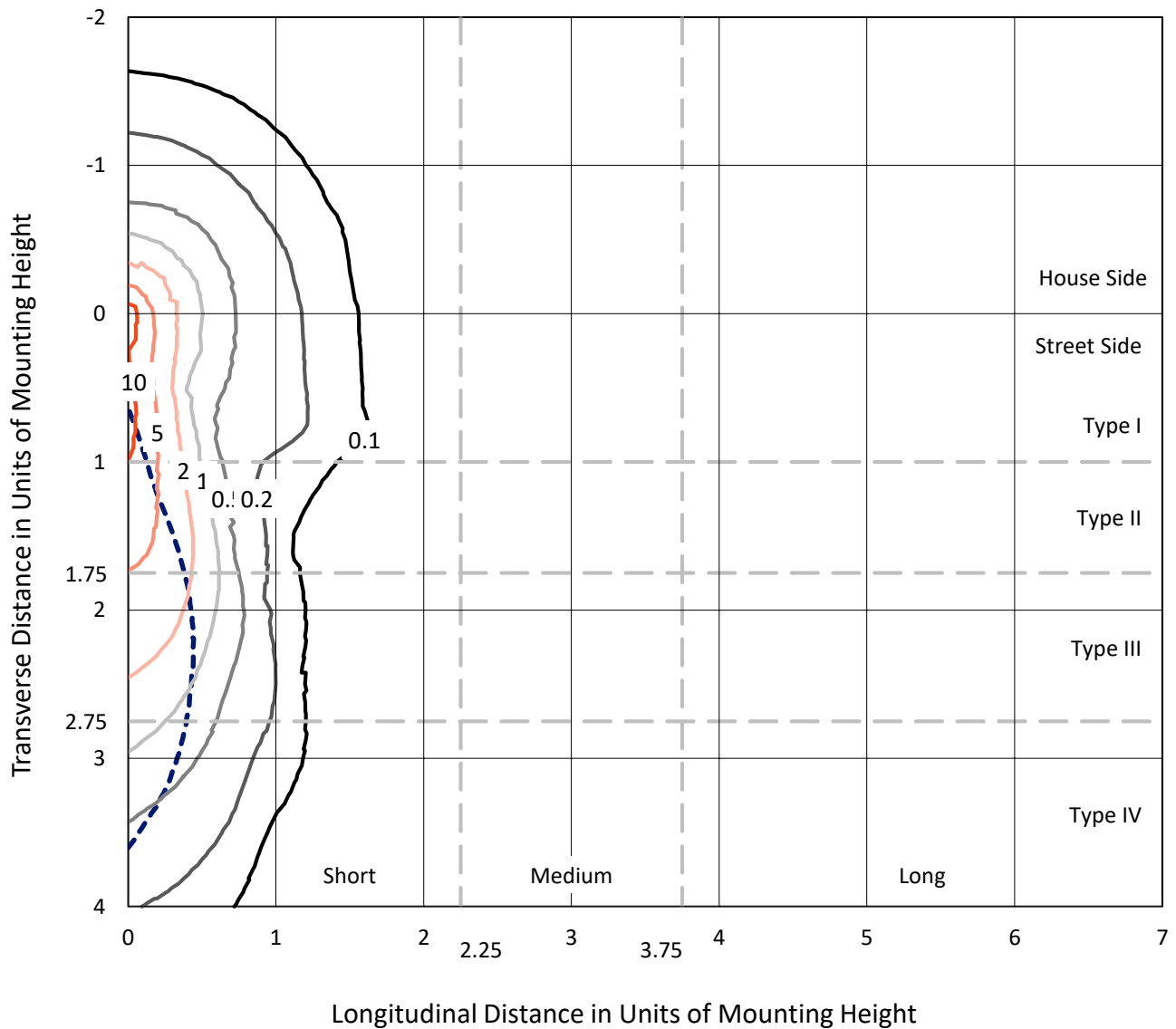
Input Watts (W): 66
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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 CATALOG NUMBER: ISC-AF-1200-LED-E1-SLR-7030

Iso-Footcandle Lines of Horizontal Illumination

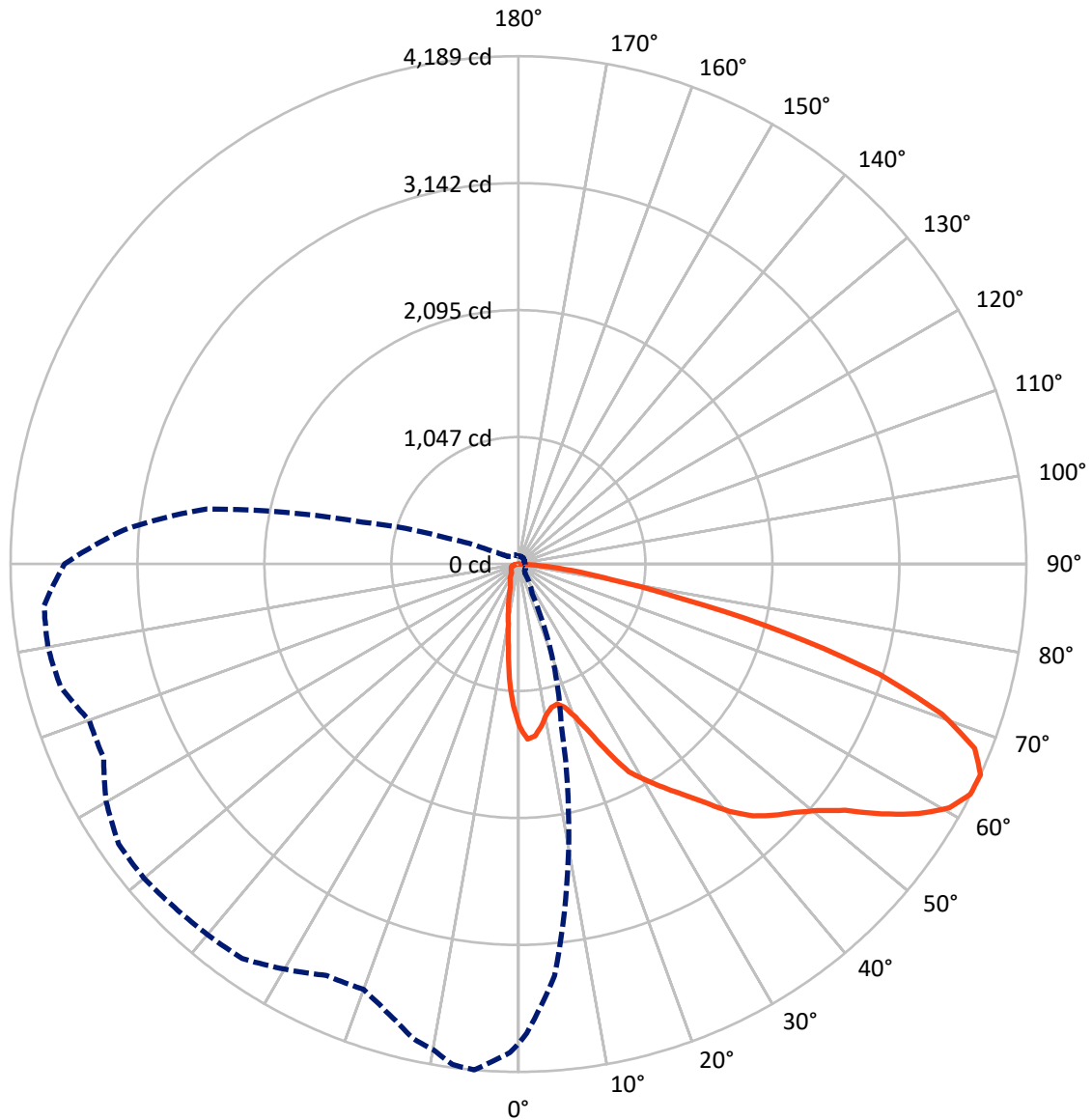
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 13.4 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 355-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 807.8 | 0.0 | 807.8 |
| | % Fixture | 16.6 | 0.0 | 16.6 |
| Street Side | Lumens | 4050.2 | 0.0 | 4050.2 |
| | % Fixture | 83.4 | 0.0 | 83.4 |
| Total | Lumens | 4858.0 | 0.0 | 4858.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 103.2 | 2.1 |
| 10°-20° | 212.7 | 4.4 |
| 20°-30° | 309.2 | 6.4 |
| 30°-40° | 457.3 | 9.4 |
| 40°-50° | 666.4 | 13.7 |
| 50°-60° | 998.9 | 20.6 |
| 60°-70° | 1244.8 | 25.6 |
| 70°-80° | 729.2 | 15.0 |
| 80°-90° | 136.3 | 2.8 |
| 90°-100° | 0.0 | 0.0 |
| 100°-110° | 0.0 | 0.0 |
| 110°-120° | 0.0 | 0.0 |
| 120°-130° | 0.0 | 0.0 |
| 130°-140° | 0.0 | 0.0 |
| 140°-150° | 0.0 | 0.0 |
| 150°-160° | 0.0 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 4858.0 | 100.0 |
| 0°-180° | 4858.0 | 100.0 |



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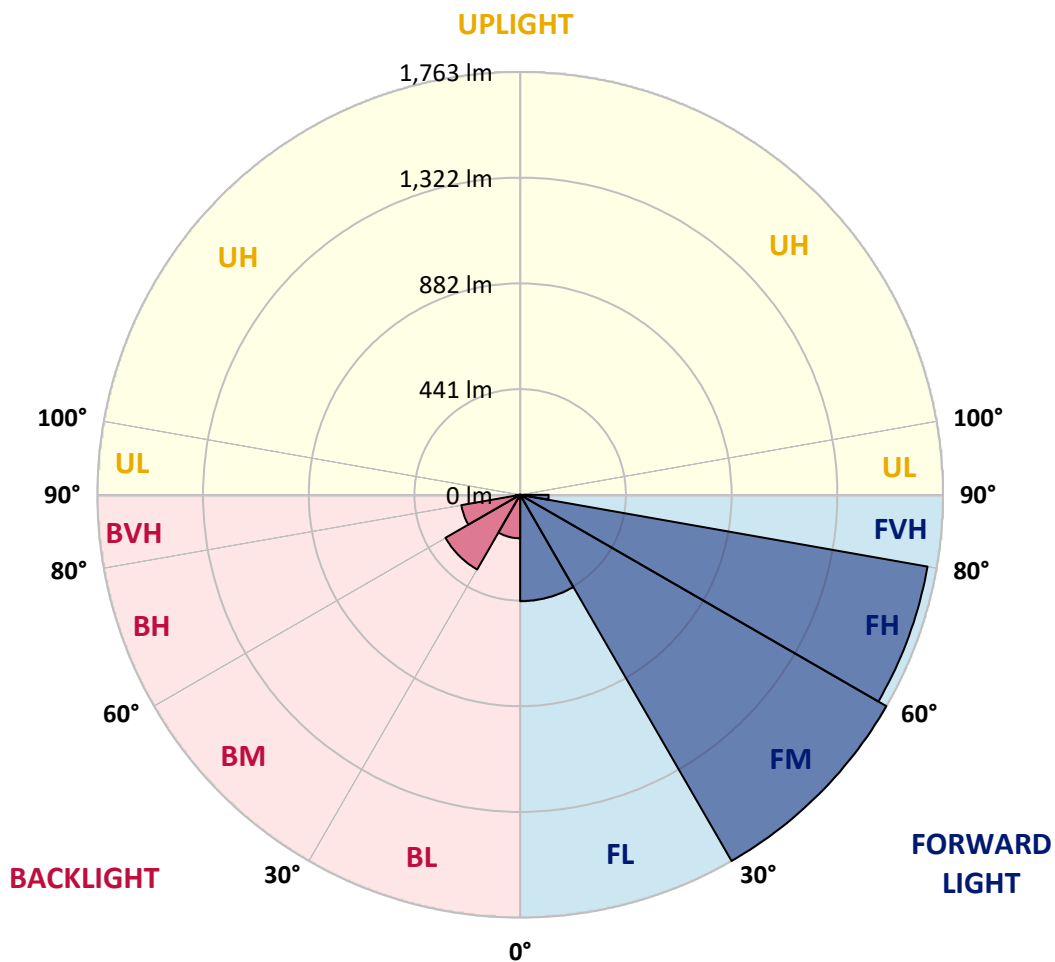
CATALOG NUMBER: ISC-AF-1200-LED-E1-SLR-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 443.8 | 9.1 | | | |
| FM | (30°-60°) | 1763.1 | 36.3 | | | |
| FH | (60°-80°) | 1724.6 | 35.5 | | | G1/1800 |
| FVH | (80°-90°) | 118.8 | 2.4 | | | G2/225 |
| BL | (0°-30°) | 181.4 | 3.7 | B1/500 | | |
| BM | (30°-60°) | 359.5 | 7.4 | B1/1000 | | |
| BH | (60°-80°) | 249.3 | 5.1 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 17.6 | 0.4 | | | G1/100 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B1-U0-G2

Type IV Short





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CATALOG NUMBER: ISC-AF-1200-LED-E1-SLR-7030

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 37.5° | 40° | 42.5° | 45° | 47.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 |
| 2.5° | 1427.1 | 1415.6 | 1392.5 | 1346.3 | 1298.2 | 1252.1 | 1244.4 | 1227.1 | 1229.0 | 1219.4 | 1215.5 |
| 5° | 1380.9 | 1365.6 | 1317.5 | 1221.3 | 1138.6 | 1054.0 | 1048.2 | 1013.6 | 1017.4 | 996.3 | 984.7 |
| 7.5° | 1279.0 | 1257.9 | 1204.0 | 1071.3 | 955.9 | 844.3 | 832.8 | 792.4 | 786.6 | 765.5 | 748.2 |
| 10° | 1179.0 | 1157.8 | 1090.5 | 938.6 | 805.9 | 723.2 | 709.7 | 690.5 | 675.1 | 665.5 | 648.2 |
| 12.5° | 1115.5 | 1104.0 | 1023.2 | 848.2 | 744.3 | 677.0 | 659.7 | 640.5 | 625.1 | 607.8 | 590.5 |
| 15° | 1102.1 | 1079.0 | 996.3 | 819.3 | 698.2 | 615.5 | 594.3 | 573.1 | 555.8 | 538.5 | 513.5 |
| 17.5° | 1138.6 | 1115.5 | 1023.2 | 805.9 | 646.2 | 546.2 | 519.3 | 490.4 | 473.1 | 452.0 | 425.1 |
| 20° | 1225.2 | 1188.6 | 1075.1 | 786.6 | 590.5 | 465.4 | 432.7 | 398.1 | 378.9 | 342.4 | 323.1 |
| 22.5° | 1363.6 | 1317.5 | 1163.6 | 786.6 | 538.5 | 380.8 | 344.3 | 313.5 | 292.3 | 259.6 | 238.5 |
| 25° | 1561.7 | 1521.3 | 1307.9 | 807.8 | 492.4 | 309.7 | 273.1 | 242.3 | 221.2 | 198.1 | 184.6 |
| 27.5° | 1746.4 | 1682.9 | 1461.7 | 838.6 | 455.8 | 259.6 | 223.1 | 198.1 | 182.7 | 171.2 | 163.5 |
| 30° | 1884.9 | 1832.9 | 1596.4 | 859.7 | 402.0 | 217.3 | 194.3 | 178.9 | 171.2 | 165.4 | 161.6 |
| 32.5° | 2011.8 | 1952.2 | 1692.5 | 873.2 | 369.3 | 184.6 | 163.5 | 151.9 | 144.2 | 136.6 | 134.6 |
| 35° | 2146.4 | 2088.7 | 1806.0 | 871.3 | 348.1 | 169.3 | 148.1 | 134.6 | 126.9 | 125.0 | 121.2 |
| 37.5° | 2333.0 | 2254.1 | 1936.8 | 871.3 | 340.4 | 163.5 | 138.5 | 125.0 | 119.2 | 115.4 | 113.5 |
| 40° | 2513.8 | 2425.3 | 2081.0 | 877.0 | 332.7 | 159.6 | 138.5 | 125.0 | 115.4 | 111.6 | 107.7 |
| 42.5° | 2683.0 | 2584.9 | 2211.8 | 886.7 | 328.9 | 148.1 | 130.8 | 123.1 | 119.2 | 111.6 | 105.8 |
| 45° | 2811.9 | 2735.0 | 2313.8 | 905.9 | 328.9 | 140.4 | 123.1 | 117.3 | 115.4 | 115.4 | 113.5 |
| 47.5° | 2936.9 | 2850.4 | 2431.1 | 942.4 | 334.7 | 134.6 | 117.3 | 109.6 | 109.6 | 109.6 | 111.6 |
| 50° | 3098.5 | 2996.5 | 2592.6 | 1017.4 | 334.7 | 132.7 | 111.6 | 103.9 | 101.9 | 105.8 | 105.8 |
| 52.5° | 3317.7 | 3244.6 | 2829.2 | 1125.1 | 330.8 | 130.8 | 109.6 | 98.1 | 96.2 | 98.1 | 101.9 |
| 55° | 3627.4 | 3544.7 | 3115.8 | 1257.9 | 327.0 | 126.9 | 105.8 | 96.2 | 92.3 | 90.4 | 92.3 |
| 57.5° | 3894.7 | 3823.6 | 3379.3 | 1363.6 | 317.3 | 117.3 | 101.9 | 94.2 | 88.5 | 86.5 | 84.6 |
| 60° | 4012.0 | 3952.4 | 3548.5 | 1434.8 | 300.0 | 107.7 | 96.2 | 90.4 | 84.6 | 82.7 | 80.8 |
| 62.5° | 4031.3 | 3956.3 | 3550.4 | 1450.2 | 280.8 | 98.1 | 90.4 | 84.6 | 80.8 | 78.9 | 76.9 |
| 65° | 3956.3 | 3871.6 | 3410.0 | 1355.9 | 265.4 | 98.1 | 86.5 | 80.8 | 75.0 | 73.1 | 71.2 |
| 67.5° | 3787.0 | 3656.2 | 3054.2 | 1150.1 | 252.0 | 100.0 | 84.6 | 75.0 | 71.2 | 69.2 | 67.3 |
| 70° | 3379.3 | 3233.1 | 2579.2 | 913.6 | 246.2 | 101.9 | 84.6 | 71.2 | 65.4 | 63.5 | 63.5 |
| 72.5° | 2708.0 | 2540.7 | 2011.8 | 688.5 | 236.6 | 103.9 | 82.7 | 67.3 | 61.5 | 57.7 | 57.7 |
| 75° | 1832.9 | 1686.8 | 1363.6 | 465.4 | 196.2 | 90.4 | 75.0 | 61.5 | 53.9 | 50.0 | 48.1 |
| 77.5° | 1021.3 | 973.2 | 867.4 | 246.2 | 125.0 | 67.3 | 57.7 | 50.0 | 44.2 | 42.3 | 40.4 |
| 80° | 600.1 | 575.1 | 511.6 | 136.6 | 76.9 | 38.5 | 34.6 | 32.7 | 28.8 | 28.8 | 28.8 |
| 82.5° | 367.4 | 342.4 | 317.3 | 61.5 | 36.5 | 19.2 | 19.2 | 15.4 | 15.4 | 13.5 | 13.5 |
| 85° | 100.0 | 92.3 | 128.9 | 13.5 | 3.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CATALOG NUMBER: ISC-AF-1200-LED-E1-SLR-7030

CANDELA DISTRIBUTION (continued):

| | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° | 75° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 |
| 2.5° | 1200.2 | 1196.3 | 1196.3 | 1167.5 | 1167.5 | 1152.1 | 1148.2 | 1148.2 | 1154.0 | 1150.1 | 1127.1 |
| 5° | 965.5 | 954.0 | 946.3 | 911.7 | 902.0 | 884.7 | 877.0 | 875.1 | 880.9 | 871.3 | 840.5 |
| 7.5° | 727.0 | 717.4 | 705.9 | 678.9 | 667.4 | 665.5 | 642.4 | 636.6 | 632.8 | 625.1 | 605.8 |
| 10° | 634.7 | 621.2 | 611.6 | 592.4 | 578.9 | 569.3 | 550.1 | 540.5 | 532.8 | 521.2 | 515.4 |
| 12.5° | 571.2 | 557.8 | 544.3 | 519.3 | 502.0 | 490.4 | 478.9 | 459.7 | 452.0 | 438.5 | 430.8 |
| 15° | 492.4 | 477.0 | 461.6 | 434.7 | 411.6 | 400.1 | 377.0 | 365.4 | 357.7 | 342.4 | 334.7 |
| 17.5° | 396.2 | 375.0 | 357.7 | 332.7 | 321.2 | 302.0 | 288.5 | 269.3 | 253.9 | 248.1 | 242.3 |
| 20° | 298.1 | 278.9 | 263.5 | 242.3 | 230.8 | 215.4 | 207.7 | 194.3 | 186.6 | 182.7 | 178.9 |
| 22.5° | 219.3 | 203.9 | 194.3 | 182.7 | 176.9 | 171.2 | 167.3 | 163.5 | 159.6 | 157.7 | 157.7 |
| 25° | 173.1 | 167.3 | 163.5 | 159.6 | 157.7 | 155.8 | 151.9 | 150.0 | 148.1 | 146.2 | 146.2 |
| 27.5° | 157.7 | 153.9 | 151.9 | 150.0 | 148.1 | 144.2 | 144.2 | 140.4 | 138.5 | 138.5 | 136.6 |
| 30° | 159.6 | 159.6 | 159.6 | 155.8 | 153.9 | 150.0 | 148.1 | 142.3 | 138.5 | 134.6 | 132.7 |
| 32.5° | 130.8 | 130.8 | 128.9 | 125.0 | 123.1 | 121.2 | 121.2 | 117.3 | 115.4 | 115.4 | 119.2 |
| 35° | 119.2 | 117.3 | 115.4 | 111.6 | 109.6 | 105.8 | 103.9 | 101.9 | 100.0 | 98.1 | 98.1 |
| 37.5° | 113.5 | 111.6 | 109.6 | 105.8 | 103.9 | 101.9 | 100.0 | 96.2 | 94.2 | 94.2 | 92.3 |
| 40° | 107.7 | 107.7 | 107.7 | 103.9 | 101.9 | 98.1 | 96.2 | 94.2 | 92.3 | 90.4 | 90.4 |
| 42.5° | 103.9 | 103.9 | 103.9 | 101.9 | 100.0 | 98.1 | 94.2 | 92.3 | 90.4 | 88.5 | 86.5 |
| 45° | 105.8 | 103.9 | 103.9 | 101.9 | 100.0 | 96.2 | 94.2 | 90.4 | 88.5 | 86.5 | 84.6 |
| 47.5° | 113.5 | 111.6 | 107.7 | 103.9 | 100.0 | 96.2 | 92.3 | 88.5 | 86.5 | 84.6 | 82.7 |
| 50° | 107.7 | 115.4 | 117.3 | 111.6 | 101.9 | 96.2 | 92.3 | 88.5 | 84.6 | 82.7 | 80.8 |
| 52.5° | 105.8 | 107.7 | 115.4 | 115.4 | 105.8 | 98.1 | 92.3 | 88.5 | 84.6 | 80.8 | 78.9 |
| 55° | 96.2 | 101.9 | 103.9 | 105.8 | 103.9 | 96.2 | 90.4 | 84.6 | 82.7 | 78.9 | 75.0 |
| 57.5° | 84.6 | 88.5 | 90.4 | 94.2 | 96.2 | 94.2 | 86.5 | 80.8 | 78.9 | 75.0 | 71.2 |
| 60° | 78.9 | 78.9 | 78.9 | 80.8 | 90.4 | 98.1 | 90.4 | 78.9 | 73.1 | 71.2 | 67.3 |
| 62.5° | 73.1 | 73.1 | 71.2 | 73.1 | 75.0 | 84.6 | 82.7 | 75.0 | 71.2 | 69.2 | 65.4 |
| 65° | 71.2 | 69.2 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 65.4 | 65.4 | 63.5 |
| 67.5° | 65.4 | 63.5 | 63.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 59.6 | 59.6 | 57.7 |
| 70° | 61.5 | 59.6 | 57.7 | 57.7 | 57.7 | 55.8 | 55.8 | 55.8 | 53.9 | 53.9 | 53.9 |
| 72.5° | 55.8 | 53.9 | 53.9 | 53.9 | 51.9 | 51.9 | 51.9 | 50.0 | 50.0 | 48.1 | 48.1 |
| 75° | 48.1 | 48.1 | 46.2 | 46.2 | 46.2 | 44.2 | 44.2 | 44.2 | 44.2 | 42.3 | 42.3 |
| 77.5° | 40.4 | 38.5 | 40.4 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 36.5 | 36.5 | 34.6 |
| 80° | 26.9 | 26.9 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 | 26.9 |
| 82.5° | 15.4 | 13.5 | 15.4 | 15.4 | 15.4 | 17.3 | 17.3 | 19.2 | 17.3 | 17.3 | 15.4 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.9 | 1.9 | 3.8 | 3.8 | 3.8 | 3.8 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CANDELA DISTRIBUTION (continued):

| | 77.5° | 80° | 85° | 90° | 95° | 100° | 102.5° | 105° | 107.5° | 110° | 112.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 |
| 2.5° | 1138.6 | 1136.7 | 1117.4 | 1121.3 | 1115.5 | 1104.0 | 1105.9 | 1107.8 | 1111.7 | 1104.0 | 1100.1 |
| 5° | 855.9 | 857.8 | 832.8 | 840.5 | 834.7 | 832.8 | 838.6 | 848.2 | 854.0 | 852.0 | 846.3 |
| 7.5° | 607.8 | 609.7 | 588.5 | 586.6 | 580.8 | 578.9 | 586.6 | 596.2 | 602.0 | 600.1 | 602.0 |
| 10° | 502.0 | 496.2 | 477.0 | 463.5 | 450.1 | 438.5 | 436.6 | 436.6 | 436.6 | 432.7 | 428.9 |
| 12.5° | 415.4 | 409.7 | 386.6 | 375.0 | 363.5 | 348.1 | 346.2 | 344.3 | 338.5 | 332.7 | 325.0 |
| 15° | 323.1 | 317.3 | 298.1 | 290.4 | 280.8 | 275.0 | 273.1 | 273.1 | 269.3 | 265.4 | 261.6 |
| 17.5° | 234.6 | 230.8 | 219.3 | 211.6 | 209.6 | 211.6 | 213.5 | 217.3 | 219.3 | 221.2 | 221.2 |
| 20° | 176.9 | 175.0 | 171.2 | 171.2 | 173.1 | 178.9 | 180.8 | 186.6 | 188.5 | 192.3 | 196.2 |
| 22.5° | 155.8 | 155.8 | 153.9 | 153.9 | 157.7 | 163.5 | 167.3 | 169.3 | 171.2 | 173.1 | 173.1 |
| 25° | 144.2 | 144.2 | 142.3 | 146.2 | 151.9 | 151.9 | 151.9 | 151.9 | 148.1 | 146.2 | 146.2 |
| 27.5° | 136.6 | 136.6 | 136.6 | 138.5 | 136.6 | 134.6 | 134.6 | 134.6 | 132.7 | 132.7 | 130.8 |
| 30° | 130.8 | 130.8 | 130.8 | 128.9 | 128.9 | 126.9 | 126.9 | 125.0 | 125.0 | 123.1 | 123.1 |
| 32.5° | 121.2 | 117.3 | 121.2 | 117.3 | 117.3 | 115.4 | 117.3 | 117.3 | 113.5 | 113.5 | 113.5 |
| 35° | 96.2 | 94.2 | 94.2 | 94.2 | 92.3 | 94.2 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| 37.5° | 90.4 | 90.4 | 88.5 | 86.5 | 86.5 | 84.6 | 86.5 | 84.6 | 84.6 | 84.6 | 86.5 |
| 40° | 88.5 | 86.5 | 84.6 | 84.6 | 82.7 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| 42.5° | 84.6 | 84.6 | 80.8 | 78.9 | 78.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| 45° | 82.7 | 80.8 | 78.9 | 76.9 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 73.1 |
| 47.5° | 80.8 | 78.9 | 76.9 | 75.0 | 73.1 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| 50° | 78.9 | 76.9 | 73.1 | 73.1 | 71.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| 52.5° | 75.0 | 75.0 | 71.2 | 69.2 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| 55° | 71.2 | 71.2 | 67.3 | 65.4 | 63.5 | 63.5 | 63.5 | 63.5 | 65.4 | 65.4 | 65.4 |
| 57.5° | 69.2 | 67.3 | 63.5 | 63.5 | 59.6 | 59.6 | 59.6 | 61.5 | 61.5 | 63.5 | 63.5 |
| 60° | 65.4 | 63.5 | 61.5 | 59.6 | 59.6 | 57.7 | 57.7 | 57.7 | 57.7 | 59.6 | 59.6 |
| 62.5° | 63.5 | 61.5 | 57.7 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 |
| 65° | 59.6 | 59.6 | 55.8 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 |
| 67.5° | 55.8 | 55.8 | 51.9 | 50.0 | 50.0 | 50.0 | 51.9 | 50.0 | 50.0 | 50.0 | 50.0 |
| 70° | 51.9 | 50.0 | 48.1 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 |
| 72.5° | 46.2 | 46.2 | 44.2 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 44.2 |
| 75° | 40.4 | 38.5 | 36.5 | 36.5 | 36.5 | 36.5 | 36.5 | 36.5 | 36.5 | 36.5 | 36.5 |
| 77.5° | 34.6 | 30.8 | 30.8 | 30.8 | 30.8 | 30.8 | 30.8 | 30.8 | 30.8 | 30.8 | 32.7 |
| 80° | 25.0 | 23.1 | 23.1 | 23.1 | 23.1 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 |
| 82.5° | 15.4 | 13.5 | 13.5 | 13.5 | 15.4 | 17.3 | 17.3 | 17.3 | 17.3 | 19.2 | 19.2 |
| 85° | 3.8 | 3.8 | 3.8 | 3.8 | 7.7 | 9.6 | 9.6 | 9.6 | 11.5 | 9.6 | 9.6 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CATALOG NUMBER: ISC-AF-1200-LED-E1-SLR-7030

CANDELA DISTRIBUTION (continued):

| | 115° | 117.5° | 120° | 122.5° | 125° | 127.5° | 130° | 135° | 145° | 155° | 165° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 |
| 2.5° | 1096.3 | 1119.4 | 1119.4 | 1104.0 | 1111.7 | 1104.0 | 1102.1 | 1115.5 | 1123.2 | 1148.2 | 1163.6 |
| 5° | 848.2 | 877.0 | 879.0 | 871.3 | 880.9 | 875.1 | 880.9 | 898.2 | 911.7 | 929.0 | 944.4 |
| 7.5° | 605.8 | 632.8 | 638.5 | 632.8 | 650.1 | 648.2 | 652.0 | 671.2 | 682.8 | 692.4 | 694.3 |
| 10° | 427.0 | 430.8 | 446.2 | 442.4 | 453.9 | 452.0 | 457.8 | 473.1 | 488.5 | 494.3 | 498.1 |
| 12.5° | 321.2 | 317.3 | 323.1 | 315.4 | 321.2 | 321.2 | 323.1 | 332.7 | 352.0 | 359.7 | 378.9 |
| 15° | 259.6 | 255.8 | 255.8 | 252.0 | 252.0 | 250.0 | 252.0 | 259.6 | 273.1 | 284.7 | 300.0 |
| 17.5° | 221.2 | 221.2 | 221.2 | 219.3 | 217.3 | 217.3 | 219.3 | 223.1 | 230.8 | 238.5 | 246.2 |
| 20° | 198.1 | 201.9 | 203.9 | 205.8 | 207.7 | 209.6 | 211.6 | 217.3 | 215.4 | 207.7 | 198.1 |
| 22.5° | 173.1 | 173.1 | 175.0 | 175.0 | 173.1 | 173.1 | 173.1 | 173.1 | 173.1 | 178.9 | 184.6 |
| 25° | 144.2 | 144.2 | 144.2 | 146.2 | 144.2 | 144.2 | 146.2 | 146.2 | 148.1 | 151.9 | 157.7 |
| 27.5° | 130.8 | 130.8 | 130.8 | 130.8 | 130.8 | 130.8 | 130.8 | 132.7 | 134.6 | 140.4 | 144.2 |
| 30° | 121.2 | 121.2 | 119.2 | 119.2 | 119.2 | 117.3 | 119.2 | 119.2 | 121.2 | 128.9 | 134.6 |
| 32.5° | 111.6 | 109.6 | 109.6 | 109.6 | 107.7 | 107.7 | 107.7 | 111.6 | 113.5 | 117.3 | 123.1 |
| 35° | 98.1 | 98.1 | 98.1 | 100.0 | 100.0 | 100.0 | 100.0 | 103.9 | 103.9 | 105.8 | 105.8 |
| 37.5° | 88.5 | 88.5 | 90.4 | 92.3 | 92.3 | 94.2 | 94.2 | 96.2 | 98.1 | 96.2 | 94.2 |
| 40° | 80.8 | 82.7 | 82.7 | 86.5 | 86.5 | 86.5 | 88.5 | 90.4 | 92.3 | 88.5 | 88.5 |
| 42.5° | 76.9 | 76.9 | 76.9 | 78.9 | 78.9 | 78.9 | 80.8 | 82.7 | 84.6 | 84.6 | 84.6 |
| 45° | 73.1 | 73.1 | 73.1 | 75.0 | 73.1 | 73.1 | 73.1 | 75.0 | 78.9 | 78.9 | 80.8 |
| 47.5° | 71.2 | 71.2 | 71.2 | 69.2 | 69.2 | 69.2 | 69.2 | 71.2 | 73.1 | 76.9 | 78.9 |
| 50° | 69.2 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 69.2 | 71.2 | 73.1 | 76.9 |
| 52.5° | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 67.3 | 69.2 | 71.2 | 73.1 |
| 55° | 65.4 | 65.4 | 63.5 | 63.5 | 65.4 | 65.4 | 65.4 | 67.3 | 69.2 | 71.2 | 71.2 |
| 57.5° | 63.5 | 61.5 | 61.5 | 63.5 | 63.5 | 63.5 | 63.5 | 65.4 | 67.3 | 69.2 | 69.2 |
| 60° | 59.6 | 59.6 | 59.6 | 59.6 | 61.5 | 61.5 | 63.5 | 65.4 | 65.4 | 67.3 | 67.3 |
| 62.5° | 55.8 | 57.7 | 57.7 | 57.7 | 59.6 | 59.6 | 61.5 | 63.5 | 65.4 | 67.3 | 65.4 |
| 65° | 53.9 | 55.8 | 55.8 | 55.8 | 57.7 | 57.7 | 57.7 | 61.5 | 63.5 | 63.5 | 65.4 |
| 67.5° | 51.9 | 51.9 | 51.9 | 53.9 | 53.9 | 55.8 | 55.8 | 59.6 | 59.6 | 61.5 | 63.5 |
| 70° | 48.1 | 48.1 | 48.1 | 50.0 | 50.0 | 51.9 | 53.9 | 55.8 | 55.8 | 57.7 | 59.6 |
| 72.5° | 44.2 | 44.2 | 44.2 | 46.2 | 46.2 | 48.1 | 50.0 | 53.9 | 51.9 | 53.9 | 53.9 |
| 75° | 38.5 | 38.5 | 40.4 | 40.4 | 42.3 | 44.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 |
| 77.5° | 32.7 | 32.7 | 34.6 | 34.6 | 36.5 | 38.5 | 38.5 | 38.5 | 40.4 | 38.5 | 38.5 |
| 80° | 26.9 | 26.9 | 28.8 | 28.8 | 28.8 | 28.8 | 30.8 | 28.8 | 30.8 | 28.8 | 30.8 |
| 82.5° | 19.2 | 19.2 | 21.2 | 19.2 | 21.2 | 19.2 | 19.2 | 17.3 | 21.2 | 19.2 | 19.2 |
| 85° | 7.7 | 9.6 | 9.6 | 9.6 | 9.6 | 7.7 | 7.7 | 5.8 | 7.7 | 7.7 | 5.8 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CANDELA DISTRIBUTION (continued):

| | 175° | 180° | 185° | 195° | 205° | 215° | 225° | 230° | 235° | 240° | 245° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 |
| 2.5° | 1169.4 | 1167.5 | 1196.3 | 1217.5 | 1230.9 | 1282.9 | 1305.9 | 1334.8 | 1348.2 | 1367.5 | 1386.7 |
| 5° | 946.3 | 942.4 | 977.0 | 1004.0 | 1027.1 | 1102.1 | 1146.3 | 1186.7 | 1219.4 | 1250.2 | 1294.4 |
| 7.5° | 677.0 | 669.3 | 692.4 | 715.5 | 746.2 | 827.0 | 904.0 | 957.8 | 1005.9 | 1057.8 | 1115.5 |
| 10° | 500.1 | 505.8 | 528.9 | 563.5 | 603.9 | 665.5 | 727.0 | 765.5 | 807.8 | 865.5 | 934.7 |
| 12.5° | 400.1 | 423.1 | 442.4 | 484.7 | 532.8 | 602.0 | 667.4 | 698.2 | 728.9 | 757.8 | 794.3 |
| 15° | 321.2 | 334.7 | 350.0 | 390.4 | 448.1 | 528.9 | 605.8 | 640.5 | 677.0 | 711.6 | 744.3 |
| 17.5° | 248.1 | 253.9 | 261.6 | 290.4 | 342.4 | 438.5 | 523.1 | 567.4 | 609.7 | 657.8 | 702.0 |
| 20° | 198.1 | 198.1 | 200.0 | 213.5 | 250.0 | 325.0 | 428.9 | 484.7 | 538.5 | 600.1 | 663.5 |
| 22.5° | 173.1 | 171.2 | 173.1 | 178.9 | 196.2 | 240.4 | 334.7 | 400.1 | 469.3 | 546.2 | 625.1 |
| 25° | 163.5 | 161.6 | 159.6 | 163.5 | 173.1 | 194.3 | 261.6 | 330.8 | 402.0 | 494.3 | 590.5 |
| 27.5° | 148.1 | 150.0 | 151.9 | 155.8 | 163.5 | 175.0 | 217.3 | 269.3 | 348.1 | 450.1 | 565.5 |
| 30° | 138.5 | 140.4 | 142.3 | 146.2 | 159.6 | 173.1 | 198.1 | 230.8 | 298.1 | 398.1 | 527.0 |
| 32.5° | 126.9 | 128.9 | 130.8 | 132.7 | 136.6 | 151.9 | 169.3 | 196.2 | 253.9 | 352.0 | 486.6 |
| 35° | 103.9 | 103.9 | 105.8 | 111.6 | 119.2 | 134.6 | 151.9 | 173.1 | 227.0 | 321.2 | 461.6 |
| 37.5° | 96.2 | 96.2 | 98.1 | 103.9 | 111.6 | 125.0 | 140.4 | 159.6 | 215.4 | 309.7 | 438.5 |
| 40° | 90.4 | 92.3 | 92.3 | 98.1 | 105.8 | 121.2 | 130.8 | 153.9 | 209.6 | 292.3 | 415.4 |
| 42.5° | 86.5 | 86.5 | 88.5 | 94.2 | 103.9 | 115.4 | 128.9 | 150.0 | 194.3 | 277.0 | 402.0 |
| 45° | 82.7 | 84.6 | 84.6 | 90.4 | 101.9 | 111.6 | 130.8 | 142.3 | 184.6 | 265.4 | 390.4 |
| 47.5° | 80.8 | 80.8 | 82.7 | 88.5 | 100.0 | 113.5 | 126.9 | 134.6 | 175.0 | 255.8 | 380.8 |
| 50° | 76.9 | 78.9 | 80.8 | 86.5 | 98.1 | 125.0 | 121.2 | 128.9 | 167.3 | 248.1 | 375.0 |
| 52.5° | 75.0 | 76.9 | 78.9 | 84.6 | 98.1 | 126.9 | 117.3 | 121.2 | 161.6 | 240.4 | 371.2 |
| 55° | 73.1 | 73.1 | 75.0 | 82.7 | 98.1 | 117.3 | 109.6 | 117.3 | 150.0 | 228.9 | 361.6 |
| 57.5° | 69.2 | 71.2 | 73.1 | 78.9 | 96.2 | 107.7 | 103.9 | 111.6 | 138.5 | 209.6 | 348.1 |
| 60° | 69.2 | 69.2 | 71.2 | 76.9 | 96.2 | 96.2 | 98.1 | 105.8 | 125.0 | 186.6 | 325.0 |
| 62.5° | 67.3 | 67.3 | 69.2 | 76.9 | 98.1 | 86.5 | 92.3 | 100.0 | 115.4 | 167.3 | 296.2 |
| 65° | 65.4 | 65.4 | 67.3 | 73.1 | 84.6 | 82.7 | 88.5 | 94.2 | 111.6 | 153.9 | 271.2 |
| 67.5° | 61.5 | 61.5 | 63.5 | 69.2 | 75.0 | 76.9 | 84.6 | 90.4 | 109.6 | 151.9 | 248.1 |
| 70° | 57.7 | 57.7 | 57.7 | 63.5 | 67.3 | 73.1 | 78.9 | 86.5 | 109.6 | 150.0 | 230.8 |
| 72.5° | 53.9 | 51.9 | 53.9 | 57.7 | 61.5 | 65.4 | 71.2 | 80.8 | 107.7 | 151.9 | 223.1 |
| 75° | 46.2 | 46.2 | 46.2 | 50.0 | 53.9 | 57.7 | 63.5 | 75.0 | 101.9 | 142.3 | 200.0 |
| 77.5° | 38.5 | 38.5 | 36.5 | 42.3 | 46.2 | 48.1 | 53.9 | 65.4 | 88.5 | 121.2 | 161.6 |
| 80° | 28.8 | 26.9 | 26.9 | 32.7 | 34.6 | 38.5 | 42.3 | 50.0 | 69.2 | 88.5 | 119.2 |
| 82.5° | 17.3 | 15.4 | 15.4 | 21.2 | 23.1 | 25.0 | 32.7 | 36.5 | 46.2 | 57.7 | 80.8 |
| 85° | 5.8 | 5.8 | 5.8 | 9.6 | 11.5 | 13.5 | 19.2 | 21.2 | 28.8 | 36.5 | 42.3 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.8 | 5.8 | 9.6 | 11.5 | 9.6 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

| | 250° | 255° | 260° | 265° | 270° | 275° | 280° | 285° | 290° | 295° | 300° | |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 0° | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 0° |
| 2.5° | 1409.8 | 1429.0 | 1454.0 | 1477.1 | 1494.4 | 1509.8 | 1529.0 | 1529.0 | 1552.1 | 1559.8 | 1575.2 | 2.5° |
| 5° | 1329.0 | 1365.6 | 1419.4 | 1463.6 | 1517.5 | 1569.4 | 1617.5 | 1644.4 | 1690.6 | 1721.4 | 1752.1 | 5° |
| 7.5° | 1165.5 | 1215.5 | 1282.9 | 1344.4 | 1423.3 | 1507.9 | 1586.7 | 1659.8 | 1736.8 | 1802.2 | 1850.2 | 7.5° |
| 10° | 994.4 | 1063.6 | 1134.8 | 1213.6 | 1298.2 | 1388.6 | 1484.8 | 1582.9 | 1675.2 | 1767.5 | 1846.4 | 10° |
| 12.5° | 854.0 | 932.8 | 1013.6 | 1111.7 | 1209.8 | 1305.9 | 1419.4 | 1504.0 | 1600.2 | 1692.5 | 1769.5 | 12.5° |
| 15° | 794.3 | 863.6 | 957.8 | 1065.5 | 1169.4 | 1267.5 | 1373.3 | 1459.8 | 1550.2 | 1625.2 | 1679.1 | 15° |
| 17.5° | 769.3 | 857.8 | 965.5 | 1079.0 | 1190.5 | 1309.8 | 1404.0 | 1477.1 | 1544.4 | 1579.0 | 1586.7 | 17.5° |
| 20° | 742.4 | 863.6 | 1007.8 | 1146.3 | 1282.9 | 1407.9 | 1477.1 | 1525.2 | 1536.7 | 1534.8 | 1506.0 | 20° |
| 22.5° | 727.0 | 882.8 | 1061.7 | 1255.9 | 1427.1 | 1573.3 | 1621.4 | 1611.7 | 1563.7 | 1502.1 | 1454.0 | 22.5° |
| 25° | 723.2 | 927.0 | 1154.0 | 1411.7 | 1621.4 | 1767.5 | 1794.5 | 1740.6 | 1632.9 | 1513.7 | 1432.9 | 25° |
| 27.5° | 727.0 | 977.0 | 1269.4 | 1579.0 | 1825.2 | 1975.2 | 1965.6 | 1884.9 | 1731.0 | 1563.7 | 1434.8 | 27.5° |
| 30° | 709.7 | 1029.0 | 1384.8 | 1725.2 | 1969.5 | 2094.5 | 2056.0 | 1934.9 | 1763.7 | 1596.4 | 1459.8 | 30° |
| 32.5° | 680.9 | 1067.4 | 1486.7 | 1842.5 | 2119.5 | 2213.7 | 2144.5 | 2013.7 | 1836.8 | 1665.6 | 1525.2 | 32.5° |
| 35° | 648.2 | 1084.8 | 1559.8 | 1952.2 | 2281.1 | 2331.1 | 2219.5 | 2086.8 | 1925.2 | 1752.1 | 1600.2 | 35° |
| 37.5° | 613.5 | 1086.7 | 1629.1 | 2067.6 | 2436.8 | 2458.0 | 2296.4 | 2154.1 | 1996.4 | 1840.6 | 1702.1 | 37.5° |
| 40° | 594.3 | 1079.0 | 1700.2 | 2209.9 | 2604.2 | 2575.3 | 2377.2 | 2209.9 | 2054.1 | 1934.9 | 1821.4 | 40° |
| 42.5° | 586.6 | 1065.5 | 1752.1 | 2317.6 | 2748.4 | 2685.0 | 2452.2 | 2265.7 | 2125.3 | 2025.3 | 1946.4 | 42.5° |
| 45° | 586.6 | 1052.1 | 1800.2 | 2398.4 | 2856.1 | 2773.4 | 2523.4 | 2319.5 | 2194.5 | 2133.0 | 2094.5 | 45° |
| 47.5° | 588.5 | 1057.8 | 1857.9 | 2529.2 | 2948.4 | 2858.1 | 2579.2 | 2398.4 | 2290.7 | 2267.6 | 2281.1 | 47.5° |
| 50° | 598.2 | 1123.2 | 1956.0 | 2673.4 | 3063.8 | 2948.4 | 2654.2 | 2486.9 | 2421.5 | 2444.5 | 2521.5 | 50° |
| 52.5° | 613.5 | 1227.1 | 2125.3 | 2844.6 | 3242.7 | 3092.7 | 2779.2 | 2613.8 | 2583.0 | 2665.7 | 2811.9 | 52.5° |
| 55° | 628.9 | 1332.9 | 2346.5 | 3131.2 | 3531.2 | 3354.3 | 3000.4 | 2835.0 | 2798.4 | 2925.4 | 3135.0 | 55° |
| 57.5° | 642.4 | 1411.7 | 2561.9 | 3415.8 | 3781.2 | 3646.6 | 3292.7 | 3092.7 | 3077.3 | 3213.9 | 3442.7 | 57.5° |
| 60° | 655.9 | 1473.3 | 2686.9 | 3542.8 | 3894.7 | 3881.3 | 3594.7 | 3410.0 | 3387.0 | 3513.9 | 3731.2 | 60° |
| 62.5° | 648.2 | 1450.2 | 2721.5 | 3479.3 | 3885.1 | 3996.7 | 3840.9 | 3710.1 | 3631.2 | 3737.0 | 3948.6 | 62.5° |
| 65° | 619.3 | 1329.0 | 2611.9 | 3260.0 | 3744.7 | 3927.4 | 3940.9 | 3910.1 | 3767.8 | 3775.5 | 3925.5 | 65° |
| 67.5° | 540.5 | 1117.4 | 2275.3 | 2913.8 | 3469.7 | 3687.0 | 3914.0 | 3904.3 | 3723.5 | 3563.9 | 3594.7 | 67.5° |
| 70° | 448.1 | 877.0 | 1856.0 | 2481.1 | 3079.2 | 3265.8 | 3627.4 | 3700.5 | 3442.7 | 3144.6 | 3004.2 | 70° |
| 72.5° | 377.0 | 655.9 | 1427.1 | 1921.4 | 2467.6 | 2685.0 | 3221.6 | 3323.5 | 2971.5 | 2552.2 | 2334.9 | 72.5° |
| 75° | 313.5 | 463.5 | 1004.0 | 1323.2 | 1702.1 | 1988.7 | 2811.9 | 2821.5 | 2411.8 | 2007.9 | 1773.3 | 75° |
| 77.5° | 232.7 | 315.4 | 727.0 | 925.1 | 1169.4 | 1415.6 | 2273.4 | 2298.4 | 1913.7 | 1523.3 | 1321.3 | 77.5° |
| 80° | 155.8 | 194.3 | 463.5 | 646.2 | 786.6 | 948.2 | 1667.5 | 1561.7 | 1263.6 | 1055.9 | 1004.0 | 80° |
| 82.5° | 94.2 | 113.5 | 267.3 | 452.0 | 496.2 | 590.5 | 1048.2 | 979.0 | 832.8 | 761.6 | 780.9 | 82.5° |
| 85° | 51.9 | 71.2 | 163.5 | 296.2 | 230.8 | 323.1 | 573.1 | 559.7 | 525.1 | 459.7 | 400.1 | 85° |
| 87.5° | 13.5 | 15.4 | 36.5 | 13.5 | 5.8 | 17.3 | 111.6 | 73.1 | 73.1 | 42.3 | 15.4 | 87.5° |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 90° |

NUMBER: P228678
 NUMBER: ISC-AF-1200-LED-E1-SLR-7030

REPORT NUMBER: P
 CATALOG NUMBER:

| DISTRIBUTION (continued): | | | | | | | | | | | CANDELA DISTRIBUTION | |
|----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----------------------------|--------|
| 305° | 310° | 315° | 325° | 335° | 340° | 342.5° | 345° | 347.5° | 350° | 352.5° | | 355° |
| 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 1344.4 | 0° | 1344.4 |
| 1561.7 | 1567.5 | 1565.6 | 1552.1 | 1517.5 | 1504.0 | 1498.3 | 1482.9 | 1465.6 | 1465.6 | 1450.2 | 2.5° | 1446.3 |
| 1750.2 | 1759.8 | 1748.3 | 1715.6 | 1627.1 | 1584.8 | 1559.8 | 1529.0 | 1504.0 | 1481.0 | 1457.9 | 5° | 1425.2 |
| 1882.9 | 1890.6 | 1871.4 | 1796.4 | 1638.7 | 1567.5 | 1529.0 | 1492.5 | 1461.7 | 1421.3 | 1384.8 | 7.5° | 1352.1 |
| 1907.9 | 1925.2 | 1904.1 | 1796.4 | 1613.7 | 1525.2 | 1482.9 | 1442.5 | 1398.3 | 1355.9 | 1304.0 | 10° | 1263.6 |
| 1836.8 | 1873.3 | 1857.9 | 1779.1 | 1602.1 | 1507.9 | 1457.9 | 1409.8 | 1355.9 | 1311.7 | 1252.1 | 12.5° | 1213.6 |
| 1727.1 | 1731.0 | 1740.6 | 1738.7 | 1581.0 | 1488.6 | 1438.6 | 1388.6 | 1340.6 | 1298.2 | 1246.3 | 15° | 1198.2 |
| 1606.0 | 1602.1 | 1613.7 | 1650.2 | 1575.2 | 1502.1 | 1469.4 | 1421.3 | 1386.7 | 1338.6 | 1298.2 | 17.5° | 1244.4 |
| 1496.3 | 1490.6 | 1502.1 | 1538.7 | 1552.1 | 1534.8 | 1521.3 | 1492.5 | 1465.6 | 1434.8 | 1402.1 | 20° | 1350.2 |
| 1427.1 | 1407.9 | 1405.9 | 1459.8 | 1563.7 | 1609.8 | 1619.4 | 1615.6 | 1613.7 | 1590.6 | 1567.5 | 22.5° | 1507.9 |
| 1388.6 | 1367.5 | 1377.1 | 1438.6 | 1611.7 | 1698.3 | 1742.5 | 1757.9 | 1779.1 | 1779.1 | 1779.1 | 25° | 1721.4 |
| 1377.1 | 1354.0 | 1367.5 | 1436.7 | 1661.7 | 1806.0 | 1869.5 | 1907.9 | 1948.3 | 1965.6 | 1977.2 | 27.5° | 1940.6 |
| 1384.8 | 1361.7 | 1367.5 | 1450.2 | 1686.8 | 1831.0 | 1906.0 | 1961.8 | 2025.3 | 2067.6 | 2096.4 | 30° | 2067.6 |
| 1429.0 | 1388.6 | 1384.8 | 1490.6 | 1732.9 | 1886.8 | 1965.6 | 2029.1 | 2100.3 | 2148.3 | 2200.3 | 32.5° | 2196.4 |
| 1488.6 | 1430.9 | 1423.3 | 1556.0 | 1792.5 | 1957.9 | 2036.8 | 2092.6 | 2165.7 | 2231.1 | 2306.1 | 35° | 2333.0 |
| 1588.7 | 1517.5 | 1506.0 | 1665.6 | 1873.3 | 2017.6 | 2096.4 | 2169.5 | 2248.4 | 2333.0 | 2429.2 | 37.5° | 2492.6 |
| 1723.3 | 1652.1 | 1652.1 | 1806.0 | 1982.9 | 2100.3 | 2186.8 | 2263.7 | 2350.3 | 2463.8 | 2581.1 | 40° | 2683.0 |
| 1875.2 | 1829.1 | 1836.8 | 1975.2 | 2108.0 | 2204.1 | 2286.8 | 2369.5 | 2459.9 | 2573.4 | 2710.0 | 42.5° | 2840.7 |
| 2077.2 | 2052.2 | 2090.6 | 2188.7 | 2234.9 | 2300.3 | 2373.4 | 2446.5 | 2544.6 | 2661.9 | 2817.7 | 45° | 2956.1 |
| 2313.8 | 2334.9 | 2388.8 | 2419.5 | 2363.8 | 2398.4 | 2456.1 | 2523.4 | 2638.8 | 2758.0 | 2911.9 | 47.5° | 3061.9 |
| 2609.9 | 2665.7 | 2717.7 | 2710.0 | 2523.4 | 2511.9 | 2565.7 | 2617.6 | 2733.0 | 2869.6 | 3033.1 | 50° | 3194.6 |
| 2950.4 | 3023.5 | 3060.0 | 3017.7 | 2702.3 | 2634.9 | 2679.2 | 2750.3 | 2877.3 | 3033.1 | 3215.8 | 52.5° | 3373.5 |
| 3296.6 | 3385.0 | 3373.5 | 3325.4 | 2896.5 | 2806.1 | 2833.1 | 2917.7 | 3073.5 | 3250.4 | 3481.2 | 55° | 3637.0 |
| 3610.1 | 3679.3 | 3710.1 | 3606.2 | 3133.1 | 3013.8 | 3044.6 | 3133.1 | 3298.5 | 3496.6 | 3733.2 | 57.5° | 3887.0 |
| 3858.2 | 3933.2 | 3933.2 | 3831.3 | 3390.8 | 3252.3 | 3304.3 | 3390.8 | 3533.1 | 3729.3 | 3950.5 | 60° | 4083.2 |
| 4039.0 | 4098.6 | 4077.4 | 3979.3 | 3612.0 | 3506.2 | 3546.6 | 3665.8 | 3794.7 | 3940.9 | 4115.9 | 62.5° | 4183.2 |
| 4025.5 | 4031.3 | 4008.2 | 3971.7 | 3744.7 | 3733.2 | 3810.1 | 3902.4 | 4010.1 | 4065.9 | 4164.0 | 65° | 4189.0 |
| 3646.6 | 3648.5 | 3694.7 | 3679.3 | 3644.7 | 3787.0 | 3887.0 | 3964.0 | 4058.2 | 4058.2 | 4046.7 | 67.5° | 4058.2 |
| 2988.8 | 3019.6 | 3098.5 | 3075.4 | 3252.3 | 3544.7 | 3660.1 | 3777.4 | 3860.1 | 3860.1 | 3762.0 | 70° | 3706.2 |
| 2275.3 | 2294.5 | 2388.8 | 2367.6 | 2608.0 | 2929.2 | 3183.1 | 3379.3 | 3460.1 | 3510.1 | 3385.0 | 72.5° | 3113.9 |
| 1656.0 | 1654.1 | 1694.4 | 1663.7 | 1967.6 | 2325.3 | 2586.9 | 2831.1 | 2963.8 | 3006.1 | 2779.2 | 75° | 2283.0 |
| 1275.2 | 1240.5 | 1232.8 | 1236.7 | 1394.4 | 1690.6 | 1898.3 | 2054.1 | 2071.4 | 2077.2 | 1771.4 | 77.5° | 1382.9 |
| 1029.0 | 1029.0 | 1017.4 | 975.1 | 854.0 | 988.6 | 1094.4 | 1217.5 | 1261.7 | 1325.2 | 1061.7 | 80° | 778.9 |
| 821.3 | 788.6 | 730.9 | 648.2 | 548.1 | 584.7 | 634.7 | 680.9 | 755.9 | 782.8 | 646.2 | 82.5° | 442.4 |
| 409.7 | 398.1 | 348.1 | 288.5 | 240.4 | 319.3 | 355.8 | 359.7 | 359.7 | 332.7 | 271.2 | 85° | 180.8 |
| 1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 87.5° | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 90° | 0.0 |



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ISC-AF-1200-LED-E1-SLR-7030

TION (continued):

| 359° | 360° |
|--------|--------|
| 1344.4 | 1344.4 |
| 1423.3 | 1427.1 |
| 1392.5 | 1380.9 |
| 1296.3 | 1279.0 |
| 1192.5 | 1179.0 |
| 1132.8 | 1115.5 |
| 1121.3 | 1102.1 |
| 1161.7 | 1138.6 |
| 1252.1 | 1225.2 |
| 1396.3 | 1363.6 |
| 1594.4 | 1561.7 |
| 1788.7 | 1746.4 |
| 1927.2 | 1884.9 |
| 2061.8 | 2011.8 |
| 2196.4 | 2146.4 |
| 2377.2 | 2333.0 |
| 2577.2 | 2513.8 |
| 2742.7 | 2683.0 |
| 2873.4 | 2811.9 |
| 2998.5 | 2936.9 |
| 3140.8 | 3098.5 |
| 3354.3 | 3317.7 |
| 3679.3 | 3627.4 |
| 3917.8 | 3894.7 |
| 4040.9 | 4012.0 |
| 4079.4 | 4031.3 |
| 4029.4 | 3956.3 |
| 3871.6 | 3787.0 |
| 3490.8 | 3379.3 |
| 2783.0 | 2708.0 |
| 1877.2 | 1832.9 |
| 1079.0 | 1021.3 |
| 619.3 | 600.1 |
| 348.1 | 367.4 |
| 90.4 | 100.0 |
| 0.0 | 0.0 |
| 0.0 | 0.0 |

(END OF REPORT)