

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: P510755

Luminaire Tested: **CST-CA8-330-722-U-T1**

Issue Date: 4/6/2021

Test Information

Test Method: LM-79-08
Report Number: P510755
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-CA8-330-722-U-T1
Description: CELESTEON HIGH MAST LUMINAIRE
Light Source: (8) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 41452 lumens
Efficiency: N/A
Efficacy: 125.0 lumens/watt
Luminous Opening: Circular (Dia: 2.08' x H: 0')
IES Classification: Type I - Short
BUG Rating: B5 - U0 - G5

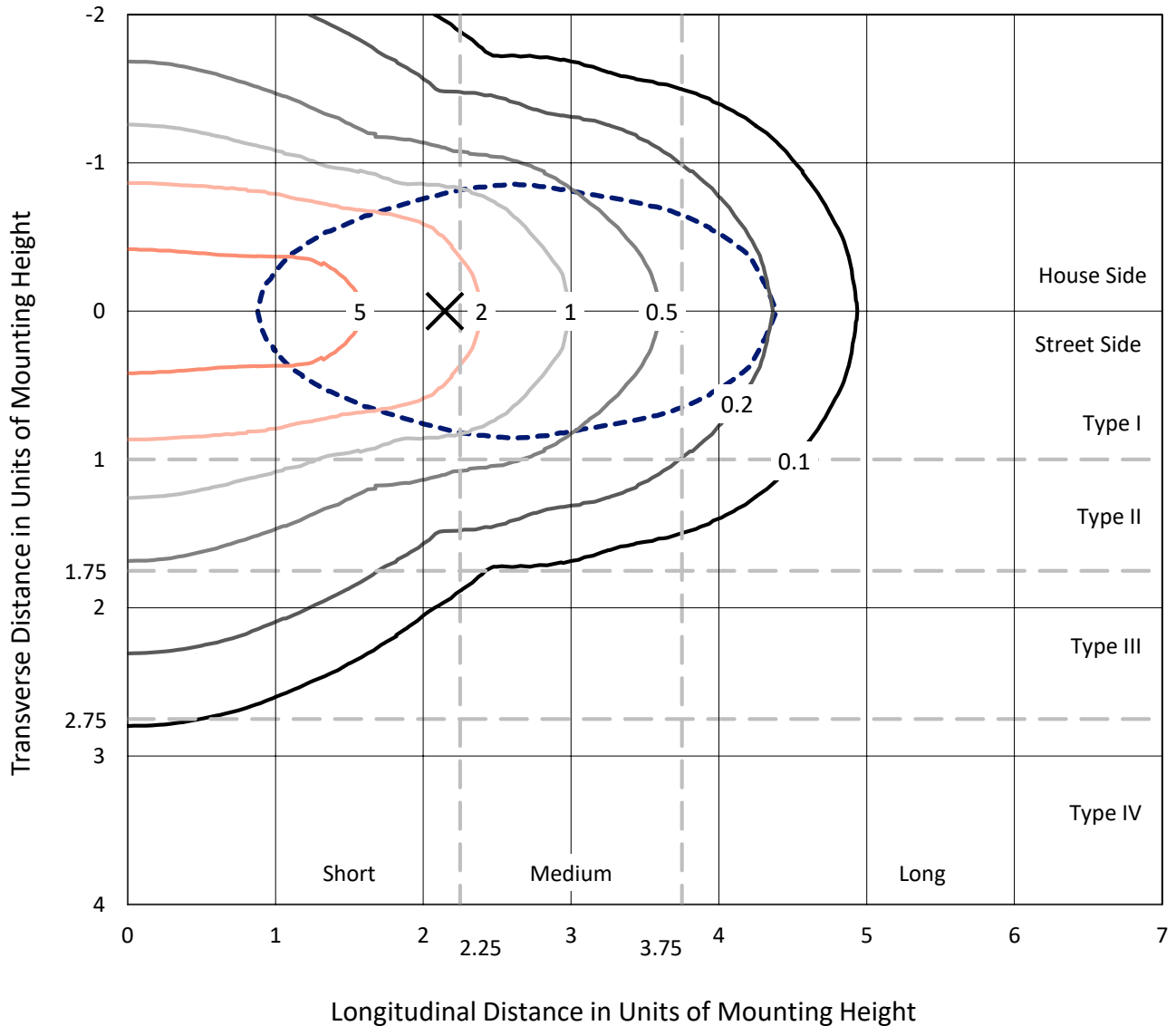
Input Watts (W): 331.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

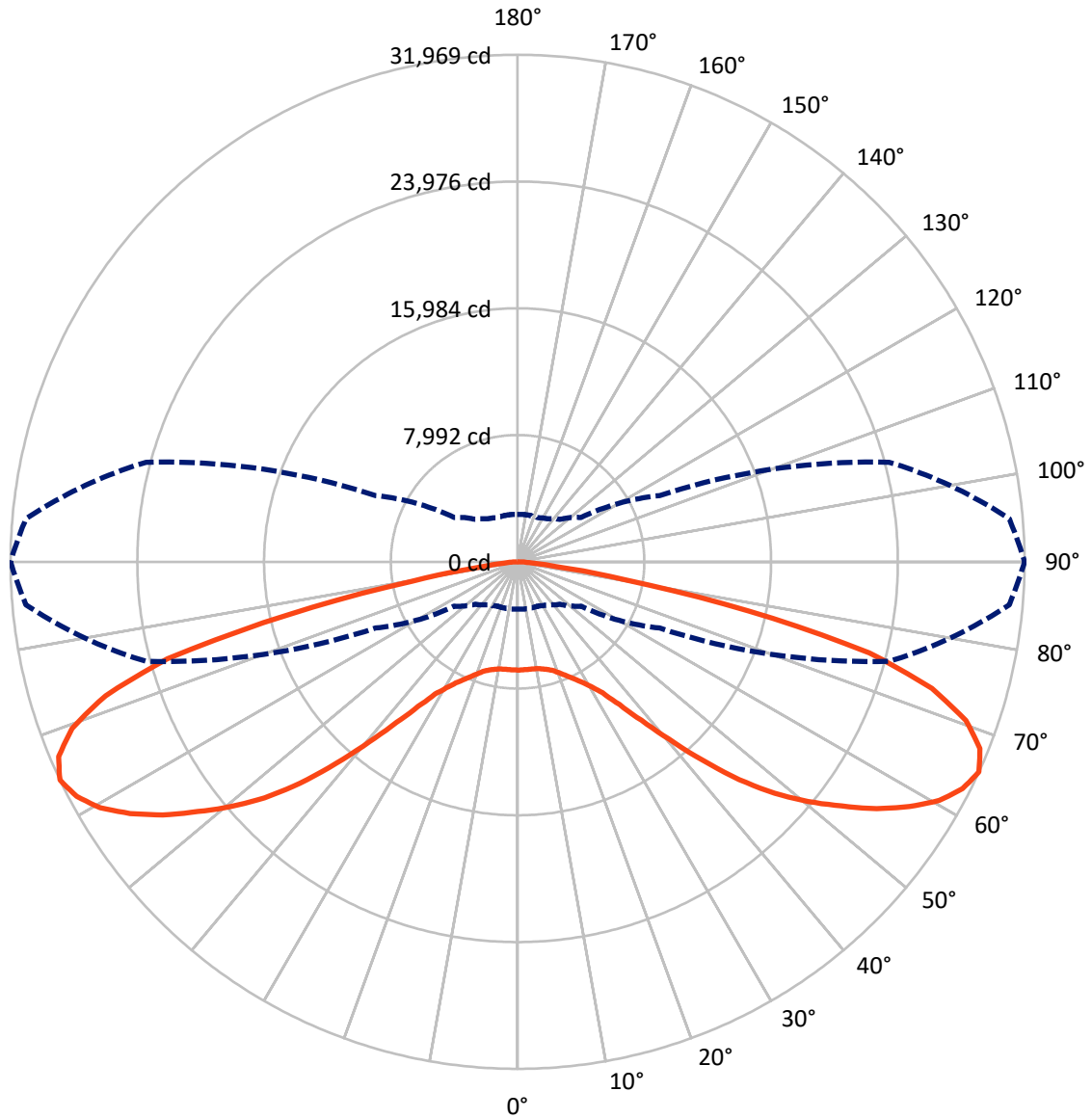
✕ Max cd
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 7.7 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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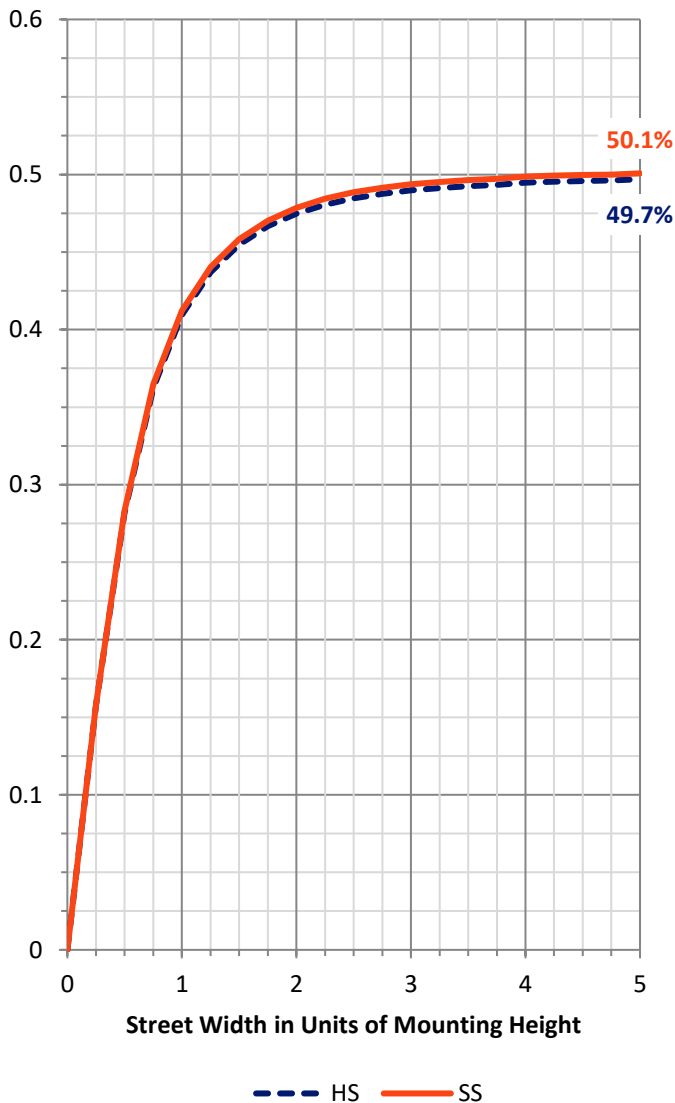
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 20726.0 | 0.0 | 20726.0 |
| | % Fixture | 50.0 | 0.0 | 50.0 |
| Street Side | Lumens | 20726.0 | 0.0 | 20726.0 |
| | % Fixture | 50.0 | 0.0 | 50.0 |
| Total | Lumens | 41452.0 | 0.0 | 41452.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 648.1 | 1.6 |
| 10°-20° | 1912.4 | 4.6 |
| 20°-30° | 3150.2 | 7.6 |
| 30°-40° | 4615.5 | 11.1 |
| 40°-50° | 6824.5 | 16.5 |
| 50°-60° | 8952.0 | 21.6 |
| 60°-70° | 9339.5 | 22.5 |
| 70°-80° | 5369.7 | 13.0 |
| 80°-90° | 640.1 | 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° | 41452.0 | 100.0 |
| 0°-180° | 41452.0 | 100.0 |

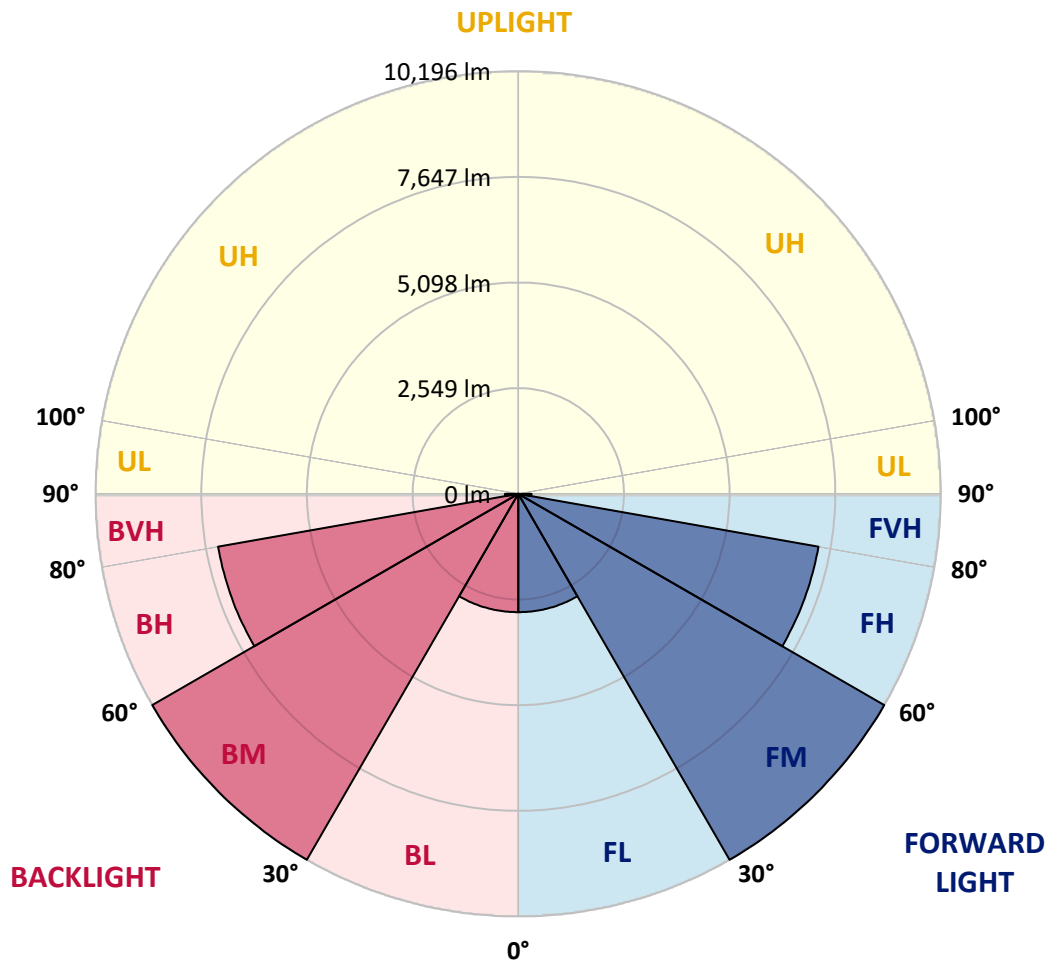


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|---------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 2855.4 | 6.9 | | | |
| FM (30°-60°) | 10196.0 | 24.6 | | | |
| FH (60°-80°) | 7354.6 | 17.7 | | | G3/7500 |
| FVH (80°-90°) | 320.1 | 0.8 | | | G3/500 |
| BL (0°-30°) | 2855.4 | 6.9 | B4/5000 | | |
| BM (30°-60°) | 10196.0 | 24.6 | B5 | | |
| BH (60°-80°) | 7354.6 | 17.7 | B5 | | G5 |
| BVH (80°-90°) | 320.1 | 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-CA8-330-722-U-T1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6829.1 | 6829.1 | 6829.1 | 6829.1 | 6829.1 | 6829.1 | 6829.1 | 6829.1 | 6829.1 | 6829.1 | 6829.1 |
| 2.5° | 6827.5 | 6822.6 | 6821.0 | 6818.6 | 6822.6 | 6825.9 | 6834.0 | 6841.2 | 6839.6 | 6838.0 | 6839.6 |
| 5° | 6789.4 | 6791.8 | 6792.6 | 6793.4 | 6796.7 | 6799.1 | 6810.5 | 6821.8 | 6820.2 | 6818.6 | 6826.7 |
| 7.5° | 6735.9 | 6735.9 | 6734.3 | 6732.7 | 6739.2 | 6744.8 | 6756.2 | 6767.5 | 6776.4 | 6784.5 | 6797.5 |
| 10° | 6658.1 | 6654.9 | 6654.1 | 6653.3 | 6660.6 | 6667.1 | 6688.1 | 6709.2 | 6727.0 | 6744.0 | 6765.9 |
| 12.5° | 6563.4 | 6562.5 | 6564.2 | 6565.8 | 6581.2 | 6596.6 | 6632.2 | 6667.9 | 6703.5 | 6739.2 | 6770.8 |
| 15° | 6450.7 | 6441.0 | 6449.1 | 6456.4 | 6481.5 | 6505.8 | 6574.7 | 6643.6 | 6697.8 | 6751.3 | 6812.9 |
| 17.5° | 6279.0 | 6269.3 | 6281.4 | 6292.7 | 6343.0 | 6393.2 | 6490.4 | 6586.8 | 6688.9 | 6791.0 | 6879.3 |
| 20° | 6018.9 | 6018.9 | 6049.7 | 6080.5 | 6165.5 | 6250.6 | 6384.3 | 6517.2 | 6654.9 | 6792.6 | 6920.6 |
| 22.5° | 5741.8 | 5733.7 | 5799.3 | 5865.0 | 5967.1 | 6068.3 | 6236.8 | 6405.4 | 6587.7 | 6769.1 | 6945.0 |
| 25° | 5429.1 | 5442.9 | 5525.5 | 5607.3 | 5750.7 | 5893.3 | 6100.7 | 6307.3 | 6536.6 | 6765.9 | 7009.8 |
| 27.5° | 5165.0 | 5167.4 | 5267.0 | 5366.7 | 5546.6 | 5725.6 | 5977.6 | 6229.6 | 6509.1 | 6788.6 | 7095.6 |
| 30° | 4891.9 | 4936.5 | 5041.8 | 5146.3 | 5347.3 | 5548.2 | 5852.8 | 6156.6 | 6488.0 | 6819.4 | 7193.7 |
| 32.5° | 4682.1 | 4692.6 | 4811.7 | 4930.0 | 5139.8 | 5349.7 | 5703.7 | 6057.8 | 6455.6 | 6853.4 | 7308.7 |
| 35° | 4484.4 | 4501.4 | 4612.4 | 4723.4 | 4942.2 | 5160.1 | 5548.2 | 5935.5 | 6411.0 | 6885.8 | 7433.5 |
| 37.5° | 4308.6 | 4329.7 | 4435.0 | 4540.3 | 4751.0 | 4961.6 | 5373.2 | 5784.8 | 6342.2 | 6899.6 | 7570.4 |
| 40° | 4179.8 | 4197.6 | 4286.7 | 4375.8 | 4566.2 | 4755.8 | 5186.8 | 5617.0 | 6245.8 | 6874.5 | 7678.2 |
| 42.5° | 4086.6 | 4094.7 | 4166.8 | 4238.9 | 4409.1 | 4579.2 | 5006.2 | 5432.3 | 6120.2 | 6808.0 | 7761.6 |
| 45° | 3960.2 | 3978.0 | 4049.3 | 4119.8 | 4272.9 | 4425.3 | 4815.8 | 5206.3 | 5933.8 | 6660.6 | 7762.4 |
| 47.5° | 3866.2 | 3877.6 | 3944.8 | 4011.3 | 4153.8 | 4296.4 | 4647.3 | 4998.1 | 5723.2 | 6447.5 | 7674.9 |
| 50° | 3797.4 | 3791.7 | 3854.1 | 3915.6 | 4036.4 | 4156.3 | 4469.0 | 4780.9 | 5462.3 | 6143.7 | 7456.2 |
| 52.5° | 3699.3 | 3705.8 | 3756.0 | 3806.3 | 3910.8 | 4014.5 | 4294.8 | 4574.3 | 5173.1 | 5771.0 | 7101.3 |
| 55° | 3568.1 | 3598.1 | 3640.2 | 3681.5 | 3773.1 | 3864.6 | 4116.6 | 4368.5 | 4883.8 | 5398.3 | 6644.4 |
| 57.5° | 3439.3 | 3461.1 | 3496.8 | 3532.4 | 3604.5 | 3675.8 | 3913.2 | 4150.6 | 4579.2 | 5007.8 | 6067.5 |
| 60° | 3333.9 | 3339.6 | 3362.3 | 3384.2 | 3439.3 | 3494.4 | 3690.4 | 3886.5 | 4260.8 | 4634.3 | 5492.3 |
| 62.5° | 3197.8 | 3199.4 | 3214.8 | 3230.2 | 3264.3 | 3297.5 | 3451.4 | 3604.5 | 3923.8 | 4243.0 | 4920.3 |
| 65° | 2984.7 | 2997.7 | 3012.3 | 3026.1 | 3048.7 | 3070.6 | 3188.1 | 3305.6 | 3544.6 | 3783.6 | 4329.7 |
| 67.5° | 2769.2 | 2757.9 | 2774.9 | 2791.9 | 2795.2 | 2798.4 | 2887.5 | 2976.6 | 3172.7 | 3368.8 | 3807.9 |
| 70° | 2418.4 | 2427.3 | 2425.7 | 2423.3 | 2409.5 | 2394.9 | 2457.3 | 2519.7 | 2623.4 | 2726.3 | 3043.9 |
| 72.5° | 1854.5 | 1842.4 | 1811.6 | 1780.0 | 1765.4 | 1750.8 | 1823.7 | 1895.8 | 1972.0 | 2048.2 | 2277.4 |
| 75° | 1133.5 | 1168.3 | 1232.3 | 1295.5 | 1319.8 | 1344.1 | 1340.1 | 1335.2 | 1328.7 | 1322.2 | 1608.2 |
| 77.5° | 768.1 | 786.7 | 801.3 | 815.1 | 850.7 | 885.5 | 926.0 | 966.6 | 965.7 | 964.9 | 1144.8 |
| 80° | 488.5 | 474.0 | 480.4 | 486.9 | 507.2 | 527.4 | 589.0 | 649.8 | 666.8 | 683.0 | 806.9 |
| 82.5° | 306.3 | 308.7 | 316.8 | 324.1 | 301.4 | 278.7 | 326.5 | 373.5 | 414.0 | 453.7 | 511.2 |
| 85° | 198.5 | 225.2 | 221.2 | 217.1 | 190.4 | 163.7 | 205.8 | 247.9 | 267.4 | 286.0 | 307.9 |
| 87.5° | 64.0 | 74.5 | 77.0 | 78.6 | 78.6 | 77.8 | 86.7 | 95.6 | 98.8 | 101.3 | 109.4 |
| 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-CA8-330-722-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° | 6829.1 | 6829.1 | 6829.1 | 6829.1 | 6829.1 | 6829.1 | 6829.1 | 6829.1 |
| 2.5° | 6840.4 | 6832.3 | 6824.2 | 6821.8 | 6819.4 | 6817.8 | 6816.1 | 6814.5 |
| 5° | 6834.0 | 6832.3 | 6830.7 | 6824.2 | 6817.8 | 6816.9 | 6816.1 | 6818.6 |
| 7.5° | 6810.5 | 6810.5 | 6810.5 | 6817.8 | 6825.0 | 6821.8 | 6817.8 | 6822.6 |
| 10° | 6787.0 | 6806.4 | 6825.9 | 6831.5 | 6837.2 | 6841.2 | 6845.3 | 6849.3 |
| 12.5° | 6802.4 | 6835.6 | 6868.0 | 6886.6 | 6905.3 | 6915.0 | 6923.9 | 6926.3 |
| 15° | 6874.5 | 6916.6 | 6958.7 | 6983.8 | 7008.1 | 7024.3 | 7040.6 | 7044.6 |
| 17.5° | 6967.6 | 7032.5 | 7096.5 | 7132.9 | 7169.4 | 7188.0 | 7205.8 | 7200.2 |
| 20° | 7047.8 | 7137.0 | 7226.1 | 7303.9 | 7381.6 | 7424.6 | 7466.7 | 7471.6 |
| 22.5° | 7120.0 | 7269.8 | 7419.7 | 7520.2 | 7619.8 | 7696.0 | 7772.2 | 7780.3 |
| 25° | 7252.8 | 7448.9 | 7645.0 | 7805.4 | 7965.8 | 8035.5 | 8104.3 | 8144.8 |
| 27.5° | 7401.9 | 7664.4 | 7926.9 | 8141.6 | 8356.3 | 8462.4 | 8567.8 | 8573.4 |
| 30° | 7567.2 | 7900.2 | 8232.3 | 8520.8 | 8808.4 | 8938.0 | 9066.8 | 9134.9 |
| 32.5° | 7763.2 | 8186.2 | 8608.3 | 8987.4 | 9366.6 | 9563.5 | 9760.4 | 9829.2 |
| 35° | 7980.4 | 8528.9 | 9076.6 | 9599.1 | 10120.9 | 10497.6 | 10874.4 | 11055.9 |
| 37.5° | 8241.3 | 8939.6 | 9638.0 | 10423.1 | 11208.2 | 11850.7 | 12492.3 | 12675.4 |
| 40° | 8481.9 | 9380.4 | 10278.1 | 11368.6 | 12459.1 | 13478.3 | 14496.7 | 14695.2 |
| 42.5° | 8715.2 | 9802.5 | 10889.8 | 12377.3 | 13864.8 | 15229.1 | 16593.5 | 17109.6 |
| 45° | 8863.5 | 10178.4 | 11492.5 | 13454.0 | 15415.5 | 17288.7 | 19161.0 | 19594.5 |
| 47.5° | 8901.6 | 10446.6 | 11991.6 | 14421.4 | 16851.1 | 19055.7 | 21259.4 | 21816.0 |
| 50° | 8768.7 | 10585.9 | 12403.2 | 15609.9 | 18815.9 | 21060.9 | 23305.1 | 23762.1 |
| 52.5° | 8431.7 | 10541.4 | 12651.1 | 16531.1 | 20411.1 | 22787.4 | 25163.7 | 25578.5 |
| 55° | 7890.4 | 10270.8 | 12651.1 | 17289.5 | 21927.0 | 24391.6 | 26855.4 | 27485.7 |
| 57.5° | 7127.2 | 9753.9 | 12380.5 | 17795.8 | 23211.1 | 25888.0 | 28564.9 | 29131.2 |
| 60° | 6350.3 | 9138.9 | 11926.8 | 18075.3 | 24223.9 | 27059.5 | 29895.2 | 30556.3 |
| 62.5° | 5596.8 | 8303.6 | 11009.7 | 17782.1 | 24554.4 | 27548.1 | 30540.9 | 31492.1 |
| 65° | 4875.7 | 7376.0 | 9876.2 | 17066.7 | 24256.3 | 27686.6 | 31116.2 | 31968.5 |
| 67.5° | 4247.0 | 6600.6 | 8954.2 | 15867.6 | 22780.9 | 26577.5 | 30373.2 | 31435.4 |
| 70° | 3361.5 | 5527.1 | 7692.8 | 13741.6 | 19790.5 | 24236.8 | 28683.2 | 29994.1 |
| 72.5° | 2506.7 | 4343.4 | 6179.3 | 10809.6 | 15439.8 | 20552.9 | 25665.2 | 27314.8 |
| 75° | 1893.4 | 3469.2 | 5045.1 | 8544.3 | 12043.5 | 16372.3 | 20701.2 | 22908.9 |
| 77.5° | 1324.7 | 2506.7 | 3688.0 | 6298.4 | 8908.9 | 11305.4 | 13701.9 | 14878.3 |
| 80° | 930.1 | 1585.5 | 2240.2 | 3496.0 | 4751.0 | 5813.9 | 6876.1 | 6791.8 |
| 82.5° | 567.9 | 843.4 | 1118.1 | 1516.7 | 1915.3 | 2172.1 | 2429.0 | 2417.6 |
| 85° | 329.7 | 401.0 | 471.5 | 584.1 | 696.8 | 824.0 | 951.2 | 845.8 |
| 87.5° | 116.7 | 116.7 | 116.7 | 133.7 | 150.7 | 207.4 | 264.1 | 278.7 |
| 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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 CATALOG NUMBER: CST-CA8-330-722-U-T1

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)