

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: P522195

Luminaire Tested: **CST-CA6-230-760-U-T5R-HSS-HM-EX120**

Issue Date: 5/10/2021

Test Information

Test Method: LM-79-08
Report Number: P522195
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1808-894-6)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/10/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: CST-CA6-230-760-U-T5R-HSS-HM-EX120
Description: CELESTEON HIGH MAST LUMINAIRE
Light Source: (6) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 26457 lumens
Efficiency: N/A
Efficacy: 116.1 lumens/watt
Luminous Opening: Circular (Dia: 2.08' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B4 - U2 - G4

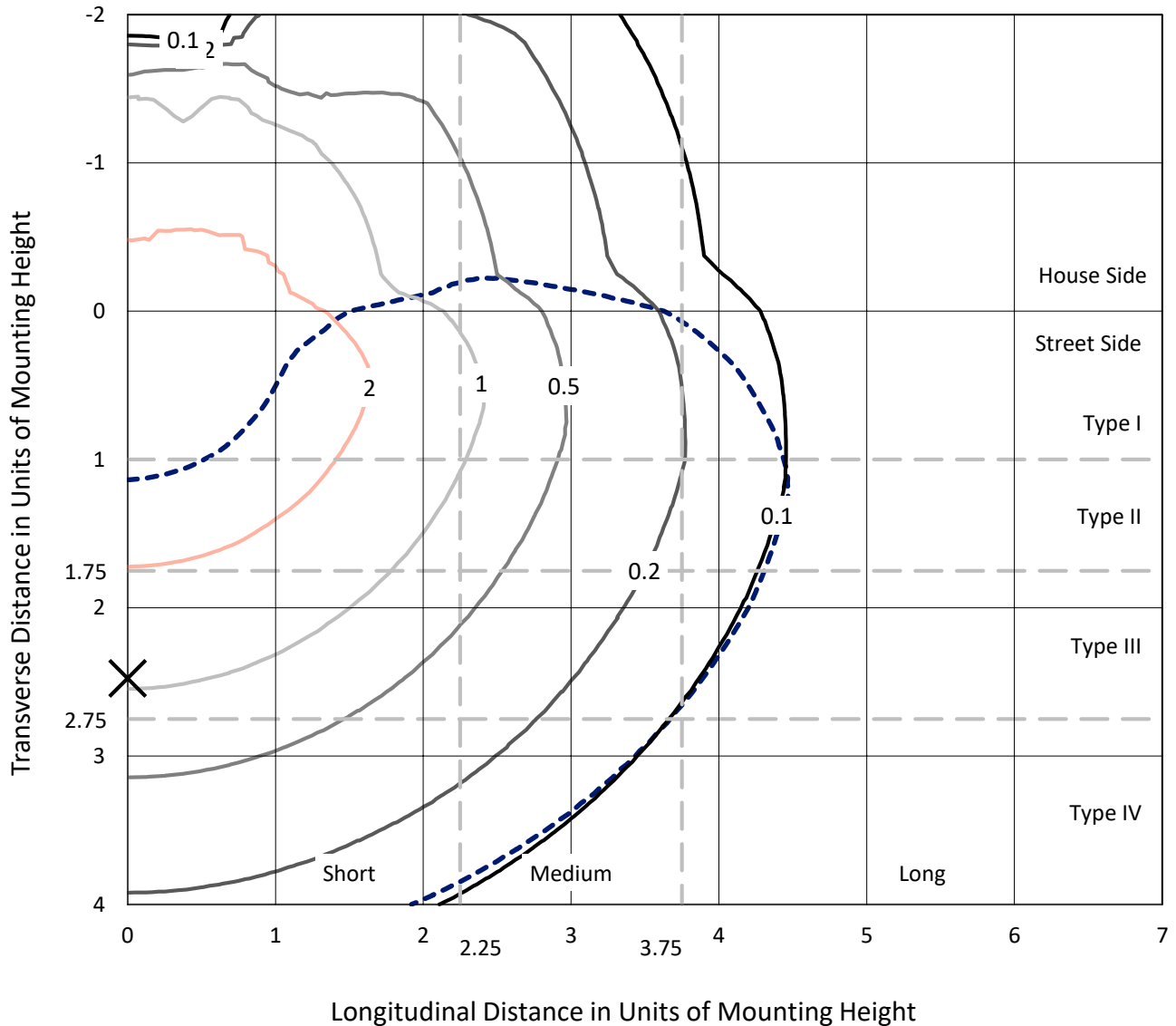
Input Watts (W): 227.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P522195
 CATALOG NUMBER: CST-CA6-230-760-U-T5R-HSS-HM-EX120

Iso-Footcandle Lines of Horizontal Illumination

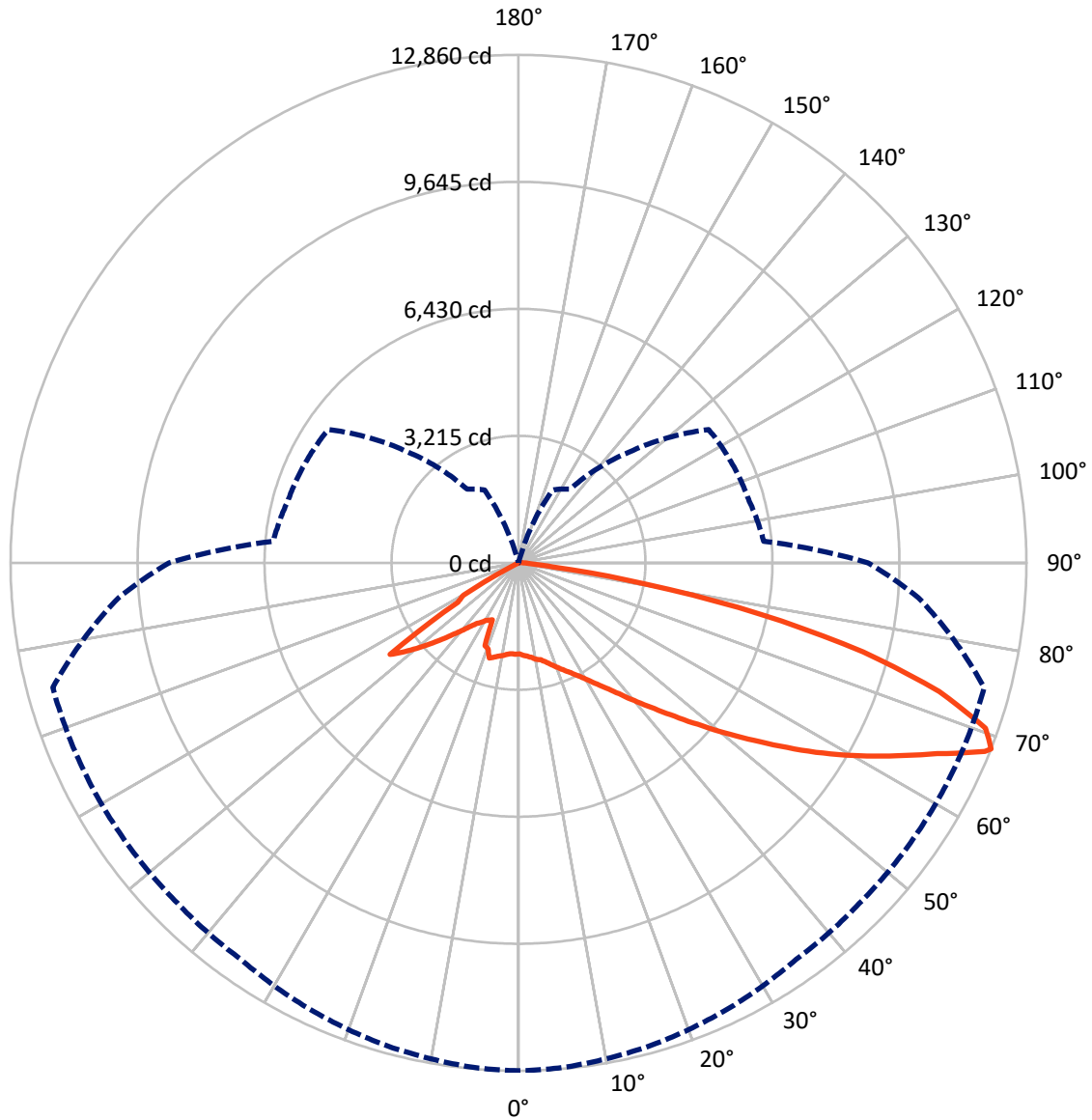
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.8 fc
 Type IV - Short - N/A

REPORT NUMBER: P522195
CATALOG NUMBER: CST-CA6-230-760-U-T5R-HSS-HM-EX120

Luminous Intensity Polar Plot



— Vertical Plane Through 0-Deg Lateral - - - Horizontal Cone Through 68-Deg Vertical

REPORT NUMBER: P522195
 CATALOG NUMBER: CST-CA6-230-760-U-T5R-HSS-HM-EX120

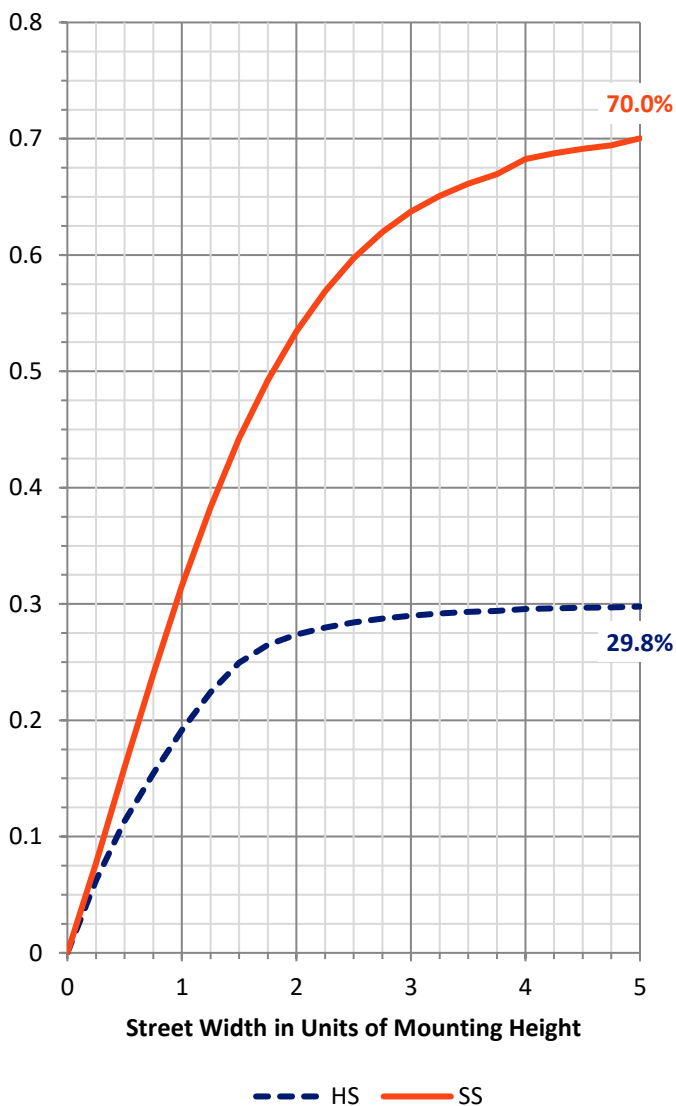
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 7886.5 | 1.2 | 7887.8 |
| | % Fixture | 29.8 | 0.0 | 29.8 |
| Street Side | Lumens | 18558.4 | 10.8 | 18569.2 |
| | % Fixture | 70.1 | 0.0 | 70.2 |
| Total | Lumens | 26444.9 | 12.1 | 26457.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 223.9 | 0.8 |
| 10°-20° | 712.5 | 2.7 |
| 20°-30° | 1220.4 | 4.6 |
| 30°-40° | 1979.8 | 7.5 |
| 40°-50° | 3338.8 | 12.6 |
| 50°-60° | 5442.4 | 20.6 |
| 60°-70° | 7299.2 | 27.6 |
| 70°-80° | 5669.6 | 21.4 |
| 80°-90° | 558.4 | 2.1 |
| 90°-100° | 10.6 | 0.0 |
| 100°-110° | 0.6 | 0.0 |
| 110°-120° | 0.2 | 0.0 |
| 120°-130° | 0.1 | 0.0 |
| 130°-140° | 0.2 | 0.0 |
| 140°-150° | 0.2 | 0.0 |
| 150°-160° | 0.1 | 0.0 |
| 160°-170° | 0.1 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 26444.9 | 100.0 |
| 0°-180° | 26457.0 | 100.0 |

Coefficient of Utilization

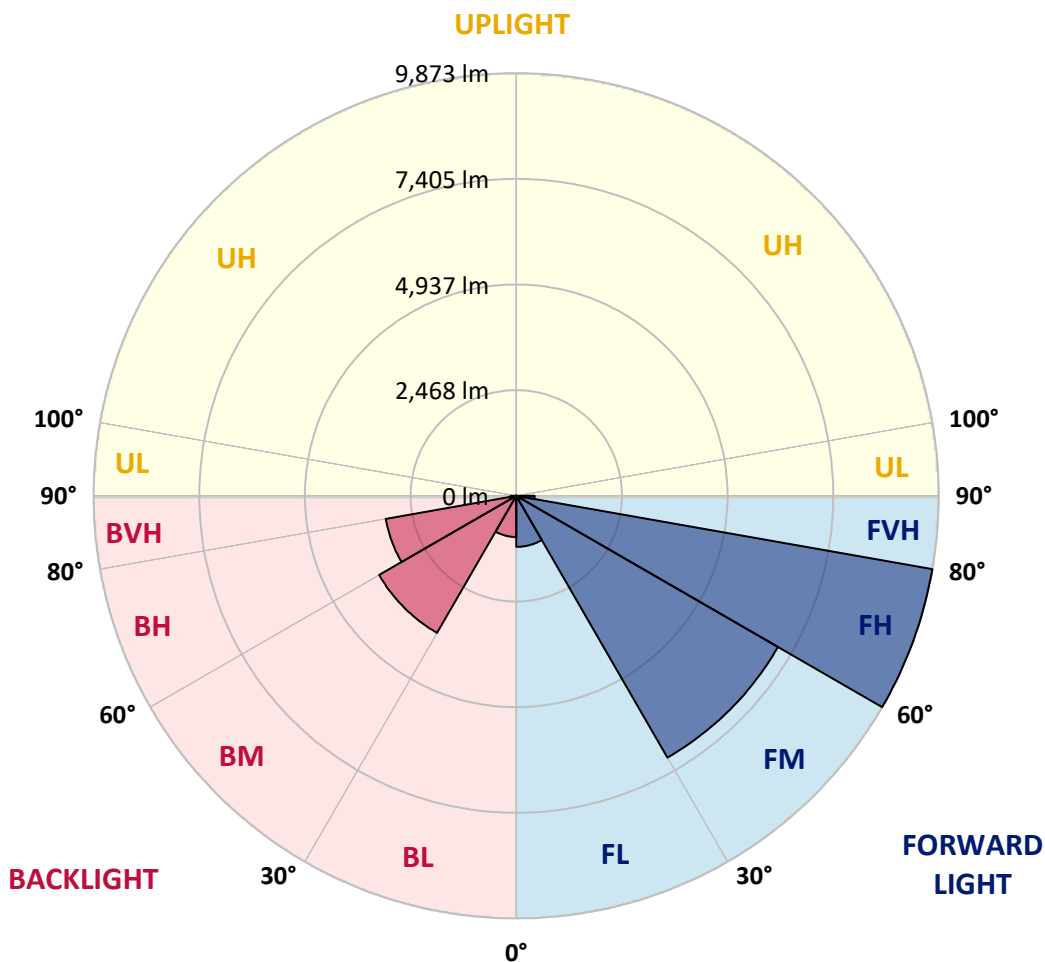


REPORT NUMBER: P522195
 CATALOG NUMBER: CST-CA6-230-760-U-T5R-HSS-HM-EX120

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|-------|----------|
| | | | B | U | G |
| FL (0°-30°) | 1193.4 | 4.5 | | | |
| FM (30°-60°) | 7062.3 | 26.7 | | | |
| FH (60°-80°) | 9873.4 | 37.3 | | | G4/12000 |
| FVH (80°-90°) | 429.3 | 1.6 | | | G3/500 |
| BL (0°-30°) | 963.4 | 3.6 | B2/1000 | | |
| BM (30°-60°) | 3698.8 | 14.0 | B3/5000 | | |
| BH (60°-80°) | 3095.3 | 11.7 | B4/5000 | | G4/5000 |
| BVH (80°-90°) | 129.1 | 0.5 | | | G2/225 |
| UL (90°-100°) | 10.6 | 0.0 | | U2/50 | |
| UH (100°-180°) | 1.5 | 0.0 | | U1/10 | |

BUG Rating: B4-U2-G4
 Type IV Short





REPORT NUMBER: P522195

CATALOG NUMBER: CST-CA6-230-760-U-T5R-HSS-HM-EX120

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|
| 0° | 2306.6 | 2306.6 | 2306.6 | 2306.6 | 2306.6 | 2306.6 | 2306.6 | 2306.6 | 2306.6 | 2306.6 | 2306.6 |
| 2.5° | 2344.9 | 2338.3 | 2337.2 | 2350.3 | 2308.7 | 2329.5 | 2310.9 | 2326.3 | 2316.4 | 2324.1 | 2325.2 |
| 5° | 2376.6 | 2364.6 | 2356.9 | 2372.2 | 2346.0 | 2355.8 | 2335.0 | 2341.6 | 2314.2 | 2329.5 | 2331.7 |
| 7.5° | 2422.5 | 2402.9 | 2400.7 | 2405.0 | 2382.1 | 2389.7 | 2355.8 | 2363.5 | 2343.8 | 2335.0 | 2342.7 |
| 10° | 2484.9 | 2466.3 | 2452.1 | 2461.9 | 2431.3 | 2435.7 | 2399.6 | 2400.7 | 2386.4 | 2370.0 | 2383.2 |
| 12.5° | 2519.9 | 2522.1 | 2515.6 | 2523.2 | 2498.0 | 2483.8 | 2458.7 | 2449.9 | 2435.7 | 2416.0 | 2409.4 |
| 15° | 2607.5 | 2603.1 | 2590.0 | 2602.0 | 2598.7 | 2585.6 | 2554.9 | 2535.2 | 2504.6 | 2493.7 | 2482.7 |
| 17.5° | 2714.7 | 2700.5 | 2689.5 | 2704.8 | 2721.3 | 2693.9 | 2664.4 | 2637.0 | 2596.5 | 2574.6 | 2561.5 |
| 20° | 2827.4 | 2817.6 | 2806.6 | 2830.7 | 2836.2 | 2815.4 | 2793.5 | 2753.0 | 2705.9 | 2677.5 | 2650.1 |
| 22.5° | 2953.2 | 2933.5 | 2936.8 | 2968.5 | 2958.7 | 2948.9 | 2920.4 | 2887.6 | 2830.7 | 2794.6 | 2715.8 |
| 25° | 3083.4 | 3072.5 | 3087.8 | 3102.0 | 3094.4 | 3073.6 | 3059.4 | 3035.3 | 2971.8 | 2928.1 | 2813.2 |
| 27.5° | 3245.4 | 3227.9 | 3247.6 | 3253.0 | 3246.5 | 3241.0 | 3221.3 | 3202.7 | 3133.8 | 3084.5 | 2941.2 |
| 30° | 3435.8 | 3415.0 | 3446.7 | 3439.1 | 3432.5 | 3436.9 | 3424.8 | 3384.3 | 3323.1 | 3256.3 | 3113.0 |
| 32.5° | 3662.3 | 3634.9 | 3671.0 | 3654.6 | 3639.3 | 3669.9 | 3641.5 | 3603.2 | 3531.0 | 3453.3 | 3313.2 |
| 35° | 3924.9 | 3926.0 | 3944.6 | 3917.2 | 3911.7 | 3944.6 | 3926.0 | 3878.9 | 3812.2 | 3731.2 | 3532.1 |
| 37.5° | 4243.3 | 4234.5 | 4281.6 | 4268.5 | 4248.8 | 4292.5 | 4298.0 | 4238.9 | 4118.5 | 4038.7 | 3803.4 |
| 40° | 4630.6 | 4628.4 | 4643.8 | 4645.9 | 4640.5 | 4661.3 | 4671.1 | 4592.3 | 4514.6 | 4394.3 | 3589.0 |
| 42.5° | 5044.2 | 5053.0 | 5080.3 | 5060.6 | 5086.9 | 5114.3 | 5117.5 | 5051.9 | 4940.3 | 4215.9 | 3812.2 |
| 45° | 5541.0 | 5568.4 | 5587.0 | 5582.6 | 5594.6 | 5634.0 | 5637.3 | 5602.3 | 5492.9 | 4567.2 | 4217.0 |
| 47.5° | 6111.1 | 6137.3 | 6142.8 | 6177.8 | 6166.9 | 6222.7 | 6215.0 | 6216.1 | 6099.0 | 5056.3 | 4658.0 |
| 50° | 6766.5 | 6778.5 | 6823.4 | 6843.1 | 6815.7 | 6891.2 | 6871.5 | 6895.6 | 6751.2 | 5616.5 | 5131.8 |
| 52.5° | 7462.4 | 7483.2 | 7501.8 | 7576.2 | 7541.2 | 7606.8 | 7580.6 | 7636.4 | 7469.0 | 6186.6 | 5658.1 |
| 55° | 8253.5 | 8256.8 | 8288.5 | 8364.0 | 8318.1 | 8396.8 | 8358.5 | 8379.3 | 8245.8 | 6816.8 | 6206.3 |
| 57.5° | 9091.7 | 9080.7 | 9092.8 | 9152.9 | 9111.4 | 9170.4 | 9155.1 | 9174.8 | 9050.1 | 7479.9 | 6606.7 |
| 60° | 9921.1 | 9904.6 | 9922.2 | 9962.6 | 9905.7 | 10007.5 | 9952.8 | 9971.4 | 9836.8 | 8157.2 | 7177.9 |
| 62.5° | 10754.8 | 10742.8 | 10723.1 | 10763.6 | 10680.4 | 10733.0 | 10755.9 | 10725.3 | 10607.1 | 8770.0 | 7674.7 |
| 65° | 11649.9 | 11637.8 | 11565.6 | 11590.8 | 11442.0 | 11416.8 | 11425.6 | 11435.4 | 11356.6 | 9377.2 | 8219.6 |
| 67.5° | 12737.5 | 12720.0 | 12584.3 | 12413.6 | 12199.2 | 12152.1 | 12156.5 | 12182.8 | 12193.7 | 10158.5 | 8857.5 |
| 68° | 12860.1 | 12828.3 | 12677.3 | 12479.3 | 12255.0 | 12200.3 | 12194.8 | 12200.3 | 12205.7 | 10165.1 | 8850.9 |
| 70° | 12547.1 | 12535.1 | 12420.2 | 12180.6 | 11950.8 | 11819.5 | 11705.7 | 11701.3 | 11648.8 | 9645.3 | 8361.8 |
| 72.5° | 11134.5 | 11119.2 | 10982.4 | 10812.8 | 10670.6 | 10464.9 | 10317.2 | 10325.9 | 10239.5 | 8524.9 | 7319.1 |
| 75° | 9010.7 | 9009.6 | 8845.5 | 8703.2 | 8705.4 | 8690.1 | 8640.9 | 8727.3 | 8637.6 | 7230.4 | 6242.4 |
| 77.5° | 6279.6 | 6301.5 | 6290.5 | 6207.4 | 6324.4 | 6486.4 | 6662.5 | 6828.9 | 6777.4 | 5711.7 | 4977.5 |
| 80° | 3280.4 | 3341.7 | 3558.3 | 3568.2 | 3650.2 | 3807.8 | 3928.2 | 4039.8 | 4047.4 | 3241.0 | 2875.5 |
| 82.5° | 872.1 | 890.7 | 964.0 | 943.2 | 936.6 | 968.4 | 994.6 | 997.9 | 1000.1 | 844.7 | 788.9 |
| 85° | 271.4 | 279.0 | 270.3 | 258.2 | 239.6 | 218.8 | 213.4 | 174.0 | 137.9 | 113.8 | 99.6 |
| 87.5° | 192.6 | 205.7 | 186.0 | 175.1 | 155.4 | 147.7 | 132.4 | 103.9 | 81.0 | 56.9 | 38.3 |
| 90° | 99.6 | 101.8 | 90.8 | 77.7 | 72.2 | 67.8 | 58.0 | 41.6 | 20.8 | 10.9 | 9.8 |
| 92.5° | 50.3 | 51.4 | 44.9 | 38.3 | 32.8 | 28.4 | 21.9 | 12.0 | 6.6 | 3.3 | 1.1 |
| 95° | 19.7 | 20.8 | 18.6 | 16.4 | 13.1 | 9.8 | 8.8 | 6.6 | 4.4 | 2.2 | 1.1 |
| 97.5° | 6.6 | 6.6 | 6.6 | 5.5 | 5.5 | 5.5 | 5.5 | 4.4 | 3.3 | 2.2 | 1.1 |
| 100° | 0.0 | 0.0 | 0.0 | 1.1 | 2.2 | 3.3 | 3.3 | 3.3 | 2.2 | 1.1 | 1.1 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 2.2 | 2.2 | 2.2 | 1.1 | 1.1 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |



REPORT NUMBER: P522195
 CATALOG NUMBER: CST-CA6-230-760-U-T5R-HSS-HM-EX120

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 1.1 | 1.1 |
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 1.1 |
| 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 | 1.1 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 1.1 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 1.1 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 1.1 | 1.1 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 1.1 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 1.1 | 1.1 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 1.1 | 1.1 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 1.1 | 1.1 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 1.1 | 1.1 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 1.1 | 1.1 | 1.1 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 1.1 | 1.1 | 1.1 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 1.1 | 1.1 | 1.1 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 1.1 | 1.1 | 1.1 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 1.1 | 1.1 | 1.1 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 1.1 | 1.1 | 1.1 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 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: P522195

CATALOG NUMBER: CST-CA6-230-760-U-T5R-HSS-HM-EX120

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2306.6 | 2306.6 | 2306.6 | 2306.6 | 2306.6 | 2306.6 | 2306.6 | 2306.6 | 2306.6 | 2306.6 |
| 2.5° | 2319.7 | 2313.1 | 2316.4 | 2289.1 | 2295.6 | 2278.1 | 2315.3 | 2305.5 | 2301.1 | 2316.4 |
| 5° | 2325.2 | 2301.1 | 2320.8 | 2302.2 | 2305.5 | 2280.3 | 2310.9 | 2298.9 | 2297.8 | 2306.6 |
| 7.5° | 2327.4 | 2315.3 | 2333.9 | 2303.3 | 2313.1 | 2303.3 | 2326.3 | 2314.2 | 2325.2 | 2332.8 |
| 10° | 2358.0 | 2351.4 | 2349.2 | 2338.3 | 2346.0 | 2324.1 | 2352.5 | 2352.5 | 2358.0 | 2378.8 |
| 12.5° | 2402.9 | 2394.1 | 2388.6 | 2368.9 | 2376.6 | 2370.0 | 2393.0 | 2397.4 | 2407.2 | 2416.0 |
| 15° | 2464.1 | 2448.8 | 2443.3 | 2425.8 | 2431.3 | 2430.2 | 2446.6 | 2447.7 | 2469.6 | 2468.5 |
| 17.5° | 2542.9 | 2521.0 | 2527.6 | 2514.5 | 2515.6 | 2506.8 | 2498.0 | 2498.0 | 2517.7 | 2522.1 |
| 20° | 2637.0 | 2512.3 | 2348.1 | 2256.2 | 2239.8 | 2251.9 | 2298.9 | 2376.6 | 2279.2 | 2306.6 |
| 22.5° | 2467.4 | 2354.7 | 2347.0 | 2326.3 | 2313.1 | 2019.9 | 1944.4 | 1920.3 | 2046.1 | 2262.8 |
| 25° | 2489.3 | 2441.1 | 2426.9 | 2400.7 | 2013.3 | 2010.0 | 1988.2 | 1952.0 | 1595.3 | 1587.7 |
| 27.5° | 2605.3 | 2558.2 | 2535.2 | 2103.0 | 2094.3 | 2093.2 | 2060.4 | 1698.2 | 1616.1 | 1627.1 |
| 30° | 2741.0 | 2686.2 | 2274.8 | 2209.2 | 2201.5 | 2184.0 | 1995.8 | 1677.4 | 1676.3 | 1677.4 |
| 32.5° | 2897.4 | 2715.8 | 2340.5 | 2337.2 | 2341.6 | 2288.0 | 1768.2 | 1761.7 | 1760.6 | 1771.5 |
| 35° | 3111.9 | 2519.9 | 2504.6 | 2521.0 | 2498.0 | 1978.3 | 1874.4 | 1871.1 | 1872.2 | 1866.7 |
| 37.5° | 2969.6 | 2716.9 | 2713.6 | 2713.6 | 2660.0 | 2024.3 | 2003.5 | 2018.8 | 2016.6 | 2008.9 |
| 40° | 3029.8 | 2955.4 | 2935.7 | 2929.2 | 2248.6 | 2184.0 | 2172.0 | 2191.7 | 2195.0 | 2200.4 |
| 42.5° | 3322.0 | 3254.1 | 3244.3 | 3166.6 | 2446.6 | 2425.8 | 2388.6 | 2409.4 | 2407.2 | 2413.8 |
| 45° | 3680.9 | 3634.9 | 3592.2 | 2745.3 | 2713.6 | 2687.3 | 2649.0 | 2673.1 | 2679.7 | 2675.3 |
| 47.5° | 4098.9 | 4048.5 | 3740.0 | 3018.9 | 3017.8 | 2997.0 | 2954.3 | 2974.0 | 2970.7 | 2970.7 |
| 50° | 4519.0 | 4464.3 | 3397.5 | 3366.8 | 3355.9 | 3323.1 | 3288.1 | 3291.3 | 3292.4 | 3303.4 |
| 52.5° | 4988.4 | 3987.2 | 3760.7 | 3699.5 | 3708.2 | 3686.3 | 3652.4 | 2765.0 | 3636.0 | 3645.9 |
| 55° | 4662.4 | 4173.3 | 4160.1 | 4079.2 | 4099.9 | 4071.5 | 4049.6 | 2727.8 | 3616.3 | 3996.0 |
| 57.5° | 4609.8 | 4574.8 | 4563.9 | 4480.7 | 4507.0 | 4236.7 | 4439.1 | 2985.0 | 2501.3 | 1827.3 |
| 60° | 5011.4 | 4974.2 | 4967.6 | 4894.3 | 4892.1 | 3366.8 | 4035.4 | 2047.2 | 1599.7 | 1610.7 |
| 62.5° | 5400.9 | 5340.8 | 5357.2 | 5270.7 | 3715.9 | 2051.6 | 1808.7 | 46.0 | 73.3 | 77.7 |
| 65° | 5835.3 | 5734.7 | 5751.1 | 5671.2 | 3833.0 | 2163.2 | 1955.3 | 24.1 | 20.8 | 19.7 |
| 67.5° | 6253.3 | 6077.2 | 5992.9 | 5908.6 | 3980.7 | 2278.1 | 2037.4 | 6.6 | 0.0 | 0.0 |
| 68° | 6232.5 | 6046.5 | 5960.1 | 5880.2 | 3965.4 | 2274.8 | 2033.0 | 6.6 | 0.0 | 0.0 |
| 70° | 5881.3 | 5713.9 | 5631.8 | 5570.5 | 3785.9 | 2197.1 | 1950.9 | 6.6 | 0.0 | 0.0 |
| 72.5° | 5141.6 | 5048.6 | 4996.1 | 4942.5 | 3363.6 | 1965.2 | 1749.6 | 6.6 | 0.0 | 0.0 |
| 75° | 4369.1 | 4342.9 | 4310.0 | 4191.9 | 2803.3 | 1608.5 | 1437.8 | 6.6 | 0.0 | 0.0 |
| 77.5° | 3462.0 | 3460.9 | 3381.1 | 3242.1 | 2110.7 | 1180.6 | 1060.3 | 5.5 | 0.0 | 0.0 |
| 80° | 1872.2 | 2040.7 | 1979.4 | 1908.3 | 1197.0 | 642.3 | 611.7 | 4.4 | 0.0 | 0.0 |
| 82.5° | 526.3 | 497.9 | 478.2 | 447.5 | 251.7 | 140.1 | 136.8 | 4.4 | 0.0 | 0.0 |
| 85° | 73.3 | 81.0 | 89.7 | 101.8 | 58.0 | 37.2 | 32.8 | 2.2 | 0.0 | 0.0 |
| 87.5° | 41.6 | 47.1 | 58.0 | 60.2 | 21.9 | 17.5 | 5.5 | 0.0 | 0.0 | 0.0 |
| 90° | 8.8 | 9.8 | 10.9 | 10.9 | 4.4 | 4.4 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 0.0 | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 1.1 | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 1.1 | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 1.1 | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 1.1 | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 1.1 | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 1.1 | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P522195
 CATALOG NUMBER: CST-CA6-230-760-U-T5R-HSS-HM-EX120

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-----|------|------|------|------|------|------|------|------|------|
| 110° | 1.1 | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 112.5° | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 1.1 | 1.1 | 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 |

(END OF REPORT)