

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: P163692

Luminaire Tested: **OVF-F05-LED-E-U-SL3-HSS**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P163692
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33727)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: OVF-F05-LED-E-U-SL3-HSS
Description: OVF LED ROADWAY LARGE CUTOFF COBRAHEAD LUMINAIRE
(5) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL AND
HOUSE SIDE SHIELD
Light Source: (35) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6941.8 lumens
Efficiency: N/A
Efficacy: 52.1 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.83' x L: 1' x H: 0.1')
IES Classification: Type III - Short - Non-Cutoff
BUG Rating: B0 - U0 - G2

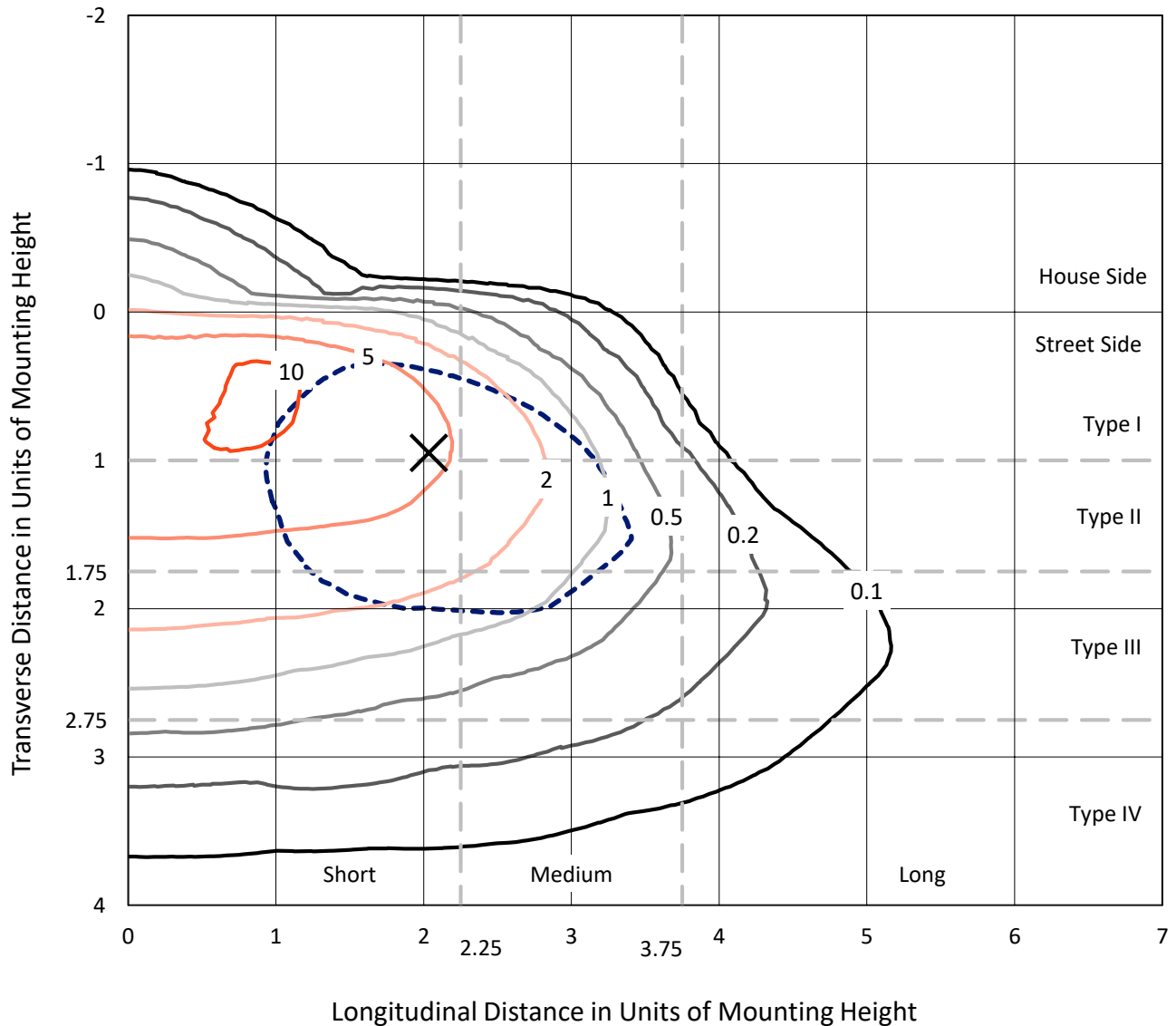
Input Watts (W): 133.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P163692
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

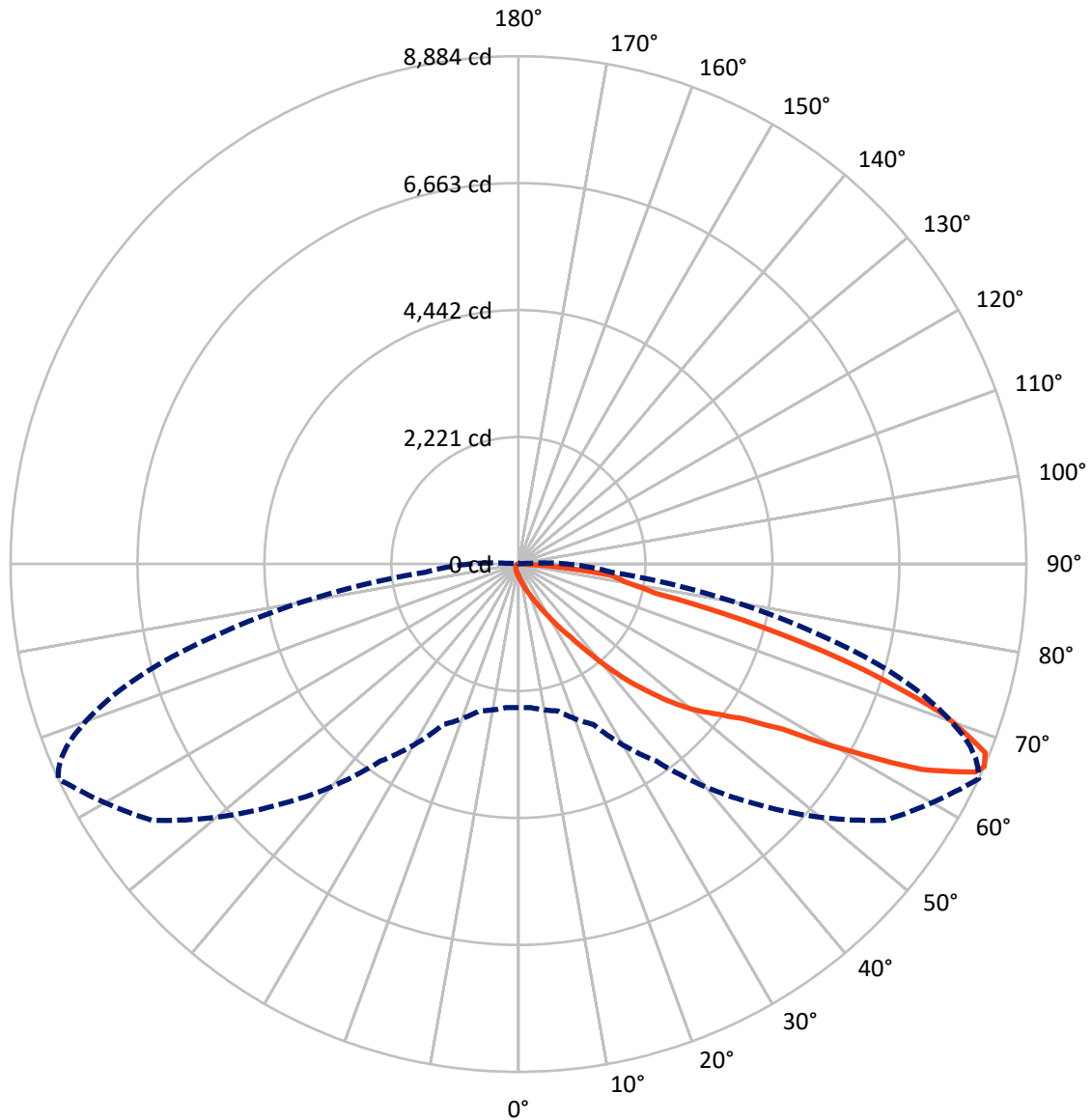


Based on 10 foot mounting height. Maximum calculated value = 11.5 fc
 Type III - Short - Non-Cutoff

REPORT NUMBER: P163692

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Luminous Intensity Polar Plot



— Vertical Plane Through 65-Deg Lateral - - - Horizontal Cone Through 66-Deg Vertical



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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 150.4 | 0.0 | 150.4 |
| | % Fixture | 2.2 | 0.0 | 2.2 |
| Street Side | Lumens | 6791.4 | 0.0 | 6791.4 |
| | % Fixture | 97.8 | 0.0 | 97.8 |
| Total | Lumens | 6941.8 | 0.0 | 6941.8 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 23.5 | 0.3 |
| 10°-20° | 99.5 | 1.4 |
| 20°-30° | 214.5 | 3.1 |
| 30°-40° | 458.1 | 6.6 |
| 40°-50° | 1013.1 | 14.6 |
| 50°-60° | 1716.8 | 24.7 |
| 60°-70° | 2291.0 | 33.0 |
| 70°-80° | 1009.1 | 14.5 |
| 80°-90° | 116.2 | 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° | 6941.8 | 100.0 |
| 0°-180° | 6941.8 | 100.0 |

Coefficient of Utilization



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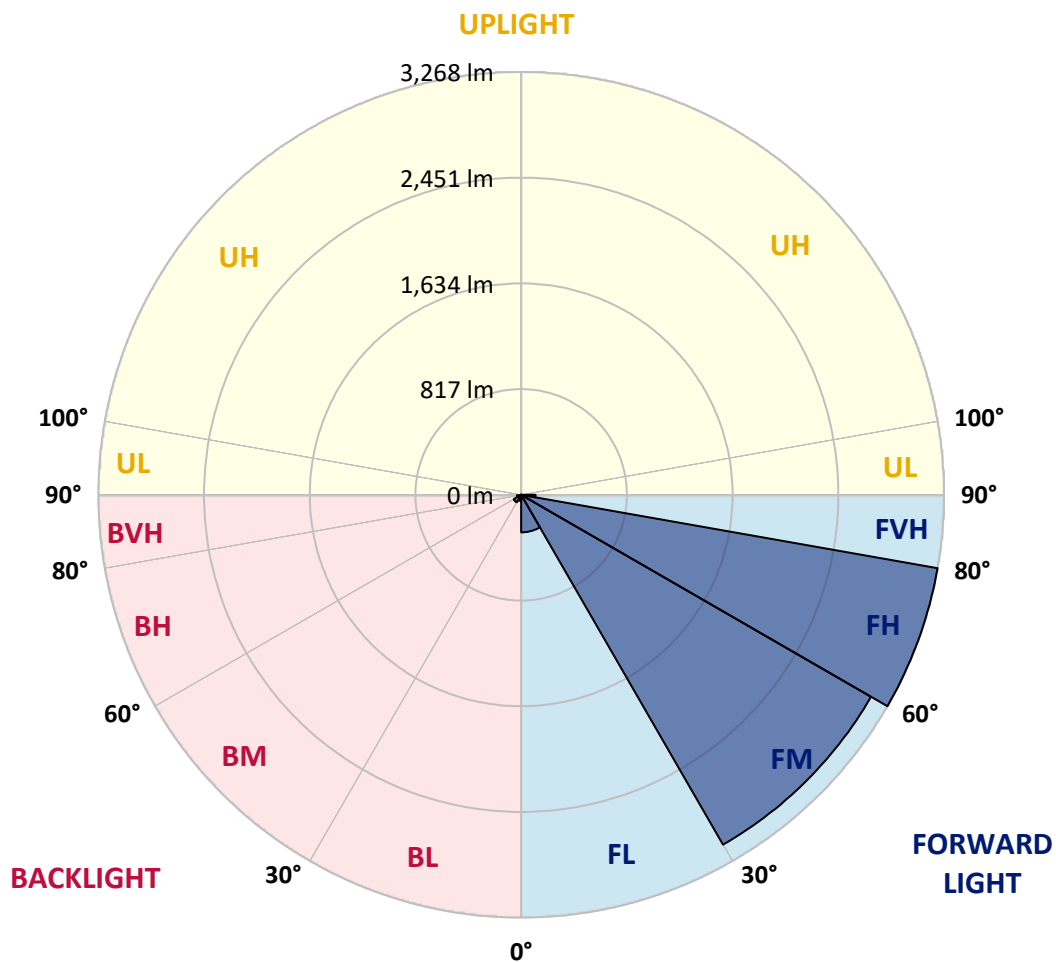
CATALOG NUMBER: OVF-F05-LED-E-U-SL3-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 290.0 | 4.2 | | | |
| FM | (30°-60°) | 3121.9 | 45.0 | | | |
| FH | (60°-80°) | 3267.9 | 47.1 | | | G2/5000 |
| FVH | (80°-90°) | 111.6 | 1.6 | | | G2/225 |
| BL | (0°-30°) | 47.5 | 0.7 | B0/110 | | |
| BM | (30°-60°) | 66.1 | 1.0 | B0/220 | | |
| BH | (60°-80°) | 32.3 | 0.5 | B0/110 | | G0/110 |
| BVH | (80°-90°) | 4.6 | 0.1 | | | G0/10 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B0-U0-G2

Type III Short





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CATALOG NUMBER: OVF-F05-LED-E-U-SL3-HSS

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 66° | 67° | 68° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 209.5 | 209.5 | 209.5 | 209.5 | 209.5 | 209.5 | 209.5 | 209.5 | 209.5 | 209.5 | 209.5 |
| 2.5° | 264.3 | 262.9 | 257.6 | 257.6 | 249.6 | 244.2 | 237.6 | 230.9 | 230.9 | 229.6 | 228.2 |
| 5° | 349.7 | 341.7 | 340.3 | 325.7 | 313.6 | 296.3 | 280.3 | 258.9 | 256.2 | 253.6 | 252.2 |
| 7.5° | 444.4 | 443.1 | 431.1 | 413.8 | 389.7 | 357.7 | 325.7 | 290.9 | 285.6 | 282.9 | 277.6 |
| 10° | 567.2 | 560.5 | 544.5 | 515.1 | 479.1 | 436.4 | 384.4 | 329.6 | 322.9 | 317.7 | 314.9 |
| 12.5° | 684.6 | 672.6 | 663.3 | 625.9 | 580.5 | 517.9 | 455.1 | 376.4 | 371.0 | 364.3 | 353.7 |
| 15° | 794.1 | 783.4 | 767.4 | 735.4 | 684.6 | 605.9 | 532.5 | 436.4 | 423.1 | 413.8 | 405.7 |
| 17.5° | 879.5 | 872.8 | 854.2 | 818.1 | 763.4 | 694.0 | 605.9 | 497.8 | 487.1 | 475.1 | 460.4 |
| 20° | 960.9 | 951.6 | 922.2 | 872.8 | 814.1 | 760.7 | 692.6 | 577.9 | 563.2 | 548.5 | 532.5 |
| 22.5° | 1038.3 | 1028.9 | 980.9 | 899.5 | 836.8 | 814.1 | 790.1 | 668.6 | 646.0 | 633.9 | 617.9 |
| 25° | 1146.4 | 1126.4 | 1051.6 | 922.2 | 838.2 | 855.5 | 896.9 | 786.1 | 764.7 | 747.3 | 722.0 |
| 27.5° | 1291.9 | 1265.2 | 1147.7 | 955.5 | 843.4 | 900.8 | 1019.6 | 928.9 | 906.2 | 886.2 | 858.1 |
| 30° | 1456.1 | 1438.6 | 1298.6 | 1035.6 | 882.2 | 967.6 | 1157.1 | 1110.4 | 1083.7 | 1059.6 | 1026.3 |
| 32.5° | 1621.5 | 1597.5 | 1458.7 | 1187.8 | 986.3 | 1097.0 | 1329.3 | 1321.3 | 1286.6 | 1263.9 | 1227.8 |
| 35° | 1767.0 | 1755.0 | 1652.2 | 1437.3 | 1223.8 | 1323.9 | 1558.8 | 1568.2 | 1537.5 | 1513.4 | 1473.4 |
| 37.5° | 1865.8 | 1865.8 | 1845.7 | 1705.6 | 1601.5 | 1676.2 | 1896.5 | 1897.8 | 1867.1 | 1812.4 | 1792.4 |
| 40° | 1916.5 | 1931.2 | 2003.2 | 2029.9 | 2024.6 | 2120.7 | 2339.5 | 2315.5 | 2290.2 | 2262.1 | 2195.4 |
| 42.5° | 2020.6 | 2033.9 | 2187.4 | 2371.6 | 2491.7 | 2618.5 | 2769.2 | 2761.2 | 2730.6 | 2679.8 | 2618.5 |
| 45° | 2196.7 | 2214.1 | 2396.9 | 2689.1 | 2936.1 | 3116.3 | 3212.4 | 3175.0 | 3144.3 | 3096.2 | 3064.2 |
| 47.5° | 2420.9 | 2454.3 | 2661.2 | 3022.8 | 3320.4 | 3618.0 | 3718.2 | 3619.4 | 3592.7 | 3555.4 | 3503.3 |
| 50° | 2659.8 | 2691.9 | 2912.0 | 3325.8 | 3662.1 | 4017.1 | 4183.9 | 4017.1 | 3978.4 | 3966.4 | 3907.7 |
| 52.5° | 2866.7 | 2893.4 | 3105.5 | 3559.3 | 3923.7 | 4340.0 | 4583.0 | 4362.7 | 4334.7 | 4294.7 | 4251.9 |
| 55° | 2989.5 | 3010.9 | 3209.6 | 3671.4 | 4101.2 | 4631.0 | 4968.7 | 4775.2 | 4733.8 | 4717.8 | 4656.4 |
| 57.5° | 3030.8 | 3052.2 | 3231.0 | 3686.1 | 4197.3 | 4896.6 | 5437.1 | 5443.8 | 5394.4 | 5337.0 | 5318.4 |
| 60° | 3030.8 | 3054.9 | 3205.7 | 3650.1 | 4290.7 | 5179.5 | 6061.7 | 6618.2 | 6511.4 | 6500.8 | 6432.7 |
| 62.5° | 2905.4 | 2928.1 | 3080.2 | 3539.4 | 4416.1 | 5561.2 | 6931.9 | 7914.1 | 7883.4 | 7814.0 | 7701.9 |
| 65° | 2633.2 | 2646.5 | 2796.0 | 3256.4 | 4368.1 | 5912.2 | 7685.9 | 8776.2 | 8726.9 | 8590.7 | 8446.6 |
| 66° | 2510.3 | 2521.1 | 2661.2 | 3094.9 | 4210.6 | 5960.3 | 7819.4 | 8884.3 | 8802.9 | 8688.2 | 8525.4 |
| 67.5° | 2332.9 | 2351.5 | 2450.3 | 2794.6 | 3832.9 | 5793.5 | 7735.3 | 8808.3 | 8737.5 | 8598.8 | 8435.9 |
| 70° | 1557.4 | 1544.1 | 1892.4 | 2144.7 | 2920.0 | 4720.4 | 6939.9 | 7908.8 | 7910.1 | 7844.7 | 7779.3 |
| 72.5° | 739.3 | 747.3 | 848.8 | 1319.9 | 1911.1 | 3153.6 | 5523.8 | 6312.6 | 6403.3 | 6285.9 | 6204.5 |
| 75° | 531.1 | 543.2 | 604.5 | 807.4 | 1139.7 | 1892.4 | 3580.7 | 4414.8 | 4417.5 | 4209.3 | 4023.8 |
| 77.5° | 154.8 | 161.5 | 226.9 | 497.8 | 854.2 | 1277.2 | 2056.6 | 2454.3 | 2396.9 | 2247.4 | 2107.3 |
| 80° | 64.1 | 64.1 | 66.7 | 158.8 | 343.0 | 867.5 | 1438.6 | 1889.8 | 1883.1 | 1825.7 | 1742.9 |
| 82.5° | 24.0 | 25.3 | 32.0 | 65.4 | 81.4 | 213.6 | 959.6 | 1640.2 | 1636.2 | 1554.8 | 1496.1 |
| 85° | 2.6 | 2.6 | 8.0 | 28.0 | 30.7 | 40.0 | 192.2 | 723.3 | 719.4 | 723.3 | 633.9 |
| 87.5° | 0.0 | 0.0 | 1.3 | 2.6 | 4.0 | 5.4 | 8.0 | 28.0 | 30.7 | 29.4 | 26.7 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P163692

CATALOG NUMBER: OVF-F05-LED-E-U-SL3-HSS

CANDELA DISTRIBUTION (continued):

| | 69° | 70° | 71° | 72° | 73° | 74° | 75° | 76° | 77° | 78° | 79° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 209.5 | 209.5 | 209.5 | 209.5 | 209.5 | 209.5 | 209.5 | 209.5 | 209.5 | 209.5 | 209.5 |
| 2.5° | 228.2 | 225.5 | 225.5 | 224.2 | 224.2 | 224.2 | 222.9 | 221.6 | 221.6 | 220.2 | 218.8 |
| 5° | 249.6 | 246.9 | 245.6 | 242.9 | 241.5 | 240.2 | 237.6 | 236.2 | 233.5 | 232.2 | 230.9 |
| 7.5° | 274.9 | 269.6 | 268.2 | 264.3 | 260.2 | 257.6 | 254.9 | 250.9 | 248.2 | 242.9 | 241.5 |
| 10° | 306.9 | 300.2 | 295.0 | 289.6 | 285.6 | 278.9 | 274.9 | 269.6 | 264.3 | 260.2 | 256.2 |
| 12.5° | 348.3 | 339.0 | 331.0 | 325.7 | 316.3 | 308.3 | 300.2 | 296.3 | 285.6 | 280.3 | 273.6 |
| 15° | 393.7 | 383.0 | 373.7 | 363.0 | 356.3 | 343.0 | 332.3 | 320.3 | 314.9 | 305.6 | 295.0 |
| 17.5° | 452.4 | 435.1 | 420.4 | 409.7 | 396.3 | 383.0 | 371.0 | 359.0 | 343.0 | 332.3 | 319.0 |
| 20° | 515.1 | 500.4 | 480.5 | 461.8 | 445.8 | 429.8 | 412.3 | 396.3 | 381.7 | 364.3 | 348.3 |
| 22.5° | 595.2 | 573.9 | 549.9 | 531.1 | 509.8 | 492.4 | 468.4 | 447.1 | 423.1 | 400.4 | 381.7 |
| 25° | 696.7 | 668.6 | 646.0 | 619.2 | 593.9 | 567.2 | 537.8 | 511.2 | 480.5 | 459.1 | 427.0 |
| 27.5° | 822.1 | 795.4 | 764.7 | 730.0 | 704.7 | 664.6 | 625.9 | 592.6 | 556.5 | 523.1 | 487.1 |
| 30° | 982.3 | 943.6 | 911.5 | 878.2 | 827.4 | 788.7 | 743.4 | 698.0 | 648.6 | 615.3 | 560.5 |
| 32.5° | 1174.5 | 1133.0 | 1085.0 | 1036.9 | 990.3 | 935.6 | 879.5 | 823.5 | 768.7 | 707.3 | 651.3 |
| 35° | 1409.3 | 1360.0 | 1305.2 | 1253.1 | 1181.1 | 1122.4 | 1051.6 | 974.3 | 912.9 | 842.1 | 771.4 |
| 37.5° | 1720.3 | 1638.8 | 1590.8 | 1536.1 | 1438.6 | 1358.6 | 1279.9 | 1202.5 | 1094.4 | 1019.6 | 919.6 |
| 40° | 2110.0 | 2061.9 | 1983.2 | 1895.1 | 1807.0 | 1701.6 | 1594.8 | 1492.1 | 1366.6 | 1262.6 | 1146.4 |
| 42.5° | 2567.7 | 2497.0 | 2417.0 | 2290.2 | 2200.8 | 2076.6 | 1955.2 | 1819.0 | 1665.6 | 1532.1 | 1396.0 |
| 45° | 2997.5 | 2913.4 | 2852.0 | 2725.2 | 2631.8 | 2485.0 | 2338.2 | 2194.1 | 2016.6 | 1844.4 | 1686.9 |
| 47.5° | 3461.9 | 3392.5 | 3291.1 | 3188.3 | 3093.6 | 2928.1 | 2769.2 | 2594.5 | 2407.6 | 2203.4 | 1999.2 |
| 50° | 3870.3 | 3815.6 | 3746.1 | 3622.1 | 3516.7 | 3377.8 | 3191.0 | 3000.1 | 2763.9 | 2561.1 | 2328.9 |
| 52.5° | 4217.3 | 4174.6 | 4077.2 | 3989.1 | 3894.3 | 3763.6 | 3596.7 | 3413.9 | 3159.0 | 2936.1 | 2671.8 |
| 55° | 4627.0 | 4596.3 | 4510.9 | 4456.2 | 4372.1 | 4246.7 | 4090.5 | 3921.0 | 3651.5 | 3408.5 | 3109.6 |
| 57.5° | 5298.3 | 5274.3 | 5199.6 | 5176.9 | 5094.1 | 4984.7 | 4792.5 | 4611.0 | 4296.0 | 3994.4 | 3652.8 |
| 60° | 6410.0 | 6362.0 | 6252.5 | 6196.5 | 6021.6 | 5874.8 | 5625.3 | 5375.7 | 4995.3 | 4611.0 | 4199.9 |
| 62.5° | 7600.4 | 7465.6 | 7257.4 | 7078.6 | 6830.4 | 6575.5 | 6241.9 | 5860.2 | 5414.4 | 4958.0 | 4485.6 |
| 65° | 8242.4 | 8012.9 | 7749.9 | 7465.6 | 7144.0 | 6769.0 | 6348.6 | 5890.9 | 5411.7 | 4930.0 | 4430.8 |
| 66° | 8315.8 | 8056.9 | 7777.9 | 7461.7 | 7104.0 | 6704.9 | 6277.9 | 5797.4 | 5299.6 | 4829.9 | 4330.7 |
| 67.5° | 8223.7 | 7952.8 | 7657.8 | 7306.9 | 6919.8 | 6506.1 | 6057.7 | 5558.5 | 5079.5 | 4603.0 | 4117.2 |
| 70° | 7579.1 | 7309.5 | 7046.6 | 6676.9 | 6264.6 | 5848.2 | 5423.8 | 4865.9 | 4412.1 | 3974.4 | 3542.0 |
| 72.5° | 6052.3 | 5869.5 | 5609.3 | 5292.9 | 4891.2 | 4402.8 | 4049.1 | 3550.0 | 3156.3 | 2731.9 | 2396.9 |
| 75° | 3782.2 | 3524.7 | 3203.0 | 2799.9 | 2493.0 | 2096.7 | 1889.8 | 1510.7 | 1286.6 | 1090.4 | 900.8 |
| 77.5° | 1933.8 | 1740.3 | 1514.8 | 1287.9 | 1070.4 | 854.2 | 660.6 | 467.1 | 314.9 | 218.8 | 162.8 |
| 80° | 1597.5 | 1426.7 | 1239.9 | 1033.0 | 840.8 | 652.6 | 469.8 | 320.3 | 204.2 | 133.5 | 104.1 |
| 82.5° | 1319.9 | 1175.8 | 1009.0 | 816.8 | 649.9 | 512.5 | 356.3 | 232.2 | 144.1 | 93.4 | 73.4 |
| 85° | 561.9 | 509.8 | 393.7 | 312.3 | 234.9 | 173.5 | 121.4 | 81.4 | 57.4 | 46.7 | 42.7 |
| 87.5° | 24.0 | 26.7 | 25.3 | 20.0 | 14.7 | 14.7 | 13.4 | 10.6 | 10.6 | 10.6 | 10.6 |
| 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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CATALOG NUMBER: OVF-F05-LED-E-U-SL3-HSS

CANDELA DISTRIBUTION (continued):

| | 80° | 81° | 82° | 83° | 84° | 85° | 95° | 105° | 115° | 125° | 135° |
|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 0° | 209.5 | 209.5 | 209.5 | 209.5 | 209.5 | 209.5 | 209.5 | 209.5 | 209.5 | 209.5 | 209.5 |
| 2.5° | 218.8 | 217.5 | 216.2 | 216.2 | 214.9 | 213.6 | 205.6 | 198.9 | 190.9 | 185.5 | 180.1 |
| 5° | 228.2 | 226.9 | 224.2 | 222.9 | 220.2 | 218.8 | 201.5 | 186.8 | 174.8 | 165.5 | 158.8 |
| 7.5° | 237.6 | 236.2 | 232.2 | 228.2 | 226.9 | 224.2 | 196.1 | 177.5 | 161.5 | 150.8 | 144.1 |
| 10° | 249.6 | 245.6 | 241.5 | 236.2 | 232.2 | 228.2 | 190.9 | 166.8 | 149.5 | 140.1 | 133.5 |
| 12.5° | 266.9 | 260.2 | 253.6 | 246.9 | 241.5 | 234.9 | 188.1 | 157.5 | 140.1 | 129.4 | 122.8 |
| 15° | 287.0 | 277.6 | 269.6 | 261.6 | 252.2 | 245.6 | 182.9 | 149.5 | 132.1 | 121.4 | 113.4 |
| 17.5° | 305.6 | 295.0 | 282.9 | 270.9 | 261.6 | 252.2 | 177.5 | 141.5 | 124.1 | 113.4 | 105.4 |
| 20° | 332.3 | 316.3 | 301.6 | 287.0 | 273.6 | 261.6 | 169.5 | 133.5 | 117.5 | 105.4 | 97.4 |
| 22.5° | 361.7 | 343.0 | 324.3 | 304.3 | 287.0 | 270.9 | 162.8 | 126.8 | 110.8 | 98.7 | 89.4 |
| 25° | 399.1 | 376.4 | 351.0 | 325.7 | 305.6 | 284.2 | 156.1 | 120.1 | 104.1 | 92.0 | 82.7 |
| 27.5° | 451.1 | 419.0 | 391.1 | 359.0 | 328.3 | 304.3 | 150.8 | 114.7 | 97.4 | 85.4 | 76.0 |
| 30° | 521.8 | 475.1 | 431.1 | 396.3 | 360.3 | 325.7 | 145.5 | 108.1 | 92.0 | 78.8 | 68.0 |
| 32.5° | 600.6 | 545.8 | 495.1 | 443.1 | 397.7 | 357.7 | 140.1 | 102.8 | 85.4 | 72.1 | 62.7 |
| 35° | 698.0 | 628.6 | 560.5 | 500.4 | 445.8 | 392.4 | 134.8 | 97.4 | 80.1 | 65.4 | 56.1 |
| 37.5° | 838.2 | 751.4 | 662.0 | 584.6 | 513.8 | 443.1 | 130.8 | 92.0 | 73.4 | 58.7 | 49.4 |
| 40° | 1030.3 | 918.2 | 808.8 | 703.3 | 611.2 | 523.1 | 125.5 | 86.8 | 68.0 | 53.4 | 44.0 |
| 42.5° | 1238.5 | 1102.4 | 958.3 | 839.5 | 712.7 | 601.9 | 120.1 | 81.4 | 62.7 | 48.0 | 38.7 |
| 45° | 1497.4 | 1327.9 | 1153.1 | 991.6 | 836.8 | 694.0 | 114.7 | 76.0 | 56.1 | 42.7 | 33.4 |
| 47.5° | 1780.3 | 1564.1 | 1366.6 | 1163.7 | 979.6 | 808.8 | 108.1 | 72.1 | 50.7 | 37.4 | 29.4 |
| 50° | 2071.2 | 1843.1 | 1593.5 | 1362.6 | 1143.8 | 923.5 | 101.5 | 65.4 | 45.4 | 33.4 | 24.0 |
| 52.5° | 2384.9 | 2115.3 | 1860.4 | 1573.5 | 1318.6 | 1074.3 | 94.8 | 60.0 | 41.4 | 29.4 | 20.0 |
| 55° | 2783.9 | 2482.4 | 2183.3 | 1861.7 | 1554.8 | 1249.2 | 88.1 | 53.4 | 36.0 | 25.3 | 16.0 |
| 57.5° | 3285.8 | 2928.1 | 2561.1 | 2198.0 | 1825.7 | 1478.7 | 82.7 | 46.7 | 30.7 | 21.4 | 13.4 |
| 60° | 3759.5 | 3341.8 | 2897.3 | 2479.6 | 2059.3 | 1654.8 | 74.7 | 41.4 | 26.7 | 17.3 | 13.4 |
| 62.5° | 4005.1 | 3528.6 | 3049.5 | 2589.1 | 2140.7 | 1717.6 | 66.7 | 34.7 | 22.7 | 14.7 | 12.0 |
| 65° | 3945.0 | 3459.3 | 2994.8 | 2530.4 | 2091.3 | 1677.5 | 58.7 | 30.7 | 20.0 | 13.4 | 12.0 |
| 66° | 3858.3 | 3377.8 | 2910.7 | 2469.0 | 2049.9 | 1634.9 | 54.7 | 29.4 | 18.7 | 13.4 | 10.6 |
| 67.5° | 3668.8 | 3204.4 | 2758.6 | 2347.5 | 1936.5 | 1553.5 | 49.4 | 26.7 | 17.3 | 12.0 | 10.6 |
| 70° | 3133.6 | 2711.8 | 2355.6 | 1989.8 | 1654.8 | 1309.2 | 40.0 | 22.7 | 14.7 | 10.6 | 10.6 |
| 72.5° | 2074.0 | 1787.0 | 1549.4 | 1333.2 | 1114.4 | 864.8 | 33.4 | 18.7 | 12.0 | 10.6 | 9.3 |
| 75° | 782.1 | 707.3 | 607.3 | 545.8 | 476.4 | 417.7 | 26.7 | 12.0 | 9.3 | 9.3 | 9.3 |
| 77.5° | 138.8 | 128.1 | 113.4 | 104.1 | 96.1 | 88.1 | 21.4 | 8.0 | 8.0 | 9.3 | 9.3 |
| 80° | 93.4 | 86.8 | 78.8 | 72.1 | 66.7 | 60.0 | 14.7 | 6.7 | 8.0 | 8.0 | 9.3 |
| 82.5° | 66.7 | 62.7 | 58.7 | 53.4 | 49.4 | 44.0 | 9.3 | 6.7 | 8.0 | 8.0 | 8.0 |
| 85° | 40.0 | 37.4 | 34.7 | 32.0 | 28.0 | 26.7 | 6.7 | 6.7 | 6.7 | 8.0 | 8.0 |
| 87.5° | 10.6 | 9.3 | 10.6 | 10.6 | 8.0 | 9.3 | 5.4 | 5.4 | 5.4 | 6.7 | 6.7 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P163692

CATALOG NUMBER: OVF-F05-LED-E-U-SL3-HSS

CANDELA DISTRIBUTION (continued):

| | 145° | 155° | 165° | 175° | 180° |
|-------|-------|-------|-------|-------|-------|
| 0° | 209.5 | 209.5 | 209.5 | 209.5 | 209.5 |
| 2.5° | 177.5 | 177.5 | 174.8 | 178.8 | 178.8 |
| 5° | 153.5 | 153.5 | 152.1 | 153.5 | 153.5 |
| 7.5° | 140.1 | 138.8 | 138.8 | 138.8 | 140.1 |
| 10° | 128.1 | 126.8 | 126.8 | 126.8 | 126.8 |
| 12.5° | 117.5 | 116.1 | 114.7 | 116.1 | 116.1 |
| 15° | 108.1 | 105.4 | 105.4 | 105.4 | 105.4 |
| 17.5° | 100.1 | 97.4 | 96.1 | 96.1 | 96.1 |
| 20° | 92.0 | 88.1 | 88.1 | 88.1 | 88.1 |
| 22.5° | 84.0 | 80.1 | 80.1 | 80.1 | 80.1 |
| 25° | 76.0 | 72.1 | 72.1 | 72.1 | 72.1 |
| 27.5° | 69.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| 30° | 61.4 | 58.7 | 58.7 | 60.0 | 58.7 |
| 32.5° | 56.1 | 52.0 | 52.0 | 53.4 | 53.4 |
| 35° | 49.4 | 46.7 | 46.7 | 46.7 | 46.7 |
| 37.5° | 42.7 | 40.0 | 40.0 | 40.0 | 40.0 |
| 40° | 37.4 | 34.7 | 33.4 | 34.7 | 34.7 |
| 42.5° | 32.0 | 29.4 | 28.0 | 28.0 | 28.0 |
| 45° | 28.0 | 24.0 | 22.7 | 24.0 | 24.0 |
| 47.5° | 22.7 | 20.0 | 20.0 | 21.4 | 21.4 |
| 50° | 17.3 | 17.3 | 18.7 | 21.4 | 21.4 |
| 52.5° | 16.0 | 16.0 | 18.7 | 21.4 | 21.4 |
| 55° | 14.7 | 16.0 | 18.7 | 20.0 | 21.4 |
| 57.5° | 13.4 | 16.0 | 18.7 | 20.0 | 20.0 |
| 60° | 13.4 | 14.7 | 17.3 | 20.0 | 20.0 |
| 62.5° | 12.0 | 13.4 | 16.0 | 18.7 | 18.7 |
| 65° | 12.0 | 13.4 | 16.0 | 18.7 | 18.7 |
| 66° | 12.0 | 13.4 | 16.0 | 18.7 | 18.7 |
| 67.5° | 12.0 | 13.4 | 16.0 | 18.7 | 18.7 |
| 70° | 12.0 | 13.4 | 16.0 | 17.3 | 17.3 |
| 72.5° | 10.6 | 12.0 | 14.7 | 17.3 | 17.3 |
| 75° | 10.6 | 12.0 | 14.7 | 17.3 | 17.3 |
| 77.5° | 10.6 | 12.0 | 14.7 | 17.3 | 17.3 |
| 80° | 10.6 | 12.0 | 14.7 | 16.0 | 17.3 |
| 82.5° | 9.3 | 12.0 | 13.4 | 16.0 | 16.0 |
| 85° | 9.3 | 10.6 | 13.4 | 14.7 | 16.0 |
| 87.5° | 8.0 | 9.3 | 10.6 | 13.4 | 13.4 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)