

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: P271652

Luminaire Tested: **IST-AF-800-LED-E1-SL2-7027**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P271652
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P35945)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: IST-AF-800-LED-E1-SL2-7027
Description: IMPACT ELITE LED TRAPEZOID LUMINAIRE
LIGHT SQUARE WITH ACCULED OPTICS-TYPE II W/SPILL CONTROL
Light Source: (16) 2700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4299.1 lumens
Efficiency: N/A
Efficacy: 98.8 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type II - Short - Semi-Cutoff
BUG Rating: B1 - U1 - G1

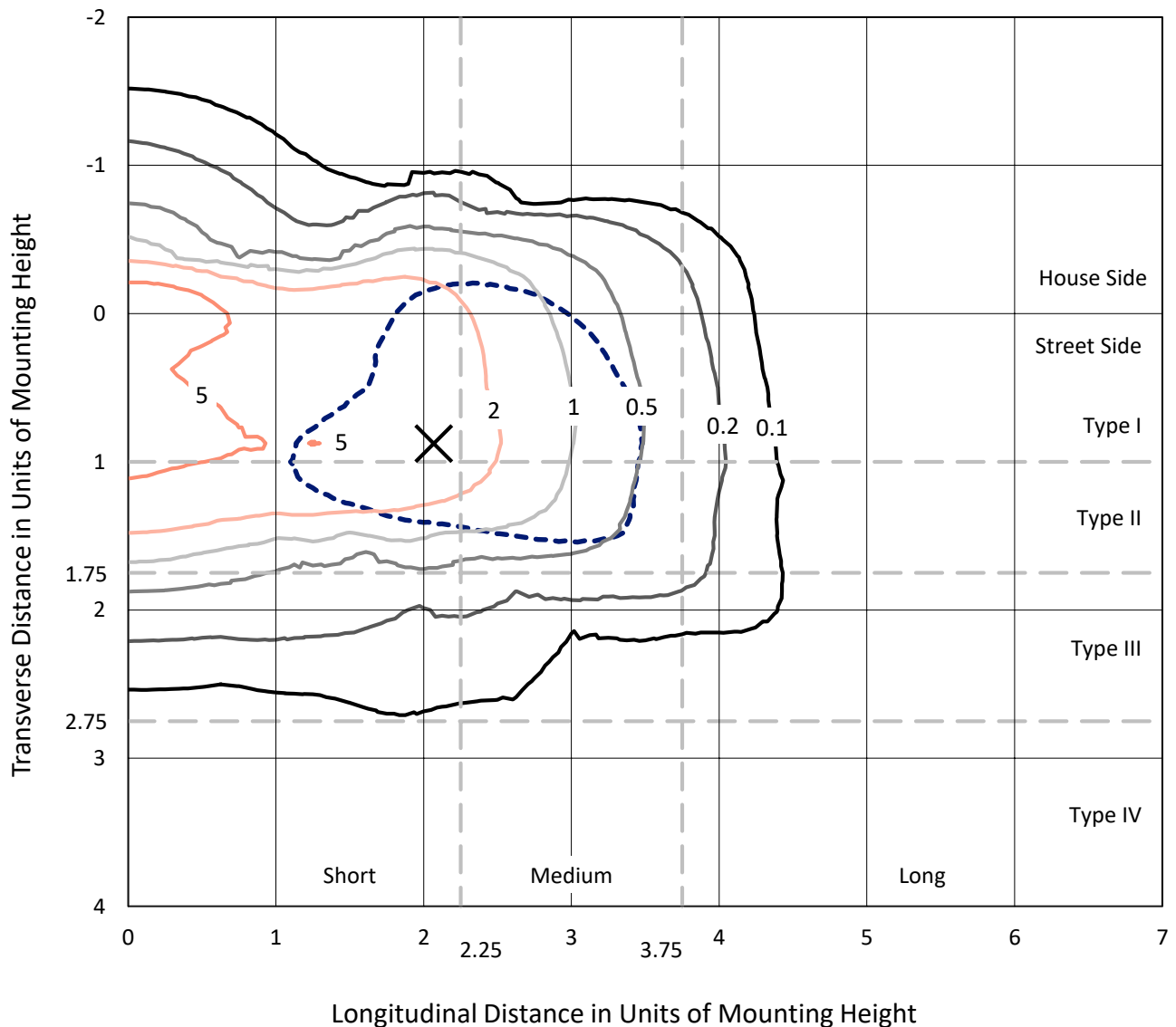
Input Watts (W): 43.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P271652
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Iso-Footcandle Lines of Horizontal Illumination

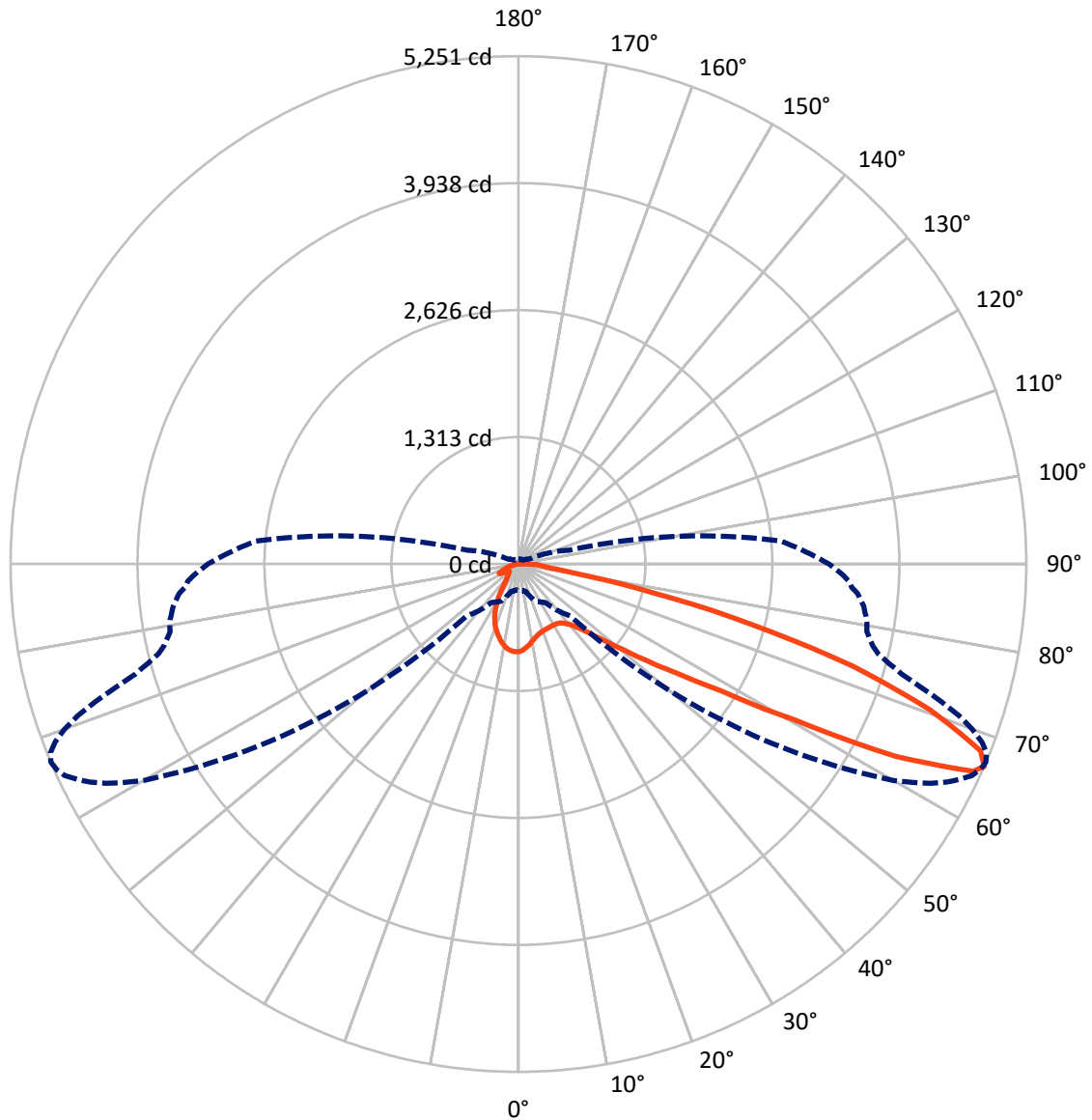
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 9 fc
 Type II - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 67-Deg Lateral - - - Horizontal Cone Through 66-Deg Vertical

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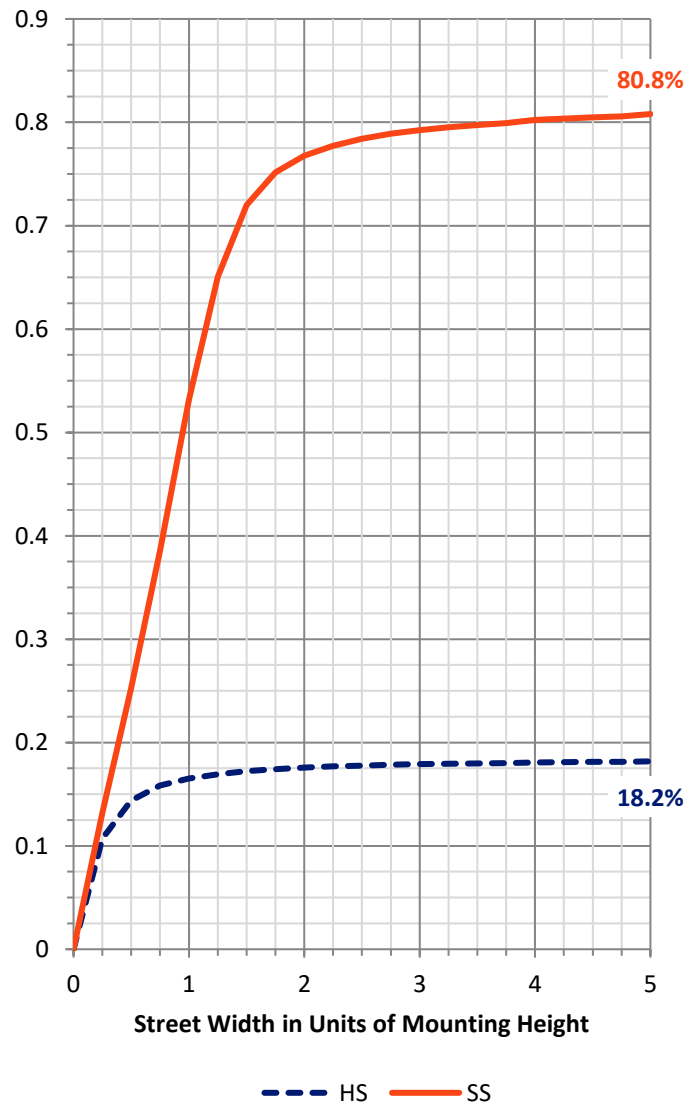
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 793.8 | 0.3 | 794.1 |
| | % Fixture | 18.5 | 0.0 | 18.5 |
| Street Side | Lumens | 3503.8 | 1.2 | 3505.0 |
| | % Fixture | 81.5 | 0.0 | 81.5 |
| Total | Lumens | 4297.5 | 1.6 | 4299.1 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 78.5 | 1.8 |
| 10°-20° | 186.8 | 4.3 |
| 20°-30° | 256.1 | 6.0 |
| 30°-40° | 365.9 | 8.5 |
| 40°-50° | 593.3 | 13.8 |
| 50°-60° | 940.0 | 21.9 |
| 60°-70° | 1191.1 | 27.7 |
| 70°-80° | 592.1 | 13.8 |
| 80°-90° | 93.8 | 2.2 |
| 90°-100° | 1.6 | 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° | 4297.5 | 100.0 |
| 0°-180° | 4299.1 | 100.0 |

Coefficient of Utilization



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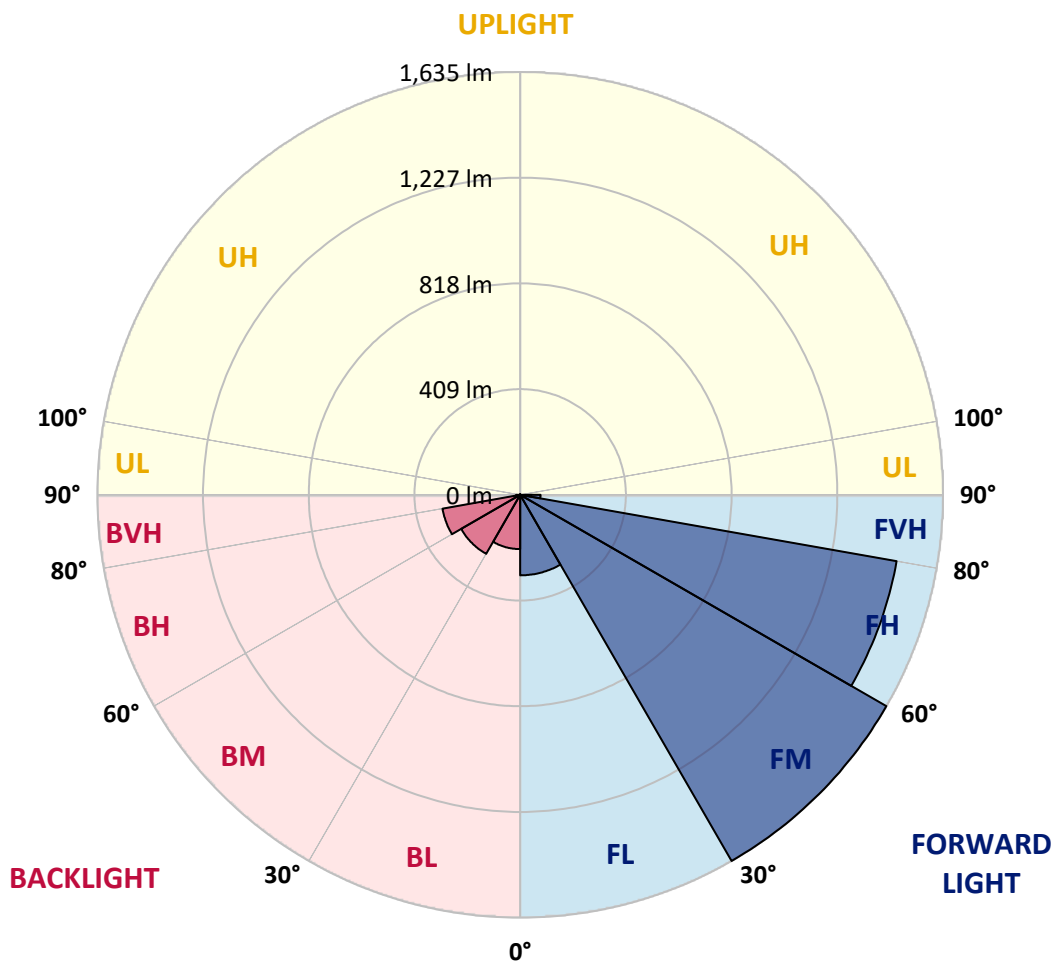
CATALOG NUMBER: IST-AF-800-LED-E1-SL2-7027

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|-------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 311.5 | 7.2 | | | |
| FM | (30°-60°) | 1635.4 | 38.0 | | | |
| FH | (60°-80°) | 1478.2 | 34.4 | | | G1/1800 |
| FVH | (80°-90°) | 78.7 | 1.8 | | | G1/100 |
| BL | (0°-30°) | 209.9 | 4.9 | B1/500 | | |
| BM | (30°-60°) | 263.7 | 6.1 | B1/1000 | | |
| BH | (60°-80°) | 305.0 | 7.1 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 15.1 | 0.4 | | | G1/100 |
| UL | (90°-100°) | 1.6 | 0.0 | | U1/10 | |
| UH | (100°-180°) | 0.3 | 0.0 | | U1/10 | |

BUG Rating: B1-U1-G1

Type II Short





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CATALOG NUMBER: IST-AF-800-LED-E1-SL2-7027

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 60° | 61° | 62° | 63° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 905.0 | 905.0 | 905.0 | 905.0 | 905.0 | 905.0 | 905.0 | 905.0 | 905.0 | 905.0 | 905.0 |
| 2.5° | 840.9 | 842.9 | 853.9 | 859.7 | 868.1 | 870.6 | 880.4 | 884.2 | 887.4 | 886.9 | 886.9 |
| 5° | 765.4 | 771.3 | 776.3 | 788.0 | 800.3 | 815.1 | 833.9 | 848.1 | 850.7 | 853.9 | 855.8 |
| 7.5° | 708.0 | 711.7 | 720.8 | 729.2 | 744.8 | 765.4 | 791.9 | 809.9 | 813.9 | 815.1 | 819.6 |
| 10° | 667.2 | 669.8 | 677.5 | 688.6 | 706.7 | 726.7 | 754.5 | 773.1 | 779.0 | 781.5 | 785.4 |
| 12.5° | 635.6 | 639.4 | 646.6 | 658.2 | 677.5 | 698.3 | 727.3 | 746.0 | 749.8 | 753.0 | 759.0 |
| 15° | 615.6 | 618.1 | 624.6 | 637.4 | 655.0 | 675.6 | 704.0 | 726.7 | 729.2 | 732.5 | 737.6 |
| 17.5° | 611.7 | 613.6 | 617.5 | 627.2 | 640.7 | 660.7 | 689.8 | 708.5 | 713.1 | 717.6 | 722.8 |
| 20° | 627.2 | 628.5 | 629.7 | 631.1 | 638.9 | 651.7 | 680.2 | 700.2 | 704.0 | 708.0 | 714.4 |
| 22.5° | 660.7 | 662.7 | 659.4 | 655.0 | 649.1 | 651.7 | 675.6 | 696.3 | 698.9 | 702.7 | 708.0 |
| 25° | 718.9 | 716.9 | 707.2 | 700.2 | 679.5 | 662.7 | 677.0 | 694.4 | 697.5 | 701.5 | 707.2 |
| 27.5° | 787.4 | 784.8 | 779.0 | 759.6 | 725.3 | 691.2 | 684.7 | 697.5 | 699.5 | 702.7 | 708.0 |
| 30° | 860.9 | 861.7 | 856.4 | 835.2 | 791.2 | 733.7 | 702.0 | 705.3 | 706.7 | 709.2 | 712.4 |
| 32.5° | 927.5 | 937.2 | 936.6 | 935.2 | 872.6 | 791.2 | 735.7 | 722.8 | 720.8 | 722.8 | 724.0 |
| 35° | 1004.3 | 1006.3 | 1024.3 | 1033.4 | 982.5 | 875.2 | 784.8 | 756.4 | 748.6 | 749.3 | 748.0 |
| 37.5° | 1087.1 | 1089.6 | 1120.6 | 1136.2 | 1096.7 | 970.8 | 850.1 | 806.0 | 799.0 | 791.9 | 786.7 |
| 40° | 1207.2 | 1217.6 | 1233.7 | 1251.1 | 1231.8 | 1099.3 | 935.9 | 876.5 | 858.4 | 857.2 | 846.8 |
| 42.5° | 1386.7 | 1383.5 | 1375.8 | 1389.9 | 1366.7 | 1243.3 | 1039.9 | 976.0 | 962.4 | 944.3 | 930.1 |
| 45° | 1563.1 | 1570.1 | 1536.6 | 1543.1 | 1544.4 | 1410.0 | 1190.4 | 1100.6 | 1093.6 | 1072.1 | 1056.7 |
| 47.5° | 1682.0 | 1674.2 | 1629.0 | 1662.0 | 1742.6 | 1604.5 | 1364.9 | 1270.6 | 1255.7 | 1244.6 | 1235.0 |
| 50° | 1688.5 | 1682.0 | 1652.9 | 1711.0 | 1883.5 | 1950.0 | 1607.7 | 1497.8 | 1476.5 | 1457.2 | 1451.3 |
| 52.5° | 1530.8 | 1521.8 | 1531.4 | 1649.6 | 1934.5 | 2239.4 | 1950.6 | 1780.1 | 1762.7 | 1746.6 | 1723.9 |
| 55° | 1249.8 | 1260.1 | 1306.0 | 1475.8 | 1856.3 | 2444.7 | 2625.7 | 2216.1 | 2141.2 | 2140.5 | 2085.0 |
| 57.5° | 933.2 | 923.0 | 957.2 | 1116.8 | 1658.7 | 2517.7 | 3245.7 | 3144.2 | 2977.1 | 2864.0 | 2727.6 |
| 60° | 629.7 | 632.4 | 663.9 | 746.0 | 1154.2 | 2438.3 | 3661.0 | 4014.3 | 3955.6 | 3931.6 | 3894.8 |
| 62.5° | 436.7 | 440.5 | 469.5 | 546.3 | 675.0 | 1961.6 | 3782.4 | 4501.9 | 4607.2 | 4694.5 | 4673.2 |
| 65° | 305.5 | 306.1 | 335.2 | 454.0 | 505.7 | 1007.6 | 3514.3 | 4566.5 | 4723.5 | 4873.3 | 5007.7 |
| 66° | 269.3 | 270.0 | 293.8 | 422.5 | 485.1 | 760.2 | 3281.9 | 4476.7 | 4655.6 | 4830.1 | 4969.0 |
| 67.5° | 230.5 | 234.5 | 253.2 | 359.1 | 465.1 | 586.4 | 2710.8 | 4208.6 | 4396.0 | 4587.8 | 4771.3 |
| 70° | 158.2 | 159.4 | 176.3 | 291.3 | 435.4 | 514.8 | 1545.1 | 3285.7 | 3544.7 | 3881.8 | 4077.0 |
| 72.5° | 113.1 | 111.7 | 113.6 | 180.2 | 447.0 | 511.6 | 811.9 | 2162.5 | 2524.9 | 2820.7 | 3031.9 |
| 75° | 100.8 | 97.6 | 89.1 | 111.7 | 326.2 | 558.7 | 543.8 | 1273.1 | 1548.9 | 1818.2 | 2034.6 |
| 77.5° | 89.8 | 84.6 | 80.1 | 85.9 | 161.4 | 526.4 | 488.3 | 729.2 | 870.1 | 1070.9 | 1237.5 |
| 80° | 68.5 | 65.3 | 67.8 | 74.3 | 96.8 | 484.5 | 485.1 | 485.1 | 523.3 | 589.1 | 655.0 |
| 82.5° | 45.3 | 41.3 | 47.1 | 61.4 | 73.0 | 364.9 | 501.3 | 428.2 | 421.1 | 418.5 | 423.1 |
| 85° | 28.5 | 24.5 | 33.0 | 45.8 | 56.2 | 190.5 | 514.1 | 452.2 | 419.1 | 387.6 | 355.9 |
| 87.5° | 10.3 | 11.6 | 16.8 | 26.5 | 36.8 | 82.6 | 450.8 | 398.5 | 375.9 | 336.5 | 299.8 |
| 90° | 2.5 | 2.0 | 3.2 | 7.7 | 8.4 | 15.5 | 69.1 | 110.4 | 65.8 | 33.0 | 26.5 |
| 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 |



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CATALOG NUMBER: IST-AF-800-LED-E1-SL2-7027

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 60° | 61° | 62° | 63° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 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: P271652

CATALOG NUMBER: IST-AF-800-LED-E1-SL2-7027

CANDELA DISTRIBUTION (continued):

| | 64° | 65° | 66° | 67° | 68° | 69° | 70° | 71° | 72° | 73° | 74° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 905.0 | 905.0 | 905.0 | 905.0 | 905.0 | 905.0 | 905.0 | 905.0 | 905.0 | 905.0 | 905.0 |
| 2.5° | 887.4 | 890.7 | 891.9 | 890.7 | 891.4 | 895.3 | 893.9 | 895.9 | 895.9 | 897.1 | 897.1 |
| 5° | 858.4 | 860.9 | 866.1 | 865.4 | 870.6 | 872.6 | 874.6 | 877.1 | 880.4 | 882.3 | 886.2 |
| 7.5° | 824.1 | 829.3 | 833.9 | 836.4 | 839.6 | 846.1 | 848.1 | 853.9 | 859.0 | 864.2 | 868.1 |
| 10° | 791.2 | 798.3 | 803.5 | 805.4 | 812.6 | 815.8 | 822.8 | 827.4 | 833.9 | 840.4 | 846.1 |
| 12.5° | 763.5 | 769.8 | 772.5 | 779.0 | 785.4 | 791.9 | 795.1 | 803.5 | 809.9 | 818.4 | 826.1 |
| 15° | 742.8 | 749.3 | 754.5 | 759.0 | 765.4 | 771.8 | 777.0 | 785.4 | 793.1 | 801.6 | 808.7 |
| 17.5° | 729.9 | 733.7 | 740.2 | 744.1 | 751.8 | 759.6 | 765.4 | 775.1 | 783.5 | 790.6 | 800.3 |
| 20° | 720.2 | 724.8 | 730.5 | 736.3 | 743.4 | 753.0 | 758.3 | 768.6 | 777.7 | 786.1 | 795.1 |
| 22.5° | 715.1 | 719.5 | 725.3 | 731.2 | 738.9 | 746.7 | 755.0 | 764.1 | 773.8 | 782.9 | 791.9 |
| 25° | 713.1 | 716.9 | 722.1 | 728.0 | 736.3 | 744.8 | 751.8 | 762.2 | 770.6 | 780.3 | 791.2 |
| 27.5° | 713.7 | 716.3 | 722.1 | 727.3 | 735.7 | 743.4 | 750.5 | 760.9 | 770.6 | 779.5 | 790.6 |
| 30° | 716.3 | 718.3 | 724.0 | 728.5 | 735.7 | 743.4 | 749.8 | 760.9 | 769.3 | 779.0 | 790.6 |
| 32.5° | 725.3 | 728.0 | 730.5 | 733.7 | 740.2 | 746.0 | 753.8 | 763.5 | 771.3 | 780.9 | 790.6 |
| 35° | 746.7 | 744.8 | 746.7 | 748.0 | 752.5 | 758.3 | 764.1 | 772.5 | 779.5 | 788.0 | 798.3 |
| 37.5° | 780.3 | 776.3 | 777.7 | 777.0 | 777.0 | 780.9 | 786.7 | 792.6 | 798.3 | 806.8 | 817.1 |
| 40° | 842.3 | 832.5 | 830.0 | 822.8 | 820.9 | 824.1 | 828.1 | 828.7 | 835.9 | 846.8 | 851.3 |
| 42.5° | 922.4 | 909.4 | 911.4 | 899.7 | 896.5 | 892.6 | 897.9 | 894.6 | 899.1 | 906.2 | 915.9 |
| 45° | 1049.0 | 1036.6 | 1023.8 | 1005.0 | 1008.9 | 994.7 | 990.8 | 992.1 | 991.5 | 994.1 | 1005.7 |
| 47.5° | 1200.0 | 1184.0 | 1175.5 | 1168.4 | 1155.0 | 1146.5 | 1135.5 | 1119.4 | 1123.2 | 1128.5 | 1138.7 |
| 50° | 1421.0 | 1415.8 | 1399.6 | 1376.5 | 1373.1 | 1360.9 | 1357.7 | 1343.4 | 1338.4 | 1337.7 | 1337.0 |
| 52.5° | 1716.2 | 1682.5 | 1676.1 | 1654.2 | 1637.4 | 1625.8 | 1621.9 | 1601.9 | 1581.8 | 1593.4 | 1592.2 |
| 55° | 2075.9 | 2048.1 | 2012.7 | 1993.2 | 1979.8 | 1951.9 | 1944.8 | 1919.7 | 1908.0 | 1901.5 | 1885.5 |
| 57.5° | 2680.5 | 2583.0 | 2510.0 | 2473.8 | 2422.8 | 2371.2 | 2353.0 | 2301.4 | 2261.3 | 2232.8 | 2234.8 |
| 60° | 3734.6 | 3560.9 | 3356.2 | 3264.4 | 3051.9 | 3020.9 | 2874.9 | 2839.5 | 2751.6 | 2693.5 | 2659.8 |
| 62.5° | 4658.3 | 4611.1 | 4512.9 | 4379.2 | 4166.1 | 3920.7 | 3810.3 | 3590.5 | 3418.8 | 3343.9 | 3239.8 |
| 65° | 5099.4 | 5166.0 | 5193.1 | 5167.9 | 5082.6 | 4932.9 | 4801.0 | 4586.6 | 4298.5 | 4135.8 | 3933.6 |
| 66° | 5076.8 | 5175.7 | 5225.4 | 5251.2 | 5220.2 | 5131.7 | 4993.5 | 4817.3 | 4594.3 | 4346.3 | 4119.5 |
| 67.5° | 4911.4 | 5007.7 | 5076.8 | 5155.6 | 5155.6 | 5127.9 | 5071.7 | 4954.2 | 4796.5 | 4580.1 | 4376.6 |
| 70° | 4235.9 | 4366.3 | 4488.4 | 4512.3 | 4579.5 | 4558.8 | 4603.4 | 4528.4 | 4491.0 | 4400.5 | 4291.5 |
| 72.5° | 3299.9 | 3409.1 | 3513.7 | 3618.4 | 3600.9 | 3578.3 | 3573.7 | 3589.3 | 3513.1 | 3540.2 | 3511.8 |
| 75° | 2194.8 | 2382.8 | 2490.0 | 2479.6 | 2486.8 | 2492.5 | 2444.7 | 2338.2 | 2420.8 | 2316.2 | 2351.1 |
| 77.5° | 1333.8 | 1421.0 | 1450.0 | 1417.7 | 1375.8 | 1321.6 | 1234.3 | 1183.2 | 1110.3 | 1116.1 | 1067.6 |
| 80° | 699.5 | 710.5 | 687.2 | 622.0 | 586.4 | 554.2 | 454.7 | 410.2 | 368.8 | 353.3 | 318.4 |
| 82.5° | 401.1 | 374.6 | 346.2 | 324.3 | 282.2 | 253.8 | 215.1 | 190.5 | 164.1 | 140.9 | 132.4 |
| 85° | 324.8 | 289.3 | 262.8 | 238.3 | 209.9 | 184.7 | 152.4 | 127.2 | 107.9 | 93.6 | 90.4 |
| 87.5° | 268.1 | 243.5 | 216.4 | 193.1 | 165.4 | 139.5 | 107.9 | 84.0 | 66.6 | 53.6 | 49.8 |
| 90° | 23.9 | 32.2 | 23.3 | 12.9 | 19.3 | 10.3 | 5.7 | 6.5 | 5.2 | 5.2 | 5.7 |
| 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: P271652

CATALOG NUMBER: IST-AF-800-LED-E1-SL2-7027

CANDELA DISTRIBUTION (continued):

| | 64° | 65° | 66° | 67° | 68° | 69° | 70° | 71° | 72° | 73° | 74° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 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: P271652

CATALOG NUMBER: IST-AF-800-LED-E1-SL2-7027

CANDELA DISTRIBUTION (continued):

| | 75° | 76° | 77° | 78° | 79° | 80° | 81° | 82° | 83° | 84° | 85° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 905.0 | 905.0 | 905.0 | 905.0 | 905.0 | 905.0 | 905.0 | 905.0 | 905.0 | 905.0 | 905.0 |
| 2.5° | 899.1 | 899.1 | 900.4 | 901.7 | 902.3 | 902.3 | 902.3 | 903.7 | 904.2 | 902.3 | 904.2 |
| 5° | 888.2 | 891.4 | 893.9 | 895.9 | 896.5 | 898.5 | 900.4 | 901.7 | 903.7 | 903.7 | 905.0 |
| 7.5° | 873.2 | 879.1 | 882.3 | 885.5 | 888.7 | 891.9 | 895.9 | 898.5 | 899.7 | 902.3 | 904.2 |
| 10° | 854.6 | 861.7 | 868.1 | 873.2 | 877.7 | 884.2 | 889.4 | 893.3 | 899.1 | 899.7 | 904.2 |
| 12.5° | 834.5 | 844.9 | 850.1 | 859.7 | 866.1 | 875.8 | 881.0 | 886.9 | 893.3 | 896.5 | 901.7 |
| 15° | 820.3 | 829.3 | 839.1 | 848.1 | 858.4 | 870.1 | 876.5 | 884.2 | 893.3 | 900.4 | 906.9 |
| 17.5° | 809.4 | 821.6 | 832.5 | 844.1 | 857.2 | 869.4 | 879.1 | 887.4 | 899.1 | 903.0 | 909.4 |
| 20° | 806.0 | 819.6 | 830.7 | 842.9 | 856.4 | 872.6 | 884.2 | 893.3 | 905.0 | 911.4 | 917.2 |
| 22.5° | 804.8 | 817.6 | 830.7 | 845.5 | 860.4 | 877.1 | 889.4 | 901.0 | 912.7 | 918.4 | 923.0 |
| 25° | 803.5 | 817.1 | 831.3 | 848.1 | 864.2 | 881.7 | 895.9 | 906.9 | 917.9 | 923.6 | 927.5 |
| 27.5° | 803.5 | 817.6 | 833.2 | 850.1 | 867.4 | 886.9 | 900.4 | 910.7 | 920.4 | 925.5 | 926.9 |
| 30° | 802.8 | 817.6 | 832.5 | 851.3 | 870.1 | 890.1 | 905.0 | 914.7 | 923.0 | 926.2 | 925.0 |
| 32.5° | 804.2 | 819.6 | 835.9 | 854.6 | 873.9 | 893.3 | 908.7 | 919.8 | 924.3 | 923.6 | 923.0 |
| 35° | 810.6 | 824.8 | 843.6 | 862.4 | 882.3 | 900.4 | 915.2 | 923.0 | 926.9 | 925.5 | 922.4 |
| 37.5° | 828.1 | 842.3 | 860.9 | 881.7 | 897.1 | 917.9 | 931.5 | 937.2 | 937.9 | 934.0 | 926.2 |
| 40° | 864.2 | 878.5 | 895.3 | 917.9 | 936.6 | 950.8 | 963.7 | 970.2 | 966.3 | 959.2 | 950.8 |
| 42.5° | 921.8 | 939.8 | 959.7 | 978.0 | 999.8 | 1019.3 | 1022.5 | 1026.3 | 1019.8 | 1006.3 | 996.0 |
| 45° | 1014.1 | 1025.1 | 1050.8 | 1064.4 | 1092.9 | 1102.6 | 1109.7 | 1111.7 | 1097.4 | 1086.4 | 1068.4 |
| 47.5° | 1147.1 | 1168.4 | 1186.5 | 1199.5 | 1220.1 | 1233.0 | 1247.3 | 1240.8 | 1229.8 | 1211.1 | 1187.2 |
| 50° | 1356.4 | 1369.9 | 1393.2 | 1416.4 | 1438.5 | 1447.5 | 1447.5 | 1441.0 | 1434.0 | 1397.8 | 1368.7 |
| 52.5° | 1613.4 | 1614.7 | 1648.4 | 1676.1 | 1694.8 | 1681.3 | 1697.4 | 1681.3 | 1676.8 | 1651.5 | 1627.7 |
| 55° | 1911.2 | 1898.9 | 1939.7 | 1964.2 | 1981.0 | 1997.1 | 1993.9 | 1992.0 | 1975.2 | 1946.8 | 1917.7 |
| 57.5° | 2194.1 | 2229.6 | 2249.1 | 2285.2 | 2293.6 | 2304.6 | 2300.1 | 2293.6 | 2283.9 | 2267.8 | 2254.8 |
| 60° | 2602.4 | 2626.3 | 2643.7 | 2650.8 | 2674.7 | 2677.9 | 2694.1 | 2667.6 | 2674.1 | 2655.3 | 2614.7 |
| 62.5° | 3157.8 | 3132.0 | 3145.5 | 3145.5 | 3138.5 | 3113.3 | 3126.8 | 3137.2 | 3119.7 | 3104.3 | 3097.7 |
| 65° | 3779.9 | 3696.5 | 3616.5 | 3602.8 | 3566.0 | 3557.6 | 3547.4 | 3521.4 | 3510.5 | 3483.4 | 3461.3 |
| 66° | 3965.8 | 3836.8 | 3761.1 | 3714.6 | 3670.0 | 3660.3 | 3646.1 | 3619.0 | 3597.0 | 3558.9 | 3522.2 |
| 67.5° | 4174.5 | 4007.9 | 3894.2 | 3828.3 | 3773.4 | 3737.2 | 3708.8 | 3670.0 | 3635.2 | 3578.3 | 3519.6 |
| 70° | 4160.9 | 4023.4 | 3886.3 | 3786.3 | 3703.6 | 3629.3 | 3585.5 | 3502.1 | 3431.1 | 3349.7 | 3282.5 |
| 72.5° | 3496.3 | 3471.8 | 3392.3 | 3336.1 | 3234.7 | 3195.3 | 3079.0 | 3026.1 | 2927.8 | 2822.7 | 2790.3 |
| 75° | 2430.5 | 2334.3 | 2293.6 | 2271.1 | 2226.4 | 2103.7 | 2023.6 | 2041.1 | 1926.1 | 1823.4 | 1764.6 |
| 77.5° | 1062.5 | 1081.9 | 969.5 | 919.1 | 880.4 | 813.9 | 751.8 | 709.2 | 684.7 | 668.5 | 595.6 |
| 80° | 293.8 | 256.5 | 253.2 | 235.1 | 231.2 | 206.0 | 209.2 | 191.2 | 178.9 | 176.3 | 170.5 |
| 82.5° | 128.5 | 125.9 | 122.1 | 120.1 | 118.1 | 115.6 | 112.4 | 111.7 | 107.9 | 104.7 | 105.3 |
| 85° | 85.2 | 84.6 | 82.6 | 80.8 | 77.5 | 73.0 | 69.8 | 67.1 | 67.8 | 64.6 | 64.0 |
| 87.5° | 49.8 | 48.5 | 47.8 | 45.3 | 44.6 | 40.7 | 41.3 | 38.1 | 37.5 | 36.8 | 34.9 |
| 90° | 7.1 | 7.7 | 9.7 | 9.1 | 6.5 | 12.3 | 10.3 | 9.1 | 9.7 | 7.7 | 7.7 |
| 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: P271652
 CATALOG NUMBER: IST-AF-800-LED-E1-SL2-7027

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

| | 75° | 76° | 77° | 78° | 79° | 80° | 81° | 82° | 83° | 84° | 85° | |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| 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° |

'271652
 IST-AF-800-LED-E1-SL2-7027

REPORT NUMBER: P271652
 CATALOG NUMBER: IST-AF-800

TION (continued):

CANDELA DISTRIBUTION (con

| 87° | 88° | 89° | 90° | 95° | 105° | 115° | 125° | 135° | 145° | | 155° | 165° |
|-----|-----|-----|-----|-----|------|------|------|------|------|--------|-------|-------|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0° | 905.0 | 905.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.5° | 898.5 | 893.9 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5° | 847.4 | 835.2 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.5° | 773.8 | 759.6 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 10° | 689.8 | 668.5 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 12.5° | 582.6 | 540.6 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15° | 458.6 | 402.4 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.5° | 315.8 | 270.6 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20° | 221.5 | 204.7 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.5° | 171.1 | 171.8 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25° | 142.1 | 148.6 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 27.5° | 125.3 | 131.8 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 30° | 114.9 | 120.8 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 32.5° | 107.9 | 110.4 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 35° | 99.4 | 100.8 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 37.5° | 92.3 | 92.3 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 40° | 85.9 | 85.2 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 42.5° | 80.1 | 79.4 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 45° | 74.3 | 74.9 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 47.5° | 71.1 | 71.7 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 50° | 67.8 | 68.5 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 52.5° | 65.3 | 65.3 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 55° | 62.6 | 62.1 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 57.5° | 60.7 | 59.4 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 60° | 58.7 | 57.5 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 62.5° | 57.5 | 55.5 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 65° | 56.2 | 54.9 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 66° | 55.5 | 54.3 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 67.5° | 54.9 | 53.6 |
| | | | | | | | | | | 70° | 52.3 | 51.0 |
| | | | | | | | | | | 72.5° | 48.5 | 47.8 |
| | | | | | | | | | | 75° | 44.6 | 43.3 |
| | | | | | | | | | | 77.5° | 39.3 | 38.8 |
| | | | | | | | | | | 80° | 33.6 | 33.0 |
| | | | | | | | | | | 82.5° | 28.5 | 27.1 |
| | | | | | | | | | | 85° | 22.5 | 21.3 |
| | | | | | | | | | | 87.5° | 15.5 | 14.2 |
| | | | | | | | | | | 90° | 3.9 | 4.5 |
| | | | | | | | | | | 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: P271652

CATALOG NUMBER: IST-AF-800-LED-E1-S

0-LED-E1-SL2-7027

tinued):

| 175° | 180° |
|-------|-------|
| 905.0 | 905.0 |
| 890.1 | 895.9 |
| 831.3 | 829.3 |
| 748.0 | 748.6 |
| 647.2 | 648.5 |
| 516.7 | 509.0 |
| 370.1 | 373.3 |
| 257.7 | 257.1 |
| 206.7 | 208.0 |
| 177.0 | 177.0 |
| 157.7 | 157.7 |
| 138.9 | 139.5 |
| 125.9 | 127.2 |
| 114.4 | 114.9 |
| 102.7 | 103.3 |
| 93.1 | 93.1 |
| 86.6 | 87.1 |
| 82.0 | 82.0 |
| 77.5 | 77.5 |
| 73.6 | 74.9 |
| 69.8 | 70.3 |
| 65.8 | 66.6 |
| 62.1 | 62.1 |
| 58.7 | 58.7 |
| 56.2 | 55.5 |
| 54.3 | 53.0 |
| 52.3 | 51.7 |
| 51.7 | 51.0 |
| 51.0 | 50.3 |
| 49.8 | 49.0 |
| 47.8 | 47.1 |
| 43.9 | 42.6 |
| 40.1 | 38.8 |
| 36.8 | 34.9 |
| 31.0 | 29.7 |
| 22.5 | 21.3 |
| 13.6 | 13.6 |
| 3.2 | 3.2 |
| 0.0 | 0.0 |
| 0.0 | 0.0 |
| 0.0 | 0.0 |
| 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):

| | 155° | 165° | 175° |
|--------|------|------|------|
| 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 |

