

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: EPHESUS

Report Number: P628140

Luminaire Tested: **EPH-VN-06-E-750-U-T1**

Issue Date: 01/09/2023

Test Information

Test Method: LM-79-08
Report Number: P628140
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/09/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-VN-06-E-750-U-T1
Description: EPHESUS LUMAVISION FLOOD – Middle Tier Light Square Luminaire w/
Type I distribution lens
Light Source: (96) 5000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 54936.7 lumens
Efficiency: N/A
Efficacy: 118.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type I - Short
BUG Rating: B5 - U0 - G5

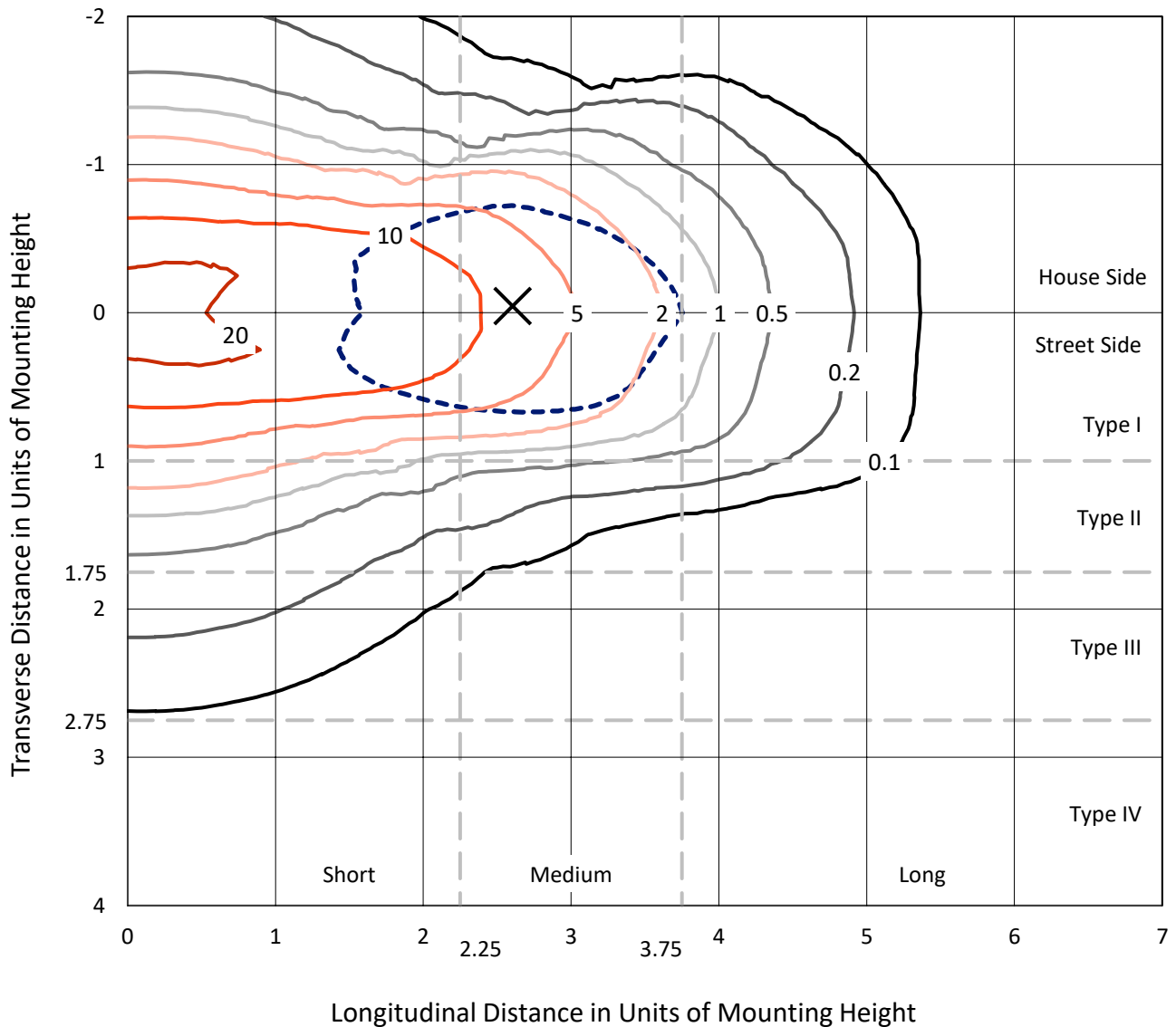
Input Watts (W): 464.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

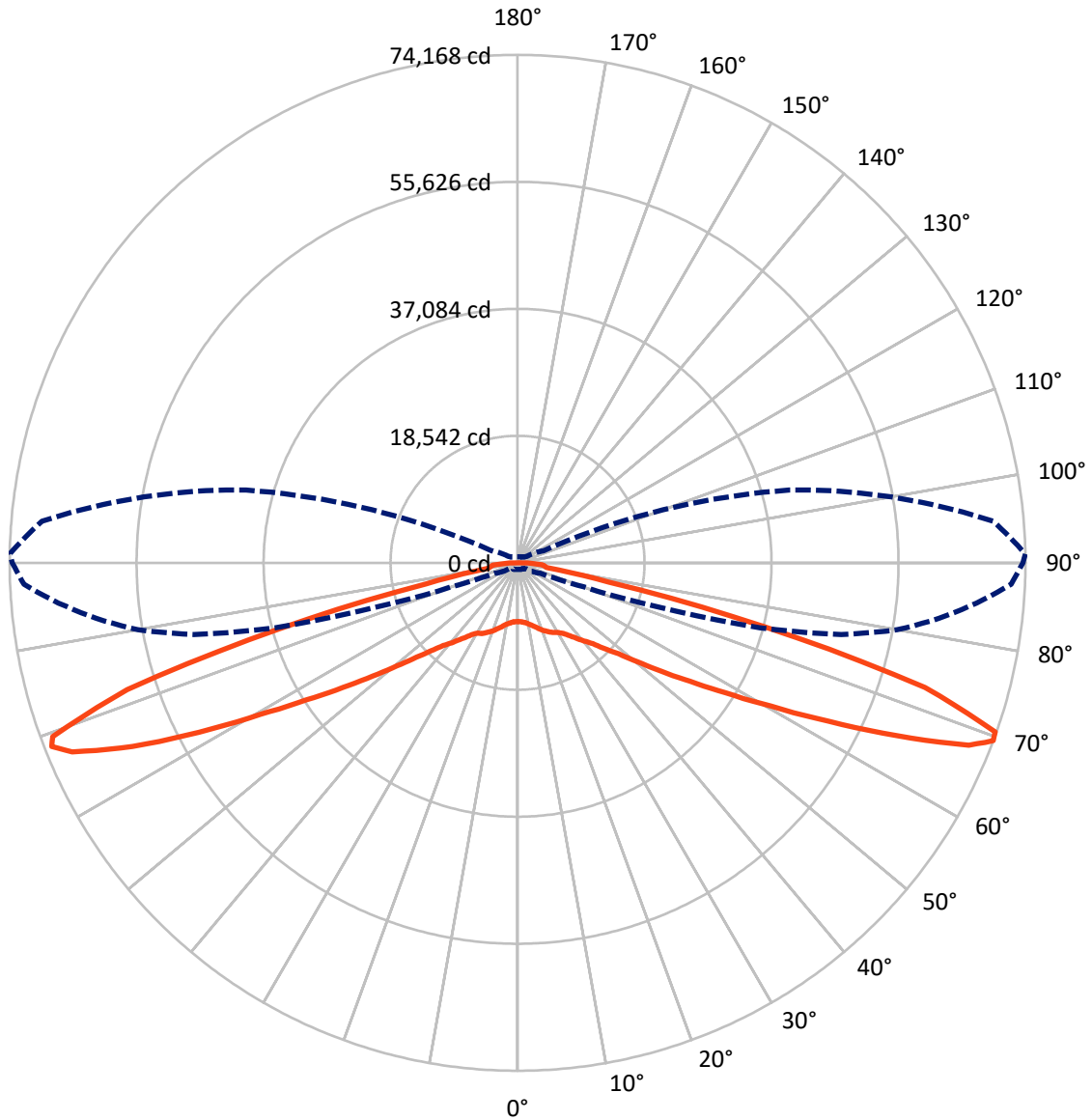
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 23.4 fc
 Type I - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 91-Deg Lateral - - - Horizontal Cone Through 69-Deg Vertical

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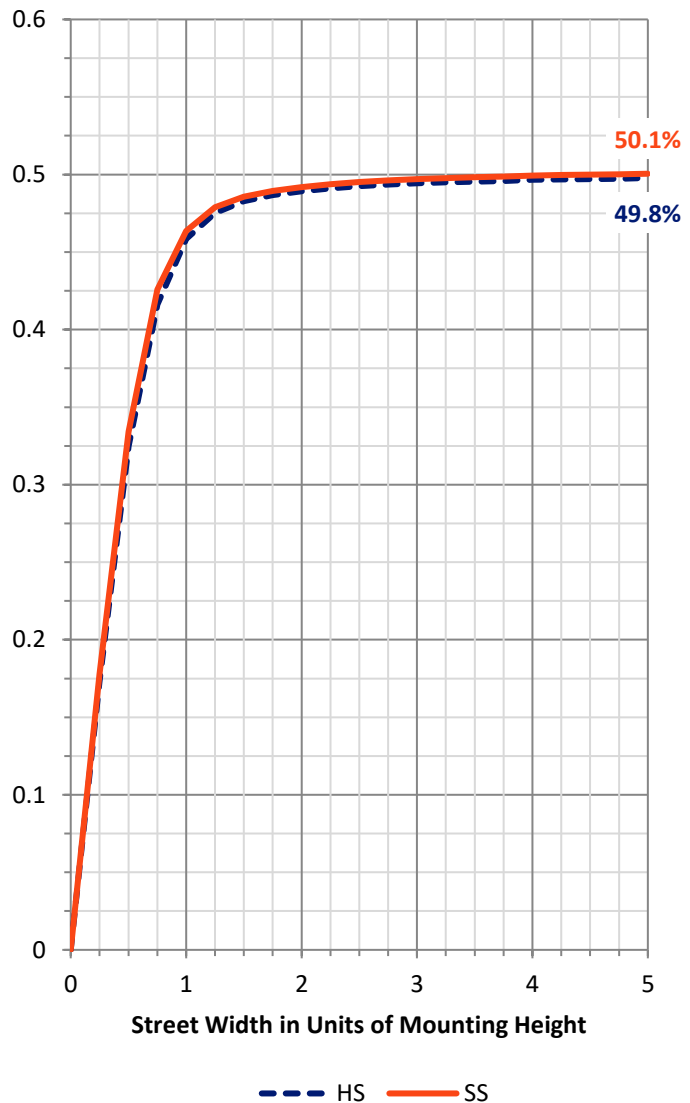
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 27542.3 | 0.0 | 27542.3 |
| | % Fixture | 50.1 | 0.0 | 50.1 |
| Street Side | Lumens | 27394.4 | 0.0 | 27394.4 |
| | % Fixture | 49.9 | 0.0 | 49.9 |
| Total | Lumens | 54936.7 | 0.0 | 54936.7 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 865.4 | 1.6 |
| 10°-20° | 2833.7 | 5.2 |
| 20°-30° | 4859.5 | 8.8 |
| 30°-40° | 6713.1 | 12.2 |
| 40°-50° | 8631.2 | 15.7 |
| 50°-60° | 10738.9 | 19.5 |
| 60°-70° | 13171.0 | 24.0 |
| 70°-80° | 6497.2 | 11.8 |
| 80°-90° | 626.8 | 1.1 |
| 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° | 54936.7 | 100.0 |
| 0°-180° | 54936.7 | 100.0 |

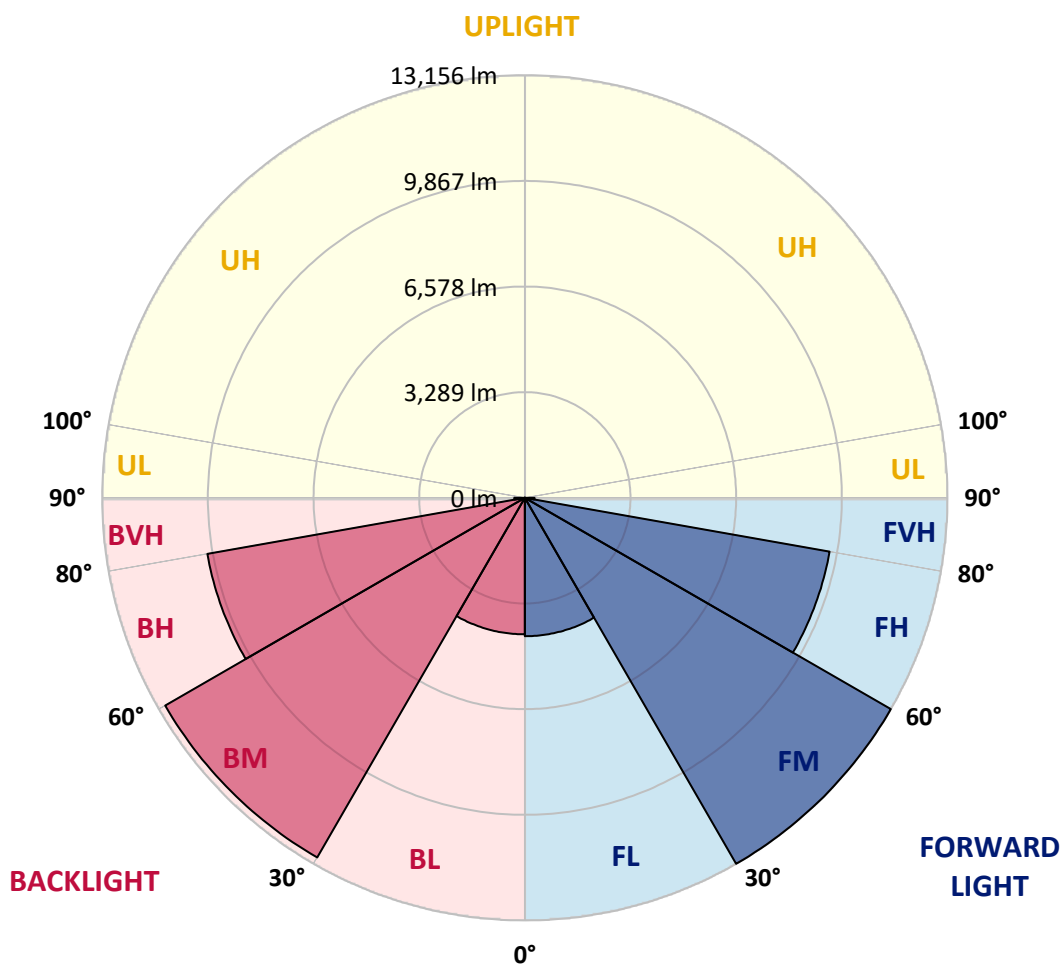


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|---------|-----------|-------------------------|------|----------|
| | | | B | U | G |
| FL (0°-30°) | 4308.0 | 7.8 | | | |
| FM (30°-60°) | 13155.5 | 23.9 | | | |
| FH (60°-80°) | 9633.6 | 17.5 | | | G4/12000 |
| FVH (80°-90°) | 297.2 | 0.5 | | | G3/500 |
| BL (0°-30°) | 4250.6 | 7.7 | B4/5000 | | |
| BM (30°-60°) | 12927.6 | 23.5 | B5 | | |
| BH (60°-80°) | 10034.5 | 18.3 | B5 | | G5 |
| BVH (80°-90°) | 329.5 | 0.6 | | | 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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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 67.5° | 70° |
|-------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|
| 0° | 8618.0 | 8618.0 | 8618.0 | 8618.0 | 8618.0 | 8618.0 | 8618.0 | 8618.0 | 8618.0 | 8618.0 |
| 2.5° | 8694.2 | 8770.4 | 8705.9 | 8735.2 | 8770.4 | 8752.8 | 8741.1 | 8659.0 | 8688.3 | 8653.2 |
| 5° | 8999.1 | 9051.8 | 9010.8 | 9004.9 | 8969.7 | 8963.9 | 8928.7 | 8799.7 | 8858.4 | 8776.3 |
| 7.5° | 9262.9 | 9315.6 | 9262.9 | 9280.5 | 9292.2 | 9257.0 | 9227.7 | 9087.0 | 9098.7 | 9046.0 |
| 10° | 9456.3 | 9538.4 | 9479.8 | 9597.0 | 9597.0 | 9643.9 | 9602.9 | 9397.7 | 9403.6 | 9339.1 |
| 12.5° | 9585.3 | 9685.0 | 9661.5 | 9855.0 | 9954.7 | 9978.1 | 10025.0 | 9849.1 | 9837.4 | 9714.3 |
| 15° | 9491.5 | 9509.1 | 9632.2 | 9931.2 | 10277.1 | 10441.3 | 10523.3 | 10318.1 | 10329.9 | 10189.2 |
| 17.5° | 9192.5 | 9251.1 | 9368.4 | 9890.2 | 10329.9 | 10816.5 | 10980.6 | 10863.4 | 10839.9 | 10681.6 |
| 20° | 8864.2 | 8875.9 | 9069.4 | 9667.4 | 10347.4 | 11045.1 | 11531.7 | 11437.9 | 11432.0 | 11332.4 |
| 22.5° | 8453.8 | 8459.7 | 8729.4 | 9391.8 | 10294.7 | 11150.6 | 12024.1 | 12147.3 | 12065.2 | 11971.4 |
| 25° | 7943.8 | 8008.3 | 8324.9 | 9069.4 | 10112.9 | 11262.0 | 12311.4 | 12715.9 | 12686.6 | 12598.7 |
| 27.5° | 7463.1 | 7510.0 | 7855.9 | 8612.1 | 9726.0 | 11097.9 | 12727.7 | 13437.0 | 13360.8 | 13220.1 |
| 30° | 7029.2 | 7105.4 | 7463.1 | 8143.1 | 9245.3 | 10892.7 | 13003.2 | 14029.1 | 14117.1 | 13958.8 |
| 32.5° | 6560.2 | 6654.0 | 7029.2 | 7732.7 | 8799.7 | 10699.2 | 13237.7 | 14726.8 | 14943.7 | 14762.0 |
| 35° | 6091.2 | 6161.6 | 6536.8 | 7293.0 | 8477.3 | 10271.2 | 13284.6 | 15629.6 | 15899.3 | 15799.6 |
| 37.5° | 5680.8 | 5745.3 | 6114.7 | 6835.8 | 8043.5 | 9954.7 | 13179.1 | 16380.0 | 16866.6 | 17136.3 |
| 40° | 5223.6 | 5305.6 | 5669.1 | 6396.1 | 7468.9 | 9485.7 | 13050.1 | 17218.4 | 17916.0 | 18273.7 |
| 42.5° | 4713.5 | 4824.9 | 5176.7 | 5927.1 | 7023.4 | 8905.3 | 12663.2 | 17781.2 | 18865.8 | 19498.9 |
| 45° | 4174.2 | 4256.2 | 4637.3 | 5329.1 | 6495.7 | 8231.1 | 12117.9 | 18467.1 | 19885.9 | 21058.4 |
| 47.5° | 3523.4 | 3576.2 | 3963.1 | 4690.1 | 5757.1 | 7533.4 | 11426.2 | 18994.8 | 21029.1 | 22500.6 |
| 50° | 2814.0 | 2866.8 | 3177.5 | 3910.3 | 4948.0 | 6665.8 | 10365.0 | 19217.5 | 21832.2 | 23895.9 |
| 52.5° | 2198.5 | 2239.5 | 2485.7 | 3036.8 | 4021.7 | 5675.0 | 9122.2 | 19164.8 | 22342.3 | 25343.9 |
| 55° | 1711.9 | 1747.0 | 1922.9 | 2339.2 | 3083.7 | 4502.5 | 7820.7 | 18197.4 | 22500.6 | 26358.1 |
| 57.5° | 1471.5 | 1489.1 | 1571.2 | 1811.5 | 2362.6 | 3412.0 | 6167.4 | 16497.3 | 21720.9 | 27044.1 |
| 60° | 1295.6 | 1301.5 | 1366.0 | 1530.1 | 1829.1 | 2538.5 | 4508.3 | 13782.9 | 19780.3 | 26610.2 |
| 62.5° | 1207.7 | 1213.6 | 1248.7 | 1360.1 | 1512.5 | 1917.1 | 3195.1 | 10587.8 | 16339.0 | 24822.2 |
| 65° | 1131.5 | 1137.3 | 1166.7 | 1237.0 | 1301.5 | 1536.0 | 2350.9 | 6982.3 | 11772.1 | 20225.9 |
| 67.5° | 1031.8 | 1043.5 | 1072.9 | 1131.5 | 1184.2 | 1278.0 | 1788.1 | 4502.5 | 7410.3 | 13970.5 |
| 69° | 967.3 | 979.1 | 1008.4 | 1055.3 | 1102.2 | 1190.1 | 1547.7 | 3593.8 | 5592.9 | 10271.2 |
| 70° | 920.4 | 932.1 | 967.3 | 1014.2 | 1055.3 | 1137.3 | 1424.6 | 3189.2 | 4778.0 | 8360.0 |
| 72.5° | 803.2 | 814.9 | 838.3 | 885.2 | 932.1 | 990.8 | 1149.1 | 2280.5 | 3247.9 | 5135.6 |
| 75° | 685.9 | 691.8 | 709.4 | 756.3 | 803.2 | 850.1 | 967.3 | 1612.2 | 2157.4 | 3154.1 |
| 77.5° | 533.5 | 539.4 | 562.8 | 615.6 | 644.9 | 709.4 | 820.8 | 1119.8 | 1412.9 | 1835.0 |
| 80° | 386.9 | 404.5 | 433.8 | 480.7 | 498.3 | 533.5 | 633.2 | 803.2 | 932.1 | 1125.6 |
| 82.5° | 263.8 | 275.5 | 304.9 | 345.9 | 357.6 | 357.6 | 451.4 | 592.1 | 662.5 | 732.8 |
| 85° | 152.4 | 158.3 | 152.4 | 175.9 | 205.2 | 211.1 | 293.1 | 357.6 | 410.4 | 474.9 |
| 87.5° | 46.9 | 46.9 | 46.9 | 58.6 | 70.4 | 76.2 | 129.0 | 164.2 | 205.2 | 246.2 |
| 90° | 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):

| 72.5° | | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° | 91° | 95° |
|---------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 8618.0 | 0° | 8618.0 | 8618.0 | 8618.0 | 8618.0 | 8618.0 | 8618.0 | 8618.0 | 8618.0 | 8618.0 |
| 8659.0 | 2.5° | 8635.6 | 8705.9 | 8623.9 | 8618.0 | 8612.1 | 8571.1 | 8600.4 | 8594.5 | 8659.0 |
| 8811.5 | 5° | 8758.7 | 8758.7 | 8711.8 | 8747.0 | 8735.2 | 8600.4 | 8723.5 | 8723.5 | 8788.0 |
| 9004.9 | 7.5° | 8934.6 | 8946.3 | 8922.8 | 8905.3 | 8881.8 | 8782.1 | 8858.4 | 8846.6 | 8899.4 |
| 9362.5 | 10° | 9274.6 | 9262.9 | 9157.3 | 9157.3 | 9133.9 | 9028.4 | 9075.3 | 9110.4 | 9210.1 |
| 9708.4 | 12.5° | 9643.9 | 9567.7 | 9579.5 | 9538.4 | 9462.2 | 9280.5 | 9350.8 | 9356.7 | 9456.3 |
| 10195.0 | 15° | 10048.5 | 9966.4 | 9931.2 | 9896.0 | 9819.8 | 9649.8 | 9749.5 | 9690.8 | 9761.2 |
| 10640.6 | 17.5° | 10593.7 | 10488.2 | 10365.0 | 10271.2 | 10159.8 | 10025.0 | 10071.9 | 10118.8 | 10165.7 |
| 11221.0 | 20° | 11197.5 | 11027.5 | 10886.8 | 10734.4 | 10640.6 | 10470.6 | 10529.2 | 10535.1 | 10587.8 |
| 11830.7 | 22.5° | 11678.3 | 11531.7 | 11373.4 | 11262.0 | 11068.5 | 10898.5 | 10834.0 | 10845.8 | 10939.6 |
| 12458.0 | 25° | 12305.6 | 12041.7 | 11883.4 | 11701.7 | 11531.7 | 11238.6 | 11209.2 | 11221.0 | 11373.4 |
| 13161.5 | 27.5° | 12850.8 | 12633.9 | 12370.0 | 12094.5 | 11848.3 | 11613.8 | 11578.6 | 11537.6 | 11719.3 |
| 13806.4 | 30° | 13560.1 | 13237.7 | 12815.6 | 12551.8 | 12141.4 | 11813.1 | 11766.2 | 11807.2 | 11912.8 |
| 14750.2 | 32.5° | 14322.3 | 13982.2 | 13536.7 | 13196.7 | 12698.3 | 12317.3 | 12264.5 | 12305.6 | 12499.0 |
| 15723.4 | 35° | 15442.0 | 15072.7 | 14533.3 | 14011.6 | 13536.7 | 13120.4 | 13091.1 | 13026.6 | 13284.6 |
| 17060.1 | 37.5° | 16784.6 | 16292.1 | 15782.1 | 15201.7 | 14697.5 | 14111.2 | 13941.2 | 13994.0 | 14205.0 |
| 18355.7 | 40° | 18297.1 | 17828.1 | 17189.1 | 16526.6 | 15911.0 | 15289.6 | 15043.4 | 15008.2 | 15377.5 |
| 20044.2 | 42.5° | 20044.2 | 19721.7 | 18789.6 | 18004.0 | 17194.9 | 16415.2 | 16122.1 | 16139.7 | 16479.7 |
| 21926.0 | 45° | 22084.3 | 21844.0 | 21017.3 | 20032.4 | 19082.7 | 18091.9 | 17898.4 | 17910.2 | 18367.5 |
| 23626.2 | 47.5° | 24493.8 | 24646.3 | 23866.6 | 22828.9 | 21656.4 | 20460.4 | 19991.4 | 19874.1 | 20384.2 |
| 25742.6 | 50° | 26932.7 | 27894.1 | 27307.9 | 26317.1 | 24933.5 | 23520.7 | 22916.8 | 22705.8 | 23438.6 |
| 27841.4 | 52.5° | 29787.8 | 31335.5 | 31517.2 | 30755.1 | 29201.5 | 27225.8 | 26557.5 | 26340.6 | 27272.7 |
| 29957.8 | 55° | 32748.4 | 35111.0 | 35996.2 | 36101.8 | 34249.2 | 32080.0 | 30819.6 | 30567.5 | 32027.3 |
| 31810.3 | 57.5° | 35738.3 | 39308.6 | 41120.1 | 42193.0 | 40639.4 | 37819.5 | 36025.5 | 35755.9 | 38341.3 |
| 33287.7 | 60° | 38810.3 | 43652.8 | 46560.6 | 49269.1 | 48372.1 | 45241.5 | 42468.5 | 42480.2 | 46021.2 |
| 33920.9 | 62.5° | 41055.6 | 47146.8 | 51778.3 | 56145.9 | 56954.9 | 54774.1 | 51262.4 | 50904.8 | 54650.9 |
| 32033.1 | 65° | 42251.6 | 50447.5 | 56134.2 | 61316.7 | 64136.6 | 64031.1 | 61170.1 | 60853.6 | 63609.0 |
| 26569.2 | 67.5° | 40463.5 | 50570.6 | 57699.5 | 62858.6 | 68029.4 | 70884.4 | 70520.9 | 71066.2 | 69448.1 |
| 21052.5 | 69° | 36652.8 | 48395.6 | 56304.2 | 62073.0 | 67296.5 | 72121.4 | 73768.8 | 74167.5 | 69711.9 |
| 17423.6 | 70° | 32467.0 | 45692.9 | 53976.8 | 59546.2 | 64341.8 | 70339.2 | 73868.5 | 73991.6 | 67378.6 |
| 9814.0 | 72.5° | 20261.1 | 34249.2 | 42398.2 | 47721.4 | 50693.7 | 56374.5 | 62319.2 | 62219.5 | 53302.6 |
| 5487.4 | 75° | 10640.6 | 19733.4 | 26375.7 | 29078.4 | 30743.4 | 33662.9 | 37684.6 | 37180.5 | 32039.0 |
| 2808.2 | 77.5° | 4737.0 | 8383.5 | 10687.5 | 12217.6 | 12645.6 | 13495.7 | 13894.3 | 13566.0 | 12880.1 |
| 1512.5 | 80° | 2298.1 | 3470.6 | 4514.2 | 4772.1 | 4467.3 | 4256.2 | 4355.9 | 4309.0 | 4713.5 |
| 873.5 | 82.5° | 1143.2 | 1594.6 | 1799.8 | 2157.4 | 3177.5 | 3904.5 | 4015.9 | 3969.0 | 3558.6 |
| 527.6 | 85° | 609.7 | 732.8 | 844.2 | 1547.7 | 2843.4 | 3564.4 | 3670.0 | 3652.4 | 3288.9 |
| 287.3 | 87.5° | 340.0 | 422.1 | 609.7 | 1237.0 | 1717.7 | 1817.4 | 1917.1 | 1858.4 | 1911.2 |
| 0.0 | 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CATALOG NUMBER: EPH-VN-06-E-750-U-T1

CANDELA DISTRIBUTION (continued):

| 105° | 115° | | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|---------|---------|-------|---------|---------|---------|--------|--------|--------|--------|
| 8618.0 | 8618.0 | 0° | 8618.0 | 8618.0 | 8618.0 | 8618.0 | 8618.0 | 8618.0 | 8618.0 |
| 8641.4 | 8717.7 | 2.5° | 8670.8 | 8717.7 | 8741.1 | 8653.2 | 8705.9 | 8659.0 | 8670.8 |
| 8776.3 | 8875.9 | 5° | 8817.3 | 8928.7 | 8911.1 | 8911.1 | 8922.8 | 8852.5 | 8881.8 |
| 8899.4 | 9046.0 | 7.5° | 9110.4 | 9151.5 | 9245.3 | 9210.1 | 9174.9 | 9104.6 | 9116.3 |
| 9233.6 | 9374.3 | 10° | 9509.1 | 9509.1 | 9567.7 | 9509.1 | 9397.7 | 9350.8 | 9339.1 |
| 9573.6 | 9837.4 | 12.5° | 9896.0 | 9837.4 | 9872.6 | 9702.6 | 9573.6 | 9479.8 | 9526.7 |
| 9878.4 | 10183.3 | 15° | 10241.9 | 10230.2 | 10101.2 | 9884.3 | 9567.7 | 9397.7 | 9409.4 |
| 10406.1 | 10675.8 | 17.5° | 10757.8 | 10652.3 | 10312.3 | 9749.5 | 9356.7 | 9192.5 | 9110.4 |
| 10898.5 | 11209.2 | 20° | 11267.9 | 10974.7 | 10288.8 | 9532.6 | 9010.8 | 8741.1 | 8747.0 |
| 11314.8 | 11760.3 | 22.5° | 11713.4 | 11097.9 | 10206.7 | 9257.0 | 8694.2 | 8330.7 | 8324.9 |
| 11901.0 | 12334.9 | 25° | 12141.4 | 11027.5 | 10042.6 | 9004.9 | 8342.4 | 7990.7 | 7943.8 |
| 12416.9 | 12979.7 | 27.5° | 12475.6 | 10963.0 | 9643.9 | 8600.4 | 7861.7 | 7574.5 | 7545.1 |
| 12885.9 | 13689.1 | 30° | 12686.6 | 10822.3 | 9286.3 | 8125.5 | 7416.2 | 7134.8 | 7123.0 |
| 13747.7 | 14293.0 | 32.5° | 12927.0 | 10605.4 | 8817.3 | 7703.4 | 7023.4 | 6718.5 | 6700.9 |
| 14762.0 | 15184.1 | 35° | 13149.8 | 10277.1 | 8436.2 | 7304.8 | 6613.0 | 6255.4 | 6202.6 |
| 15999.0 | 16192.4 | 37.5° | 13196.7 | 9913.6 | 7961.4 | 6829.9 | 6102.9 | 5757.1 | 5751.2 |
| 17576.0 | 17066.0 | 40° | 13202.5 | 9473.9 | 7457.2 | 6355.0 | 5604.6 | 5252.9 | 5229.4 |
| 19282.0 | 17804.6 | 42.5° | 12968.0 | 8969.7 | 6953.0 | 5792.2 | 5088.7 | 4672.5 | 4643.2 |
| 21316.3 | 18707.5 | 45° | 12428.7 | 8365.9 | 6308.1 | 5170.8 | 4520.0 | 4133.1 | 4086.2 |
| 23720.0 | 19522.4 | 47.5° | 11707.6 | 7609.6 | 5657.4 | 4537.6 | 3875.2 | 3523.4 | 3494.1 |
| 26340.6 | 20050.0 | 50° | 10734.4 | 6759.6 | 4871.8 | 3851.7 | 3224.4 | 2937.2 | 2866.8 |
| 29400.8 | 20120.4 | 52.5° | 9526.7 | 5786.4 | 4051.0 | 3136.5 | 2626.4 | 2374.3 | 2333.3 |
| 32742.5 | 19534.1 | 55° | 8084.5 | 4737.0 | 3236.1 | 2503.3 | 2040.2 | 1846.7 | 1811.5 |
| 35832.1 | 18050.9 | 57.5° | 6478.1 | 3646.5 | 2491.6 | 1934.7 | 1635.7 | 1500.8 | 1459.8 |
| 39267.5 | 15289.6 | 60° | 4842.5 | 2749.5 | 1911.2 | 1536.0 | 1336.7 | 1242.9 | 1225.3 |
| 42333.7 | 11877.6 | 62.5° | 3482.4 | 2069.5 | 1500.8 | 1283.9 | 1172.5 | 1125.6 | 1113.9 |
| 44063.1 | 7979.0 | 65° | 2561.9 | 1594.6 | 1248.7 | 1160.8 | 1078.7 | 1037.7 | 1020.1 |
| 43770.0 | 5223.6 | 67.5° | 1905.3 | 1278.0 | 1108.0 | 1055.3 | 996.6 | 955.6 | 943.9 |
| 41020.5 | 4162.4 | 69° | 1606.3 | 1154.9 | 1037.7 | 984.9 | 932.1 | 897.0 | 879.4 |
| 37760.9 | 3541.0 | 70° | 1453.9 | 1090.4 | 1002.5 | 949.7 | 891.1 | 861.8 | 844.2 |
| 25332.2 | 2380.2 | 72.5° | 1143.2 | 943.9 | 891.1 | 832.5 | 791.4 | 756.3 | 750.4 |
| 13308.1 | 1682.6 | 75° | 943.9 | 809.0 | 768.0 | 721.1 | 680.1 | 644.9 | 644.9 |
| 5798.1 | 1207.7 | 77.5° | 791.4 | 668.3 | 633.2 | 586.3 | 545.2 | 510.0 | 504.2 |
| 2784.7 | 873.5 | 80° | 615.6 | 510.0 | 486.6 | 469.0 | 422.1 | 369.3 | 363.5 |
| 1471.5 | 627.3 | 82.5° | 439.7 | 345.9 | 340.0 | 328.3 | 287.3 | 258.0 | 246.2 |
| 797.3 | 375.2 | 85° | 275.5 | 199.3 | 181.7 | 158.3 | 140.7 | 140.7 | 140.7 |
| 386.9 | 164.2 | 87.5° | 105.5 | 58.6 | 58.6 | 46.9 | 35.2 | 35.2 | 35.2 |
| 0.0 | 0.0 | 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)