

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: STREETWORKS

Report Number: P510655

Luminaire Tested: **CST-CA6-230-730-U-T1**

Issue Date: 4/6/2021

Test Information

Test Method: LM-79-08
Report Number: P510655
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2102-151-9)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 4/6/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: CST-CA6-230-730-U-T1
Description: CELESTEON HIGH MAST LUMINAIRE
Light Source: (6) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 35153 lumens
Efficiency: N/A
Efficacy: 154.3 lumens/watt
Luminous Opening: Circular (Dia: 2.08' x H: 0')
IES Classification: Type I - Short
BUG Rating: B5 - U0 - G5

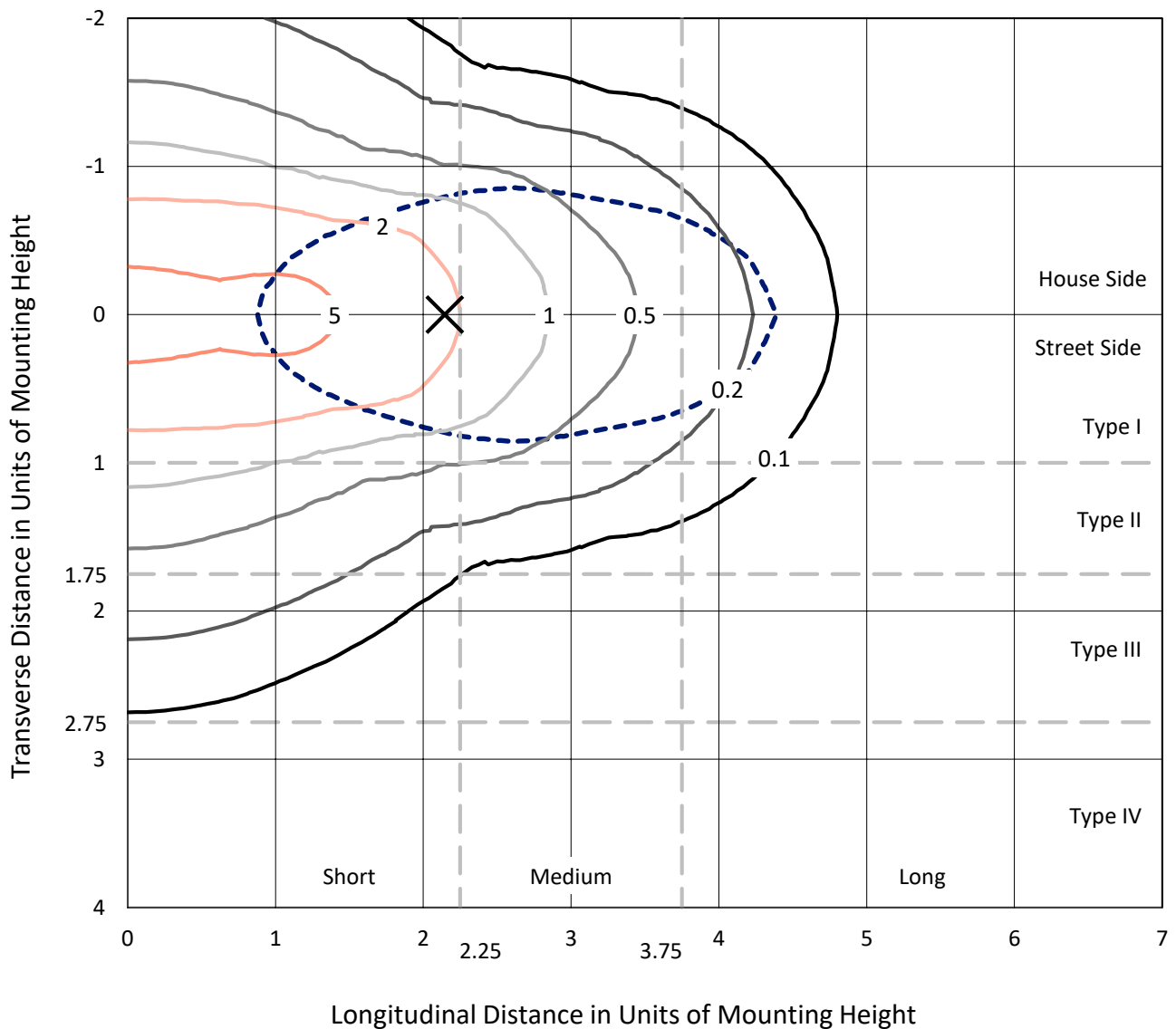
Input Watts (W): 227.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

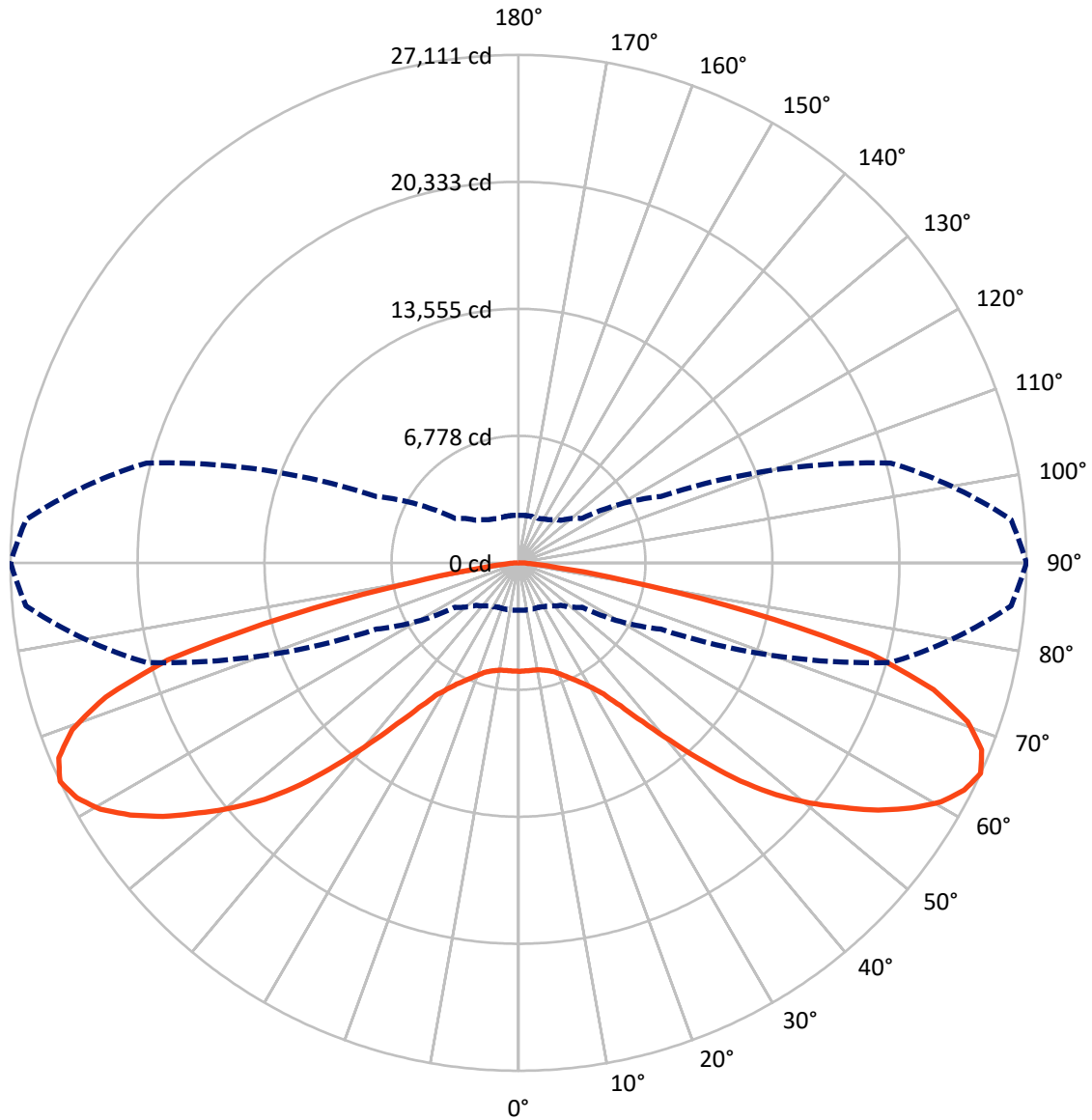
✕ Max cd
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 6.5 fc
 Type I - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 90-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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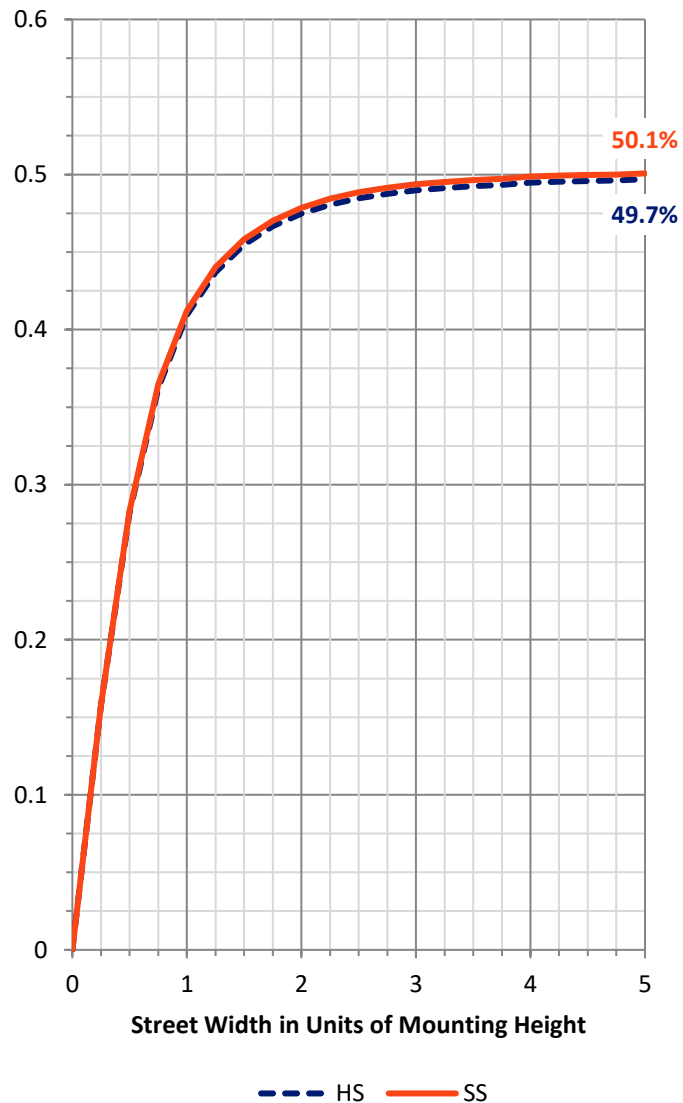
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 17576.5 | 0.0 | 17576.5 |
| | % Fixture | 50.0 | 0.0 | 50.0 |
| Street Side | Lumens | 17576.5 | 0.0 | 17576.5 |
| | % Fixture | 50.0 | 0.0 | 50.0 |
| Total | Lumens | 35153.0 | 0.0 | 35153.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 549.6 | 1.6 |
| 10°-20° | 1621.8 | 4.6 |
| 20°-30° | 2671.5 | 7.6 |
| 30°-40° | 3914.1 | 11.1 |
| 40°-50° | 5787.5 | 16.5 |
| 50°-60° | 7591.7 | 21.6 |
| 60°-70° | 7920.3 | 22.5 |
| 70°-80° | 4553.7 | 13.0 |
| 80°-90° | 542.8 | 1.5 |
| 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° | 35153.0 | 100.0 |
| 0°-180° | 35153.0 | 100.0 |

Coefficient of Utilization

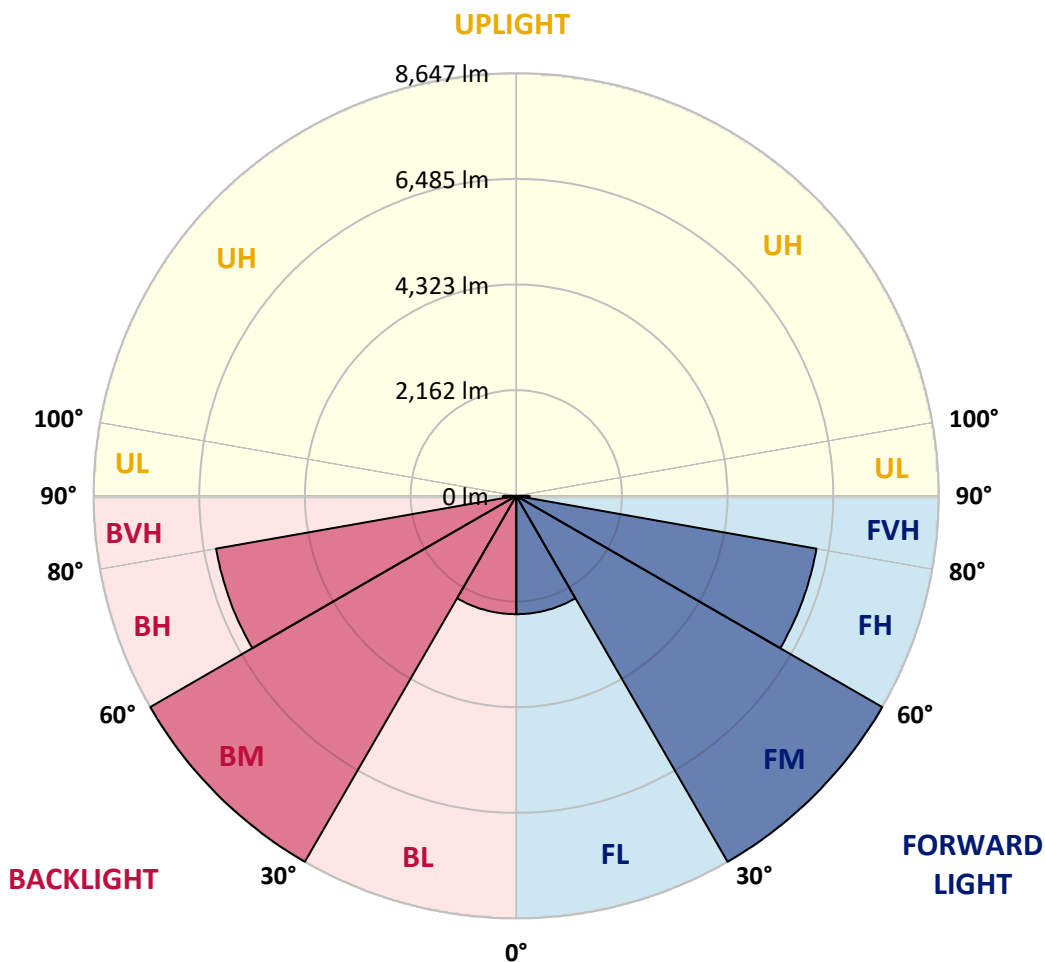


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 2421.5 | 6.9 | | | |
| FM (30°-60°) | 8646.6 | 24.6 | | | |
| FH (60°-80°) | 6237.0 | 17.7 | | | G3/7500 |
| FVH (80°-90°) | 271.4 | 0.8 | | | G3/500 |
| BL (0°-30°) | 2421.5 | 6.9 | B3/2500 | | |
| BM (30°-60°) | 8646.6 | 24.6 | B5 | | |
| BH (60°-80°) | 6237.0 | 17.7 | B5 | | G5 |
| BVH (80°-90°) | 271.4 | 0.8 | | | G3/500 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B5-U0-G5
 Type I Short





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CATALOG NUMBER: CST-CA6-230-730-U-T1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5791.4 | 5791.4 | 5791.4 | 5791.4 | 5791.4 | 5791.4 | 5791.4 | 5791.4 | 5791.4 | 5791.4 | 5791.4 |
| 2.5° | 5790.0 | 5785.9 | 5784.5 | 5782.4 | 5785.9 | 5788.6 | 5795.5 | 5801.7 | 5800.3 | 5798.9 | 5800.3 |
| 5° | 5757.7 | 5759.7 | 5760.4 | 5761.1 | 5763.9 | 5765.9 | 5775.5 | 5785.2 | 5783.8 | 5782.4 | 5789.3 |
| 7.5° | 5712.3 | 5712.3 | 5711.0 | 5709.6 | 5715.1 | 5719.9 | 5729.5 | 5739.1 | 5746.7 | 5753.6 | 5764.6 |
| 10° | 5646.4 | 5643.6 | 5642.9 | 5642.3 | 5648.4 | 5653.9 | 5671.8 | 5689.7 | 5704.8 | 5719.2 | 5737.8 |
| 12.5° | 5566.0 | 5565.3 | 5566.7 | 5568.1 | 5581.1 | 5594.2 | 5624.4 | 5654.6 | 5684.9 | 5715.1 | 5741.9 |
| 15° | 5470.5 | 5462.2 | 5469.1 | 5475.3 | 5496.6 | 5517.2 | 5575.6 | 5634.0 | 5680.0 | 5725.4 | 5777.6 |
| 17.5° | 5324.8 | 5316.6 | 5326.9 | 5336.5 | 5379.1 | 5421.7 | 5504.2 | 5585.9 | 5672.5 | 5759.1 | 5834.0 |
| 20° | 5104.3 | 5104.3 | 5130.4 | 5156.5 | 5228.6 | 5300.8 | 5414.1 | 5526.8 | 5643.6 | 5760.4 | 5869.0 |
| 22.5° | 4869.3 | 4862.4 | 4918.1 | 4973.7 | 5060.3 | 5146.2 | 5289.1 | 5432.0 | 5586.6 | 5740.5 | 5889.6 |
| 25° | 4604.1 | 4615.8 | 4685.8 | 4755.2 | 4876.9 | 4997.8 | 5173.7 | 5348.9 | 5543.3 | 5737.8 | 5944.6 |
| 27.5° | 4380.1 | 4382.2 | 4466.7 | 4551.2 | 4703.7 | 4855.6 | 5069.2 | 5282.9 | 5520.0 | 5757.0 | 6017.4 |
| 30° | 4148.6 | 4186.3 | 4275.7 | 4364.3 | 4534.7 | 4705.1 | 4963.4 | 5221.1 | 5502.1 | 5783.1 | 6100.5 |
| 32.5° | 3970.6 | 3979.5 | 4080.5 | 4180.8 | 4358.8 | 4536.8 | 4837.0 | 5137.3 | 5474.6 | 5812.0 | 6198.1 |
| 35° | 3803.0 | 3817.4 | 3911.5 | 4005.6 | 4191.2 | 4376.0 | 4705.1 | 5033.5 | 5436.8 | 5839.4 | 6303.9 |
| 37.5° | 3653.9 | 3671.7 | 3761.0 | 3850.4 | 4029.0 | 4207.6 | 4556.7 | 4905.7 | 5378.4 | 5851.1 | 6420.0 |
| 40° | 3544.6 | 3559.7 | 3635.3 | 3710.9 | 3872.4 | 4033.1 | 4398.7 | 4763.5 | 5296.7 | 5829.8 | 6511.4 |
| 42.5° | 3465.6 | 3472.5 | 3533.6 | 3594.8 | 3739.1 | 3883.3 | 4245.4 | 4606.8 | 5190.2 | 5773.5 | 6582.2 |
| 45° | 3358.4 | 3373.5 | 3434.0 | 3493.8 | 3623.6 | 3752.8 | 4084.0 | 4415.1 | 5032.1 | 5648.4 | 6582.9 |
| 47.5° | 3278.7 | 3288.3 | 3345.4 | 3401.7 | 3522.6 | 3643.6 | 3941.1 | 4238.6 | 4853.5 | 5467.7 | 6508.7 |
| 50° | 3220.3 | 3215.5 | 3268.4 | 3320.6 | 3423.0 | 3524.7 | 3789.9 | 4054.4 | 4632.3 | 5210.1 | 6323.1 |
| 52.5° | 3137.2 | 3142.7 | 3185.3 | 3227.9 | 3316.5 | 3404.5 | 3642.2 | 3879.2 | 4387.0 | 4894.0 | 6022.2 |
| 55° | 3025.9 | 3051.3 | 3087.0 | 3122.1 | 3199.7 | 3277.3 | 3491.0 | 3704.7 | 4141.7 | 4578.0 | 5634.7 |
| 57.5° | 2916.6 | 2935.2 | 2965.4 | 2995.6 | 3056.8 | 3117.3 | 3318.6 | 3519.9 | 3883.3 | 4246.8 | 5145.5 |
| 60° | 2827.3 | 2832.1 | 2851.4 | 2869.9 | 2916.6 | 2963.4 | 3129.6 | 3295.9 | 3613.3 | 3930.1 | 4657.7 |
| 62.5° | 2711.9 | 2713.3 | 2726.3 | 2739.4 | 2768.2 | 2796.4 | 2926.9 | 3056.8 | 3327.5 | 3598.2 | 4172.6 |
| 65° | 2531.2 | 2542.2 | 2554.5 | 2566.2 | 2585.5 | 2604.0 | 2703.6 | 2803.3 | 3006.0 | 3208.6 | 3671.7 |
| 67.5° | 2348.4 | 2338.8 | 2353.2 | 2367.7 | 2370.4 | 2373.2 | 2448.7 | 2524.3 | 2690.6 | 2856.9 | 3229.3 |
| 70° | 2050.9 | 2058.5 | 2057.1 | 2055.0 | 2043.4 | 2031.0 | 2083.9 | 2136.8 | 2224.7 | 2312.0 | 2581.3 |
| 72.5° | 1572.7 | 1562.4 | 1536.3 | 1509.5 | 1497.1 | 1484.8 | 1546.6 | 1607.8 | 1672.3 | 1736.9 | 1931.4 |
| 75° | 961.2 | 990.8 | 1045.0 | 1098.6 | 1119.2 | 1139.9 | 1136.4 | 1132.3 | 1126.8 | 1121.3 | 1363.8 |
| 77.5° | 651.3 | 667.1 | 679.5 | 691.2 | 721.4 | 751.0 | 785.3 | 819.7 | 819.0 | 818.3 | 970.8 |
| 80° | 414.3 | 401.9 | 407.4 | 412.9 | 430.1 | 447.3 | 499.5 | 551.0 | 565.5 | 579.2 | 684.3 |
| 82.5° | 259.7 | 261.8 | 268.6 | 274.8 | 255.6 | 236.4 | 276.9 | 316.7 | 351.1 | 384.8 | 433.5 |
| 85° | 168.3 | 191.0 | 187.6 | 184.1 | 161.5 | 138.8 | 174.5 | 210.2 | 226.7 | 242.5 | 261.1 |
| 87.5° | 54.3 | 63.2 | 65.3 | 66.6 | 66.6 | 66.0 | 73.5 | 81.1 | 83.8 | 85.9 | 92.8 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 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: CST-CA6-230-730-U-T1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 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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CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° |
|--------|--------|--------|---------|---------|---------|---------|---------|---------|
| 0° | 5791.4 | 5791.4 | 5791.4 | 5791.4 | 5791.4 | 5791.4 | 5791.4 | 5791.4 |
| 2.5° | 5801.0 | 5794.1 | 5787.2 | 5785.2 | 5783.1 | 5781.7 | 5780.4 | 5779.0 |
| 5° | 5795.5 | 5794.1 | 5792.7 | 5787.2 | 5781.7 | 5781.0 | 5780.4 | 5782.4 |
| 7.5° | 5775.5 | 5775.5 | 5775.5 | 5781.7 | 5787.9 | 5785.2 | 5781.7 | 5785.9 |
| 10° | 5755.6 | 5772.1 | 5788.6 | 5793.4 | 5798.2 | 5801.7 | 5805.1 | 5808.5 |
| 12.5° | 5768.7 | 5796.8 | 5824.3 | 5840.1 | 5855.9 | 5864.2 | 5871.7 | 5873.8 |
| 15° | 5829.8 | 5865.6 | 5901.3 | 5922.6 | 5943.2 | 5956.9 | 5970.7 | 5974.1 |
| 17.5° | 5908.8 | 5963.8 | 6018.1 | 6049.0 | 6079.9 | 6095.7 | 6110.8 | 6106.0 |
| 20° | 5976.9 | 6052.4 | 6128.0 | 6194.0 | 6259.9 | 6296.4 | 6332.1 | 6336.2 |
| 22.5° | 6038.0 | 6165.1 | 6292.2 | 6377.4 | 6461.9 | 6526.5 | 6591.1 | 6598.0 |
| 25° | 6150.7 | 6317.0 | 6483.2 | 6619.3 | 6755.3 | 6814.4 | 6872.8 | 6907.2 |
| 27.5° | 6277.1 | 6499.7 | 6722.3 | 6904.4 | 7086.5 | 7176.5 | 7265.8 | 7270.6 |
| 30° | 6417.3 | 6699.7 | 6981.4 | 7226.0 | 7469.9 | 7579.8 | 7689.1 | 7746.8 |
| 32.5° | 6583.5 | 6942.2 | 7300.2 | 7621.7 | 7943.3 | 8110.2 | 8277.2 | 8335.6 |
| 35° | 6767.7 | 7232.8 | 7697.3 | 8140.5 | 8582.9 | 8902.4 | 9221.9 | 9375.8 |
| 37.5° | 6988.9 | 7581.2 | 8173.4 | 8839.2 | 9505.0 | 10049.8 | 10594.0 | 10749.3 |
| 40° | 7193.0 | 7955.0 | 8716.2 | 9641.0 | 10565.8 | 11430.2 | 12293.8 | 12462.2 |
| 42.5° | 7390.9 | 8312.9 | 9235.0 | 10496.4 | 11757.9 | 12914.9 | 14072.0 | 14509.6 |
| 45° | 7516.6 | 8631.7 | 9746.2 | 11409.6 | 13073.0 | 14661.5 | 16249.3 | 16616.9 |
| 47.5° | 7548.9 | 8859.1 | 10169.4 | 12229.9 | 14290.5 | 16160.0 | 18028.8 | 18500.9 |
| 50° | 7436.2 | 8977.3 | 10518.4 | 13237.9 | 15956.6 | 17860.5 | 19763.7 | 20151.2 |
| 52.5° | 7150.4 | 8939.5 | 10728.7 | 14019.1 | 17309.5 | 19324.7 | 21339.9 | 21691.6 |
| 55° | 6691.4 | 8710.0 | 10728.7 | 14662.2 | 18595.0 | 20685.1 | 22774.5 | 23309.0 |
| 57.5° | 6044.2 | 8271.7 | 10499.2 | 15091.6 | 19684.0 | 21954.1 | 24224.2 | 24704.5 |
| 60° | 5385.3 | 7750.2 | 10114.4 | 15328.6 | 20542.8 | 22947.6 | 25352.4 | 25913.0 |
| 62.5° | 4746.3 | 7041.8 | 9336.7 | 15079.9 | 20823.2 | 23361.9 | 25900.0 | 26706.6 |
| 65° | 4134.8 | 6255.1 | 8375.4 | 14473.2 | 20570.3 | 23479.4 | 26387.8 | 27110.6 |
| 67.5° | 3601.6 | 5597.6 | 7593.5 | 13456.4 | 19319.2 | 22538.8 | 25757.7 | 26658.5 |
| 70° | 2850.7 | 4687.2 | 6523.8 | 11653.5 | 16783.2 | 20553.8 | 24324.5 | 25436.2 |
| 72.5° | 2125.8 | 3683.4 | 5240.3 | 9167.0 | 13093.6 | 17429.7 | 21765.2 | 23164.0 |
| 75° | 1605.7 | 2942.1 | 4278.4 | 7245.9 | 10213.4 | 13884.4 | 17555.4 | 19427.7 |
| 77.5° | 1123.4 | 2125.8 | 3127.6 | 5341.3 | 7555.1 | 9587.4 | 11619.8 | 12617.4 |
| 80° | 788.8 | 1344.6 | 1899.8 | 2964.7 | 4029.0 | 4930.4 | 5831.2 | 5759.7 |
| 82.5° | 481.6 | 715.2 | 948.2 | 1286.2 | 1624.2 | 1842.0 | 2059.8 | 2050.2 |
| 85° | 279.6 | 340.1 | 399.9 | 495.4 | 590.9 | 698.8 | 806.6 | 717.3 |
| 87.5° | 98.9 | 98.9 | 98.9 | 113.4 | 127.8 | 175.9 | 224.0 | 236.4 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 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 |
| 97.5° | 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 |
| 102.5° | 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 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|
| 112.5° | 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 |
| 117.5° | 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 |
| 122.5° | 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 |
| 127.5° | 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 |
| 132.5° | 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 |
| 137.5° | 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 |
| 142.5° | 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 |
| 147.5° | 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 |
| 152.5° | 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 |
| 157.5° | 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 |
| 162.5° | 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 |
| 167.5° | 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 |
| 172.5° | 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 |
| 177.5° | 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 |

(END OF REPORT)