

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: INVUE

Report Number: P152190

Luminaire Tested: **VXS-E06-LED-E1-SL4**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P152190  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33680)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: VXS-E06-LED-E1-SL4  
Description: VISION SITE SMALL LED LUMINAIRE  
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 4 W/ SPILL LIGHT CONTROL  
Light Source: (126) 4000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 17724.7 lumens  
Efficiency: N/A  
Efficacy: 117.8 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short - Full Cutoff  
BUG Rating: B3 - U0 - G3

Input Watts (W): 150.5  
Input Voltage (V): NR  
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



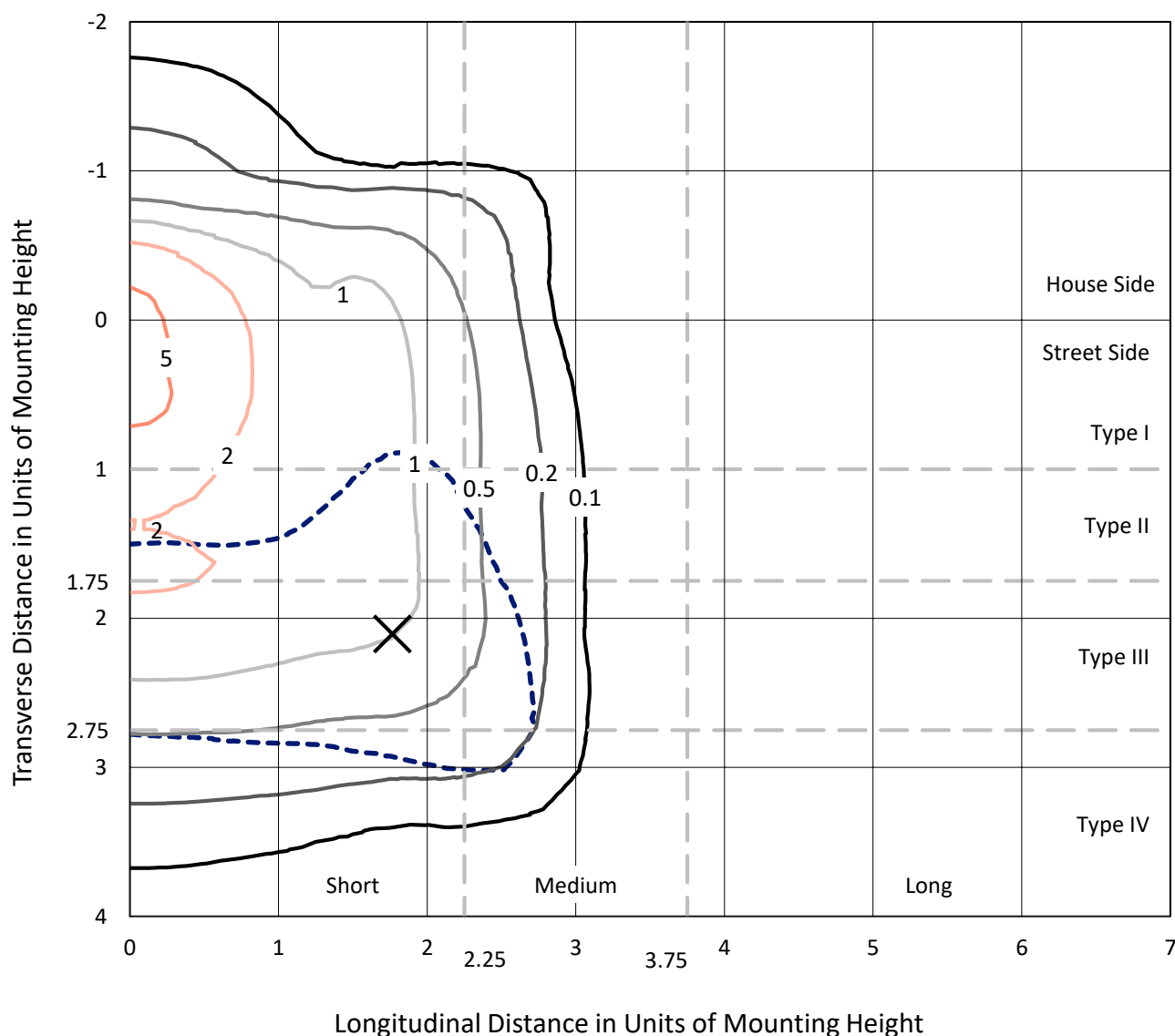
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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

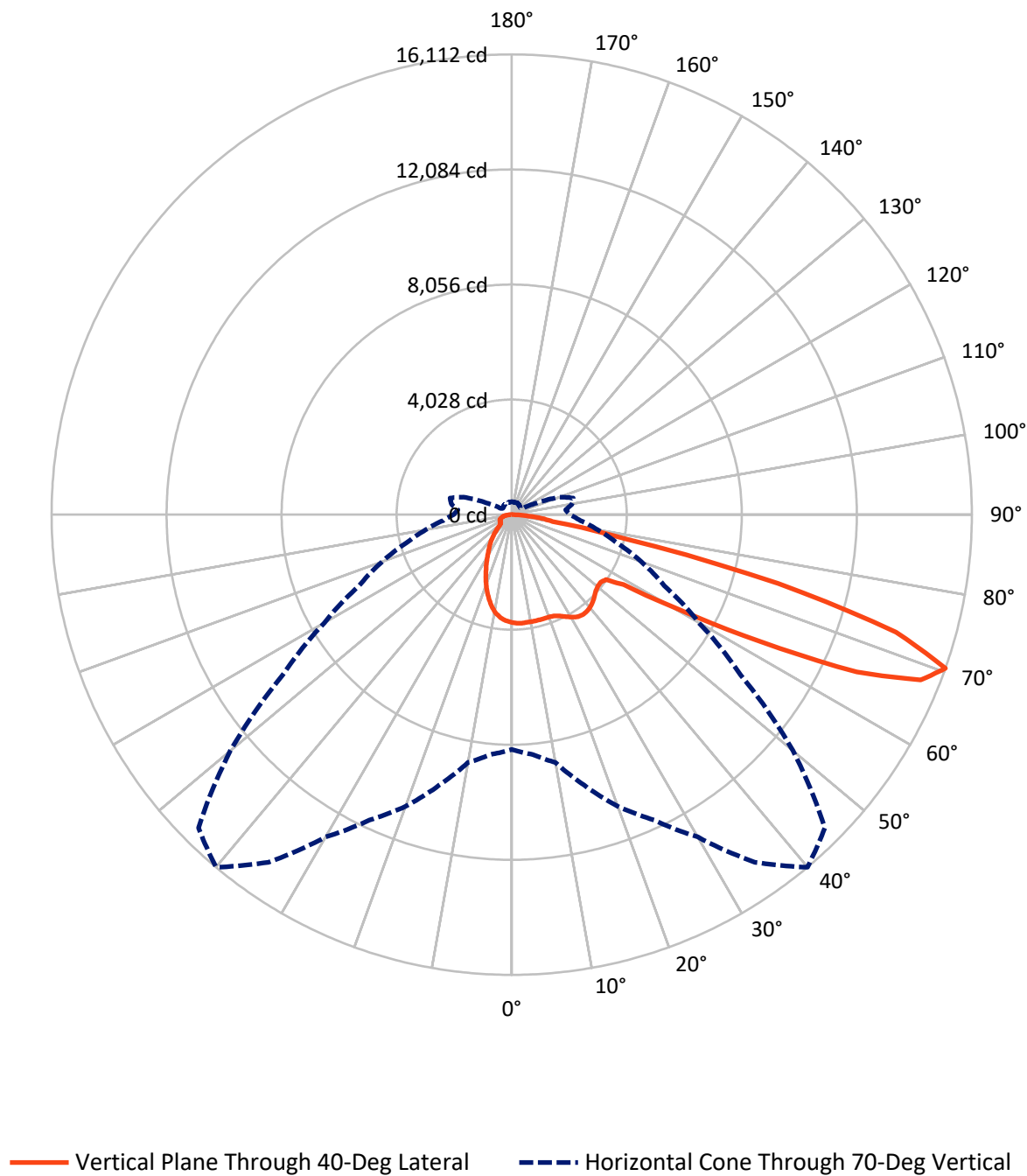


Based on 25 foot mounting height. Maximum calculated value = 6.1 fc  
Type IV - Short - Full Cutoff

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## Luminous Intensity Polar Plot



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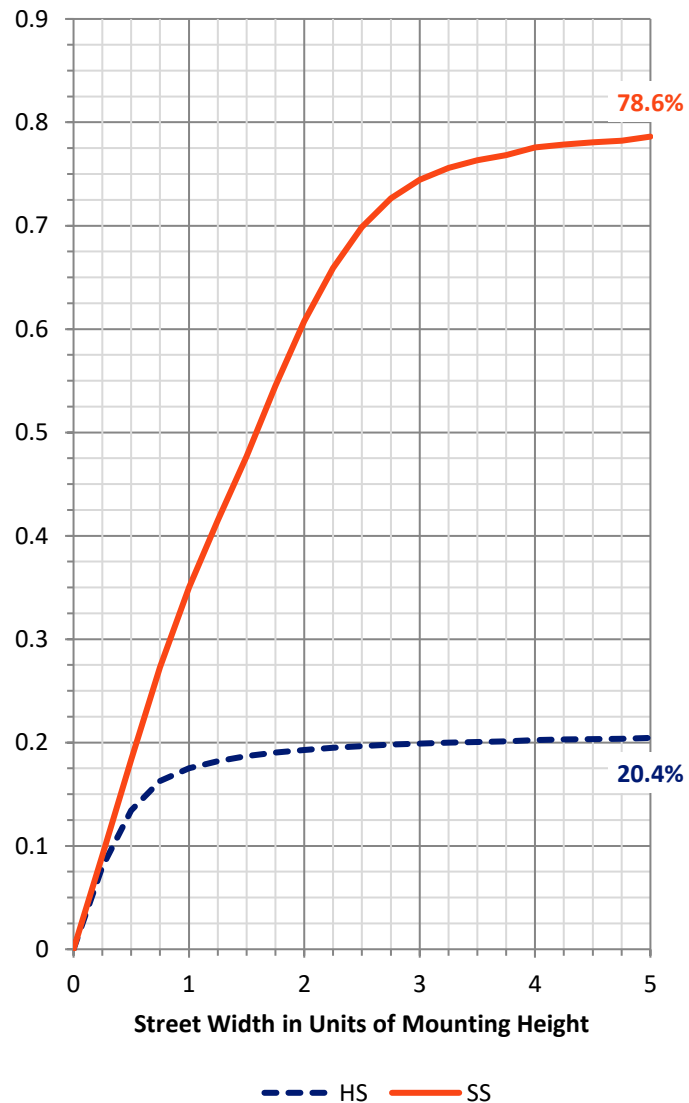
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 3679.5   | 0.0    | 3679.5  |
|                    | % Fixture | 20.8     | 0.0    | 20.8    |
| <b>Street Side</b> | Lumens    | 14045.2  | 0.0    | 14045.2 |
|                    | % Fixture | 79.2     | 0.0    | 79.2    |
| <b>Total</b>       | Lumens    | 17724.7  | 0.0    | 17724.7 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 353.3   | 2.0       |
| 10°-20°   | 967.2   | 5.5       |
| 20°-30°   | 1431.8  | 8.1       |
| 30°-40°   | 1809.5  | 10.2      |
| 40°-50°   | 2046.4  | 11.5      |
| 50°-60°   | 2912.1  | 16.4      |
| 60°-70°   | 5423.5  | 30.6      |
| 70°-80°   | 2485.6  | 14.0      |
| 80°-90°   | 295.1   | 1.7       |
| 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°    | 17724.7 | 100.0     |
| 0°-180°   | 17724.7 | 100.0     |

**Coefficient of Utilization**



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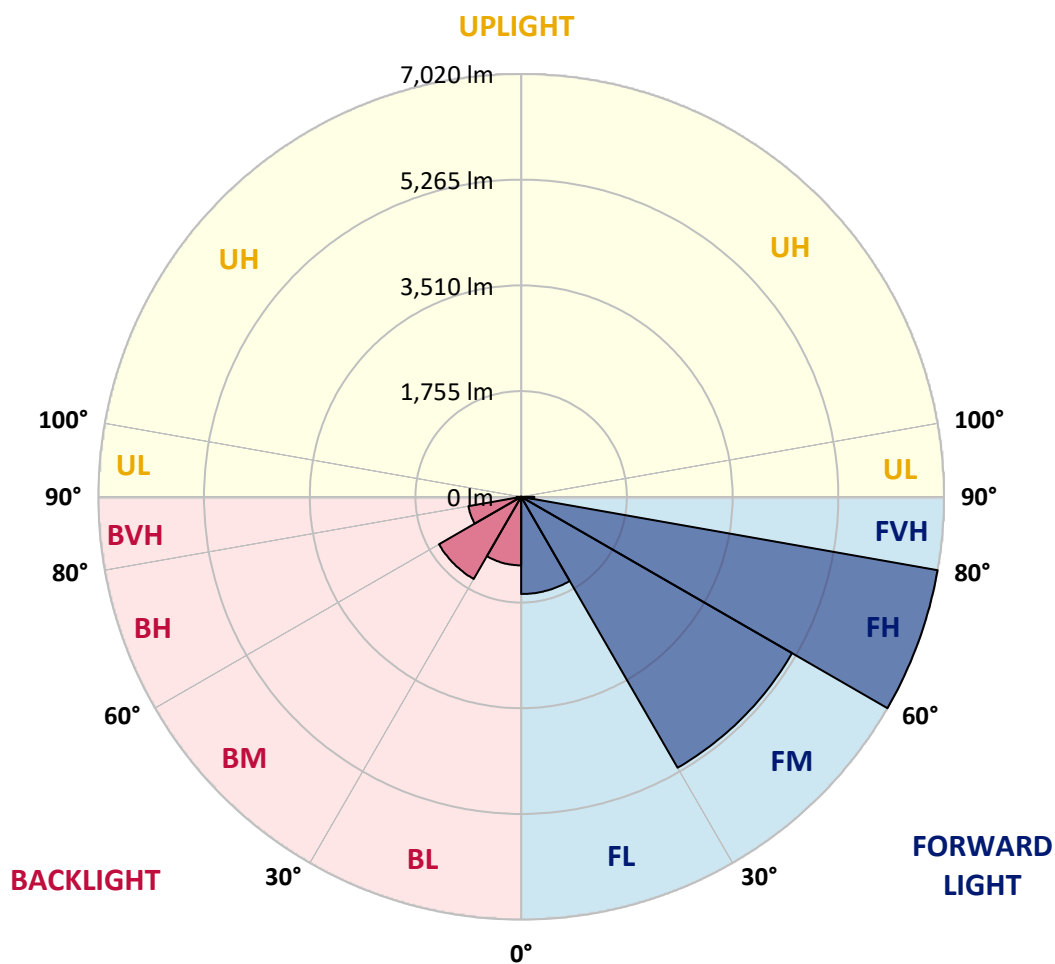
CATALOG NUMBER: VXS-E06-LED-E1-SL4

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 1614.0 | 9.1       |                         |      |         |
| FM   | (30°-60°)   | 5192.7 | 29.3      |                         |      |         |
| FH   | (60°-80°)   | 7019.7 | 39.6      |                         |      | G3/7500 |
| FVH  | (80°-90°)   | 218.9  | 1.2       |                         |      | G2/225  |
| BL   | (0°-30°)    | 1138.5 | 6.4       | B3/2500                 |      |         |
| BM   | (30°-60°)   | 1575.3 | 8.9       | B2/2500                 |      |         |
| BH   | (60°-80°)   | 889.5  | 5.0       | B2/1000                 |      | G2/1000 |
| BVH  | (80°-90°)   | 76.2   | 0.4       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B3-U0-G3**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 5°      | 10°     | 15°     | 20°     | 25°     | 30°     | 35°     | 40°     | 45°     | 50°     |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 3782.0  | 3782.0  | 3782.0  | 3782.0  | 3782.0  | 3782.0  | 3782.0  | 3782.0  | 3782.0  | 3782.0  | 3782.0  |
| 2.5°  | 3840.0  | 3849.9  | 3838.0  | 3836.0  | 3836.0  | 3834.0  | 3822.0  | 3820.0  | 3804.0  | 3806.0  | 3809.9  |
| 5°    | 3868.0  | 3872.0  | 3864.0  | 3862.0  | 3858.0  | 3849.9  | 3840.0  | 3828.0  | 3816.0  | 3804.0  | 3794.0  |
| 7.5°  | 3896.0  | 3892.0  | 3886.0  | 3886.0  | 3880.0  | 3868.0  | 3848.0  | 3832.0  | 3806.0  | 3792.0  | 3774.0  |
| 10°   | 3936.0  | 3929.9  | 3922.0  | 3918.0  | 3908.0  | 3889.9  | 3862.0  | 3840.0  | 3808.0  | 3780.0  | 3750.1  |
| 12.5° | 3974.0  | 3972.0  | 3960.0  | 3954.0  | 3938.0  | 3920.0  | 3886.0  | 3852.0  | 3809.9  | 3766.0  | 3726.0  |
| 15°   | 4042.0  | 4034.0  | 4022.0  | 4009.9  | 3984.0  | 3960.0  | 3908.0  | 3868.0  | 3808.0  | 3750.1  | 3688.0  |
| 17.5° | 4160.0  | 4146.0  | 4134.0  | 4108.0  | 4076.0  | 4034.0  | 3958.0  | 3889.9  | 3808.0  | 3724.0  | 3654.0  |
| 20°   | 4376.0  | 4346.0  | 4329.9  | 4296.0  | 4240.0  | 4164.0  | 4046.0  | 3936.0  | 3814.0  | 3706.0  | 3612.0  |
| 22.5° | 4620.0  | 4600.0  | 4578.0  | 4556.0  | 4468.0  | 4358.0  | 4198.0  | 4034.0  | 3849.9  | 3698.0  | 3578.0  |
| 25°   | 4894.0  | 4868.0  | 4856.0  | 4818.0  | 4736.0  | 4609.9  | 4392.0  | 4164.0  | 3932.0  | 3729.9  | 3578.0  |
| 27.5° | 5138.0  | 5129.9  | 5128.0  | 5084.0  | 5006.0  | 4858.0  | 4600.0  | 4326.0  | 4044.0  | 3796.0  | 3608.0  |
| 30°   | 5360.0  | 5352.0  | 5348.0  | 5324.0  | 5234.0  | 5058.0  | 4778.0  | 4470.1  | 4166.0  | 3888.0  | 3664.0  |
| 32.5° | 5596.0  | 5569.9  | 5558.0  | 5512.0  | 5409.9  | 5204.0  | 4884.0  | 4564.0  | 4262.0  | 3978.0  | 3726.0  |
| 35°   | 5788.0  | 5766.0  | 5742.0  | 5676.0  | 5532.0  | 5288.0  | 4929.9  | 4596.0  | 4300.0  | 4028.0  | 3758.0  |
| 37.5° | 5928.0  | 5906.0  | 5872.0  | 5788.0  | 5609.9  | 5316.0  | 4928.0  | 4586.0  | 4286.0  | 4020.0  | 3764.0  |
| 40°   | 5989.9  | 5968.0  | 5932.0  | 5826.0  | 5624.0  | 5300.0  | 4889.9  | 4540.0  | 4244.0  | 3978.0  | 3740.0  |
| 42.5° | 5966.0  | 5950.1  | 5904.0  | 5802.0  | 5580.0  | 5228.0  | 4814.0  | 4454.0  | 4164.0  | 3910.1  | 3686.0  |
| 45°   | 5874.0  | 5862.0  | 5818.0  | 5710.1  | 5480.0  | 5112.0  | 4702.0  | 4346.0  | 4068.0  | 3826.0  | 3614.0  |
| 47.5° | 5736.0  | 5732.0  | 5688.0  | 5582.0  | 5354.0  | 4996.0  | 4586.0  | 4240.0  | 3972.0  | 3744.0  | 3554.0  |
| 50°   | 5584.0  | 5564.0  | 5542.0  | 5444.0  | 5236.0  | 4896.0  | 4502.0  | 4174.0  | 3918.0  | 3714.0  | 3528.0  |
| 52.5° | 5488.0  | 5482.0  | 5462.0  | 5374.0  | 5174.0  | 4838.0  | 4464.0  | 4150.1  | 3914.0  | 3708.0  | 3514.0  |
| 55°   | 6340.0  | 6354.0  | 6169.9  | 5788.0  | 5452.0  | 4998.0  | 4578.0  | 4272.0  | 4012.0  | 3804.0  | 3662.0  |
| 57.5° | 9378.0  | 9316.0  | 9000.0  | 8242.0  | 7386.0  | 6256.0  | 5442.0  | 4948.0  | 4626.0  | 4662.0  | 4734.0  |
| 60°   | 10926.0 | 10914.0 | 10856.0 | 10562.0 | 9992.0  | 9132.0  | 8178.0  | 7084.0  | 6736.0  | 6774.0  | 6802.0  |
| 62.5° | 11618.0 | 11636.0 | 11680.0 | 11569.9 | 11420.0 | 11169.9 | 10694.0 | 10254.0 | 9788.0  | 9614.0  | 9148.0  |
| 65°   | 11938.0 | 11969.9 | 12070.1 | 12132.0 | 12190.1 | 12234.0 | 12422.0 | 12938.0 | 13278.0 | 12642.0 | 11162.0 |
| 67.5° | 11276.0 | 11429.9 | 11760.0 | 12082.0 | 12369.9 | 12780.0 | 13416.0 | 14614.0 | 15448.0 | 14666.0 | 12520.0 |
| 70°   | 8220.0  | 8430.1  | 8808.0  | 9804.0  | 10868.0 | 11798.0 | 13029.9 | 14854.0 | 16112.0 | 15508.0 | 12856.0 |
| 72.5° | 5154.0  | 5212.0  | 5380.0  | 5746.0  | 6536.0  | 7729.9  | 9884.0  | 12620.0 | 14072.0 | 13590.1 | 10866.0 |
| 75°   | 3269.9  | 3289.9  | 3284.0  | 3368.0  | 3502.0  | 3762.0  | 4614.0  | 7454.0  | 9640.0  | 8888.0  | 6056.0  |
| 77.5° | 1948.0  | 1978.0  | 1990.1  | 2016.0  | 2080.0  | 2172.0  | 2242.0  | 2536.0  | 4042.0  | 3924.0  | 2198.0  |
| 80°   | 1632.0  | 1656.0  | 1636.0  | 1630.1  | 1590.1  | 1562.0  | 1596.0  | 1562.0  | 1449.9  | 1396.0  | 1286.0  |
| 82.5° | 864.0   | 862.0   | 856.0   | 914.0   | 1032.0  | 1124.0  | 1194.0  | 1178.0  | 1066.0  | 908.0   | 769.9   |
| 85°   | 474.0   | 489.9   | 489.9   | 510.1   | 492.0   | 494.0   | 510.1   | 538.0   | 498.0   | 416.0   | 340.0   |
| 87.5° | 40.0    | 62.0    | 49.9    | 62.0    | 84.0    | 60.0    | 58.0    | 58.0    | 49.9    | 36.0    | 32.0    |
| 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):**

|       | 55°     | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|-------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3782.0  | 3782.0 | 3782.0 | 3782.0 | 3782.0 | 3782.0 | 3782.0 | 3782.0 | 3782.0 | 3782.0 | 3782.0 |
| 2.5°  | 3800.0  | 3796.0 | 3788.0 | 3782.0 | 3782.0 | 3772.0 | 3766.0 | 3762.0 | 3760.0 | 3752.0 | 3752.0 |
| 5°    | 3788.0  | 3774.0 | 3760.0 | 3750.1 | 3744.0 | 3734.0 | 3718.0 | 3710.1 | 3700.0 | 3692.0 | 3688.0 |
| 7.5°  | 3762.0  | 3736.0 | 3714.0 | 3698.0 | 3678.0 | 3662.0 | 3642.0 | 3624.0 | 3606.0 | 3598.0 | 3594.0 |
| 10°   | 3722.0  | 3688.0 | 3654.0 | 3624.0 | 3596.0 | 3568.0 | 3542.0 | 3516.0 | 3494.0 | 3478.0 | 3462.0 |
| 12.5° | 3684.0  | 3632.0 | 3588.0 | 3544.0 | 3500.0 | 3466.0 | 3430.1 | 3392.0 | 3360.0 | 3329.9 | 3322.0 |
| 15°   | 3632.0  | 3572.0 | 3516.0 | 3462.0 | 3408.0 | 3352.0 | 3308.0 | 3266.0 | 3214.0 | 3180.0 | 3154.0 |
| 17.5° | 3584.0  | 3512.0 | 3444.0 | 3380.0 | 3314.0 | 3256.0 | 3190.1 | 3134.0 | 3082.0 | 3030.1 | 2992.0 |
| 20°   | 3532.0  | 3454.0 | 3382.0 | 3310.1 | 3238.0 | 3164.0 | 3088.0 | 3016.0 | 2952.0 | 2889.9 | 2828.0 |
| 22.5° | 3486.0  | 3406.0 | 3336.0 | 3258.0 | 3178.0 | 3094.0 | 3006.0 | 2916.0 | 2842.0 | 2762.0 | 2689.9 |
| 25°   | 3458.0  | 3369.9 | 3298.0 | 3222.0 | 3134.0 | 3042.0 | 2942.0 | 2836.0 | 2746.0 | 2654.0 | 2568.0 |
| 27.5° | 3458.0  | 3344.0 | 3269.9 | 3194.0 | 3104.0 | 3006.0 | 2896.0 | 2780.0 | 2678.0 | 2576.0 | 2469.9 |
| 30°   | 3488.0  | 3348.0 | 3248.0 | 3168.0 | 3076.0 | 2969.9 | 2848.0 | 2726.0 | 2614.0 | 2494.0 | 2392.0 |
| 32.5° | 3516.0  | 3356.0 | 3232.0 | 3129.9 | 3024.0 | 2920.0 | 2796.0 | 2666.0 | 2542.0 | 2428.0 | 2320.0 |
| 35°   | 3534.0  | 3356.0 | 3202.0 | 3072.0 | 2952.0 | 2849.9 | 2728.0 | 2598.0 | 2472.0 | 2360.0 | 2260.0 |
| 37.5° | 3536.0  | 3340.0 | 3154.0 | 3006.0 | 2880.0 | 2774.0 | 2658.0 | 2536.0 | 2416.0 | 2312.0 | 2228.0 |
| 40°   | 3516.0  | 3308.0 | 3106.0 | 2936.0 | 2804.0 | 2696.0 | 2590.1 | 2480.0 | 2372.0 | 2286.0 | 2214.0 |
| 42.5° | 3480.0  | 3274.0 | 3060.0 | 2880.0 | 2742.0 | 2630.1 | 2532.0 | 2438.0 | 2344.0 | 2269.9 | 2209.9 |
| 45°   | 3426.0  | 3228.0 | 3018.0 | 2846.0 | 2710.1 | 2592.0 | 2496.0 | 2418.0 | 2338.0 | 2276.0 | 2216.0 |
| 47.5° | 3378.0  | 3212.0 | 3032.0 | 2868.0 | 2726.0 | 2604.0 | 2506.0 | 2440.0 | 2378.0 | 2336.0 | 2254.0 |
| 50°   | 3368.0  | 3204.0 | 3038.0 | 2886.0 | 2742.0 | 2618.0 | 2532.0 | 2498.0 | 2480.0 | 2454.0 | 2328.0 |
| 52.5° | 3340.0  | 3202.0 | 3082.0 | 2998.0 | 2906.0 | 2848.0 | 2758.0 | 2790.1 | 2769.9 | 2678.0 | 2449.9 |
| 55°   | 3634.0  | 3674.0 | 3786.0 | 3946.0 | 4094.0 | 4128.0 | 4118.0 | 4080.0 | 3878.0 | 3336.0 | 2744.0 |
| 57.5° | 4996.0  | 5222.0 | 5434.0 | 5528.0 | 5516.0 | 5409.9 | 5334.0 | 5180.0 | 4888.0 | 4228.0 | 3324.0 |
| 60°   | 6888.0  | 6924.0 | 6812.0 | 6646.0 | 6366.0 | 6132.0 | 5882.0 | 5594.0 | 5169.9 | 4524.0 | 3680.0 |
| 62.5° | 8629.9  | 8146.0 | 7648.0 | 7180.0 | 6754.0 | 6382.0 | 6034.0 | 5632.0 | 5080.0 | 4406.0 | 3634.0 |
| 65°   | 9860.0  | 8836.0 | 8049.9 | 7378.0 | 6776.0 | 6256.0 | 5822.0 | 5300.0 | 4678.0 | 4070.1 | 3368.0 |
| 67.5° | 10494.0 | 8924.0 | 7718.0 | 6782.0 | 5928.0 | 5208.0 | 4630.1 | 4122.0 | 3660.0 | 3394.0 | 2948.0 |
| 70°   | 9786.0  | 7574.0 | 5894.0 | 4836.0 | 3814.0 | 3058.0 | 2416.0 | 2028.0 | 1894.0 | 2146.0 | 2232.0 |
| 72.5° | 7292.0  | 4929.9 | 3506.0 | 2712.0 | 2078.0 | 1656.0 | 1270.1 | 998.0  | 812.0  | 852.0  | 1106.0 |
| 75°   | 3448.0  | 2128.0 | 1504.0 | 1144.0 | 910.1  | 754.0  | 616.0  | 564.0  | 472.0  | 392.0  | 368.0  |
| 77.5° | 1342.0  | 978.0  | 808.0  | 592.0  | 420.0  | 338.0  | 288.0  | 278.0  | 284.0  | 276.0  | 272.0  |
| 80°   | 1022.0  | 692.0  | 434.0  | 318.0  | 274.0  | 242.0  | 214.0  | 206.0  | 209.9  | 220.0  | 230.1  |
| 82.5° | 569.9   | 356.0  | 264.0  | 230.1  | 206.0  | 176.0  | 160.0  | 148.0  | 150.1  | 162.0  | 184.0  |
| 85°   | 220.0   | 172.0  | 158.0  | 152.0  | 142.0  | 114.0  | 98.0   | 100.0  | 114.0  | 136.0  | 136.0  |
| 87.5° | 24.0    | 24.0   | 32.0   | 24.0   | 24.0   | 24.0   | 22.0   | 26.0   | 28.0   | 36.0   | 42.0   |
| 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):**

|       | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3782.0 | 3782.0 | 3782.0 | 3782.0 | 3782.0 | 3782.0 | 3782.0 | 3782.0 | 3782.0 | 3782.0 | 3782.0 |
| 2.5°  | 3748.0 | 3748.0 | 3748.0 | 3744.0 | 3746.0 | 3738.0 | 3738.0 | 3732.0 | 3742.0 | 3736.0 | 3734.0 |
| 5°    | 3689.9 | 3688.0 | 3680.0 | 3680.0 | 3680.0 | 3680.0 | 3686.0 | 3670.1 | 3682.0 | 3682.0 | 3676.0 |
| 7.5°  | 3592.0 | 3592.0 | 3569.9 | 3582.0 | 3578.0 | 3584.0 | 3592.0 | 3584.0 | 3596.0 | 3604.0 | 3598.0 |
| 10°   | 3456.0 | 3456.0 | 3438.0 | 3452.0 | 3446.0 | 3460.0 | 3474.0 | 3466.0 | 3474.0 | 3486.0 | 3489.9 |
| 12.5° | 3306.0 | 3298.0 | 3282.0 | 3288.0 | 3288.0 | 3296.0 | 3302.0 | 3312.0 | 3322.0 | 3338.0 | 3346.0 |
| 15°   | 3132.0 | 3120.0 | 3100.0 | 3100.0 | 3088.0 | 3092.0 | 3104.0 | 3108.0 | 3128.0 | 3150.1 | 3176.0 |
| 17.5° | 2954.0 | 2924.0 | 2902.0 | 2876.0 | 2856.0 | 2872.0 | 2886.0 | 2896.0 | 2912.0 | 2946.0 | 2964.0 |
| 20°   | 2786.0 | 2726.0 | 2684.0 | 2649.9 | 2628.0 | 2638.0 | 2656.0 | 2668.0 | 2682.0 | 2689.9 | 2696.0 |
| 22.5° | 2620.0 | 2552.0 | 2494.0 | 2452.0 | 2416.0 | 2426.0 | 2418.0 | 2412.0 | 2422.0 | 2396.0 | 2394.0 |
| 25°   | 2476.0 | 2396.0 | 2318.0 | 2268.0 | 2224.0 | 2209.9 | 2168.0 | 2158.0 | 2129.9 | 2108.0 | 2092.0 |
| 27.5° | 2372.0 | 2268.0 | 2182.0 | 2124.0 | 2054.0 | 2002.0 | 1948.0 | 1894.0 | 1864.0 | 1828.0 | 1809.9 |
| 30°   | 2289.9 | 2180.0 | 2078.0 | 1980.0 | 1888.0 | 1808.0 | 1736.0 | 1666.0 | 1618.0 | 1566.0 | 1532.0 |
| 32.5° | 2214.0 | 2112.0 | 1988.0 | 1854.0 | 1729.9 | 1640.0 | 1546.0 | 1466.0 | 1390.1 | 1322.0 | 1272.0 |
| 35°   | 2162.0 | 2048.0 | 1889.9 | 1726.0 | 1586.0 | 1480.0 | 1380.0 | 1266.0 | 1174.0 | 1086.0 | 1032.0 |
| 37.5° | 2134.0 | 1994.0 | 1800.0 | 1618.0 | 1462.0 | 1342.0 | 1218.0 | 1086.0 | 974.0  | 892.0  | 809.9  |
| 40°   | 2112.0 | 1940.0 | 1720.0 | 1522.0 | 1358.0 | 1214.0 | 1070.1 | 914.0  | 790.1  | 704.0  | 640.0  |
| 42.5° | 2088.0 | 1880.0 | 1649.9 | 1446.0 | 1264.0 | 1096.0 | 922.0  | 756.0  | 638.0  | 578.0  | 550.1  |
| 45°   | 2062.0 | 1828.0 | 1584.0 | 1374.0 | 1172.0 | 968.0  | 768.0  | 614.0  | 544.0  | 524.0  | 524.0  |
| 47.5° | 2056.0 | 1794.0 | 1536.0 | 1304.0 | 1068.0 | 820.0  | 626.0  | 529.9  | 510.1  | 514.0  | 522.0  |
| 50°   | 2080.0 | 1784.0 | 1494.0 | 1222.0 | 929.9  | 664.0  | 529.9  | 498.0  | 502.0  | 514.0  | 526.0  |
| 52.5° | 2138.0 | 1792.0 | 1449.9 | 1108.0 | 766.0  | 548.0  | 489.9  | 488.0  | 500.0  | 518.0  | 529.9  |
| 55°   | 2236.0 | 1792.0 | 1366.0 | 938.0  | 612.0  | 492.0  | 476.0  | 484.0  | 500.0  | 516.0  | 526.0  |
| 57.5° | 2446.0 | 1774.0 | 1218.0 | 750.1  | 512.0  | 472.0  | 472.0  | 482.0  | 496.0  | 512.0  | 520.0  |
| 60°   | 2696.0 | 1750.1 | 1009.9 | 580.0  | 462.0  | 456.0  | 470.1  | 482.0  | 494.0  | 508.0  | 516.0  |
| 62.5° | 2712.0 | 1688.0 | 800.0  | 480.0  | 436.0  | 446.0  | 468.0  | 484.0  | 488.0  | 498.0  | 508.0  |
| 65°   | 2492.0 | 1472.0 | 636.0  | 430.1  | 424.0  | 440.0  | 462.0  | 474.0  | 476.0  | 480.0  | 489.9  |
| 67.5° | 2182.0 | 1200.0 | 514.0  | 406.0  | 412.0  | 430.1  | 442.0  | 452.0  | 458.0  | 468.0  | 470.1  |
| 70°   | 1792.0 | 964.0  | 440.0  | 382.0  | 388.0  | 408.0  | 418.0  | 428.0  | 440.0  | 452.0  | 446.0  |
| 72.5° | 1270.1 | 750.1  | 386.0  | 356.0  | 364.0  | 382.0  | 394.0  | 402.0  | 412.0  | 424.0  | 416.0  |
| 75°   | 540.0  | 524.0  | 334.0  | 322.0  | 334.0  | 346.0  | 358.0  | 369.9  | 380.0  | 386.0  | 386.0  |
| 77.5° | 276.0  | 308.0  | 288.0  | 288.0  | 296.0  | 308.0  | 318.0  | 329.9  | 336.0  | 342.0  | 350.1  |
| 80°   | 234.0  | 238.0  | 242.0  | 249.9  | 258.0  | 270.1  | 280.0  | 289.9  | 292.0  | 294.0  | 298.0  |
| 82.5° | 194.0  | 202.0  | 206.0  | 218.0  | 224.0  | 228.0  | 234.0  | 234.0  | 238.0  | 238.0  | 232.0  |
| 85°   | 140.0  | 150.1  | 156.0  | 158.0  | 156.0  | 158.0  | 160.0  | 164.0  | 174.0  | 174.0  | 166.0  |
| 87.5° | 40.0   | 38.0   | 48.0   | 49.9   | 54.0   | 62.0   | 70.1   | 84.0   | 88.0   | 92.0   | 92.0   |
| 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):**

|       | 165°   | 170°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|
| 0°    | 3782.0 | 3782.0 | 3782.0 | 3782.0 |
| 2.5°  | 3732.0 | 3736.0 | 3728.0 | 3729.9 |
| 5°    | 3676.0 | 3684.0 | 3674.0 | 3686.0 |
| 7.5°  | 3604.0 | 3616.0 | 3614.0 | 3612.0 |
| 10°   | 3500.0 | 3516.0 | 3516.0 | 3522.0 |
| 12.5° | 3368.0 | 3378.0 | 3386.0 | 3390.1 |
| 15°   | 3190.1 | 3208.0 | 3218.0 | 3218.0 |
| 17.5° | 2976.0 | 2988.0 | 2994.0 | 2986.0 |
| 20°   | 2704.0 | 2700.0 | 2702.0 | 2682.0 |
| 22.5° | 2390.1 | 2396.0 | 2378.0 | 2382.0 |
| 25°   | 2082.0 | 2072.0 | 2080.0 | 2068.0 |
| 27.5° | 1784.0 | 1786.0 | 1764.0 | 1774.0 |
| 30°   | 1500.0 | 1489.9 | 1462.0 | 1476.0 |
| 32.5° | 1226.0 | 1200.0 | 1169.9 | 1152.0 |
| 35°   | 968.0  | 928.0  | 914.0  | 908.0  |
| 37.5° | 760.0  | 716.0  | 702.0  | 686.0  |
| 40°   | 604.0  | 588.0  | 582.0  | 586.0  |
| 42.5° | 542.0  | 542.0  | 546.0  | 548.0  |
| 45°   | 526.0  | 532.0  | 538.0  | 540.0  |
| 47.5° | 528.0  | 534.0  | 542.0  | 544.0  |
| 50°   | 532.0  | 538.0  | 544.0  | 546.0  |
| 52.5° | 534.0  | 534.0  | 538.0  | 540.0  |
| 55°   | 529.9  | 528.0  | 529.9  | 532.0  |
| 57.5° | 522.0  | 518.0  | 520.0  | 526.0  |
| 60°   | 518.0  | 512.0  | 516.0  | 520.0  |
| 62.5° | 508.0  | 506.0  | 510.1  | 512.0  |
| 65°   | 486.0  | 488.0  | 494.0  | 494.0  |
| 67.5° | 466.0  | 468.0  | 470.1  | 472.0  |
| 70°   | 442.0  | 444.0  | 448.0  | 449.9  |
| 72.5° | 414.0  | 422.0  | 428.0  | 436.0  |
| 75°   | 392.0  | 400.0  | 412.0  | 420.0  |
| 77.5° | 354.0  | 360.0  | 374.0  | 384.0  |
| 80°   | 300.0  | 298.0  | 300.0  | 306.0  |
| 82.5° | 230.1  | 230.1  | 228.0  | 226.0  |
| 85°   | 162.0  | 160.0  | 154.0  | 154.0  |
| 87.5° | 88.0   | 86.0   | 84.0   | 80.0   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)