

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: P179334

Luminaire Tested: **UTLD-F02-LED-E-U-T2-HSS-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P179334
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P34326)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: UTLD-F02-LED-E-U-T2-HSS-7030
Description: TRADITIONAIRE LED DOWNLIGHT LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ HOUSE SIDE SHIELD
Light Source: (14) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2171.2 lumens
Efficiency: N/A
Efficacy: 39.5 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 1' x H: 0.1')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B0 - U0 - G1

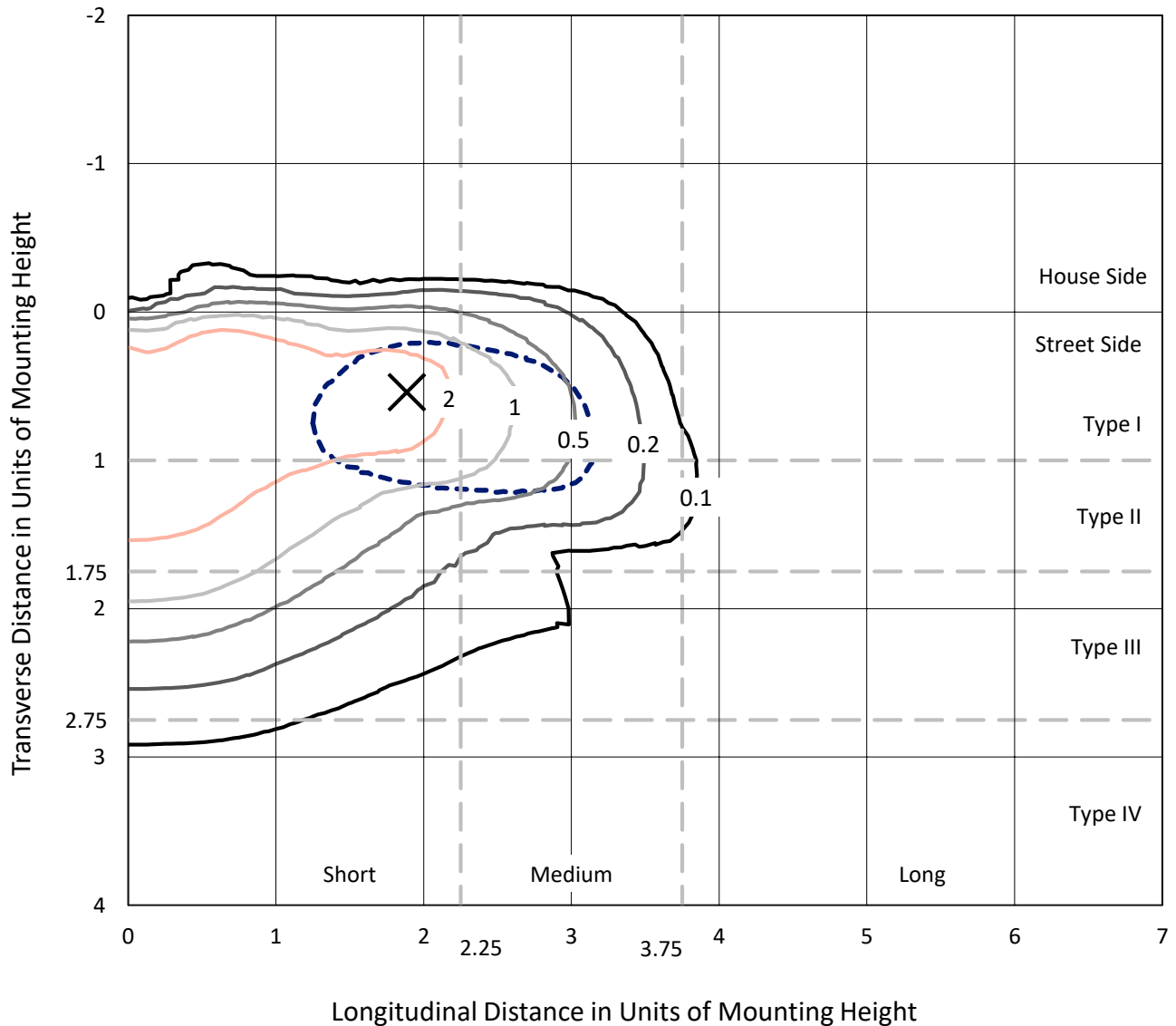
Input Watts (W): 55
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

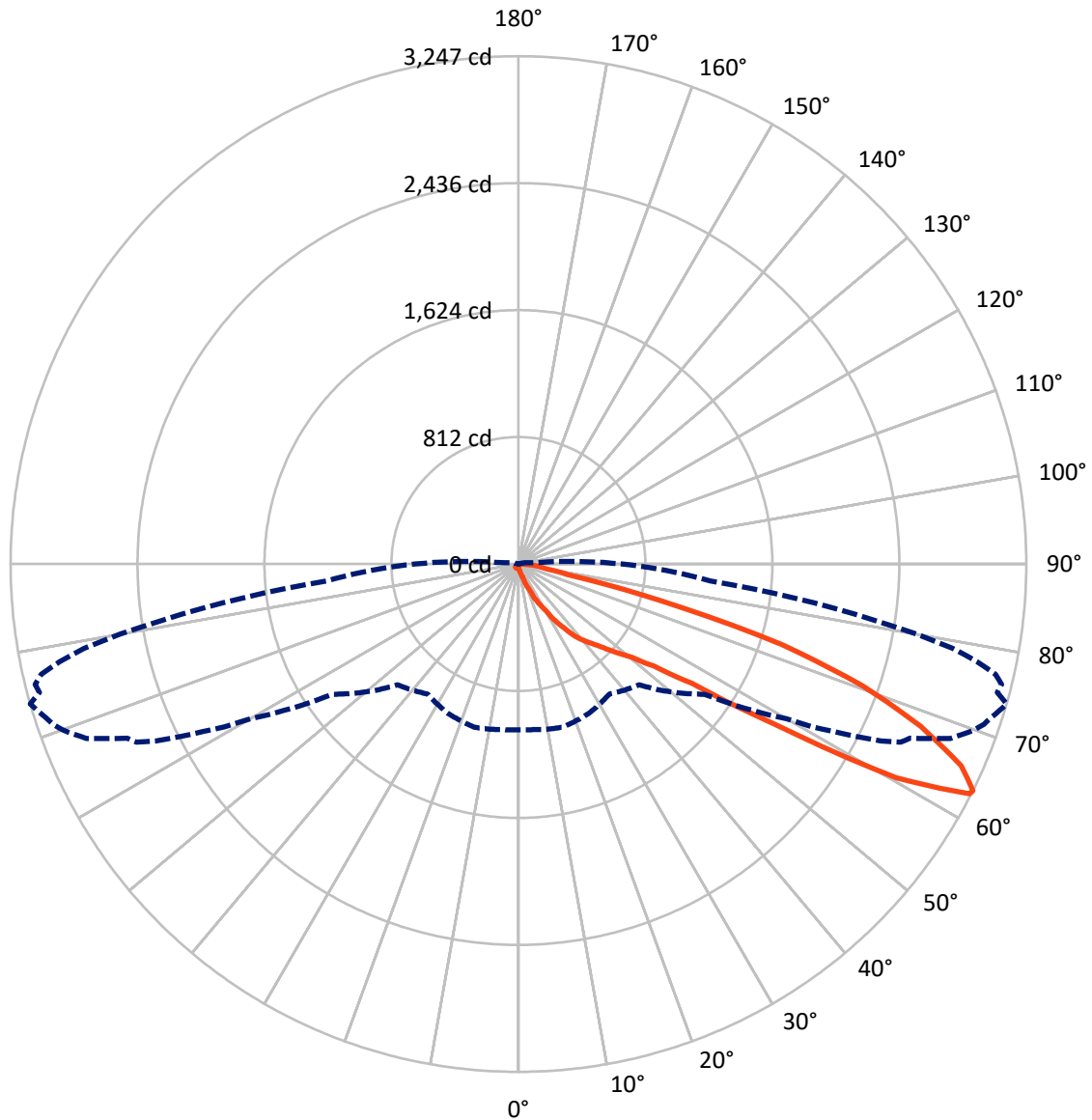


Based on 10 foot mounting height. Maximum calculated value = 4.2 fc
 Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 74-Deg Lateral - - - Horizontal Cone Through 63-Deg Vertical



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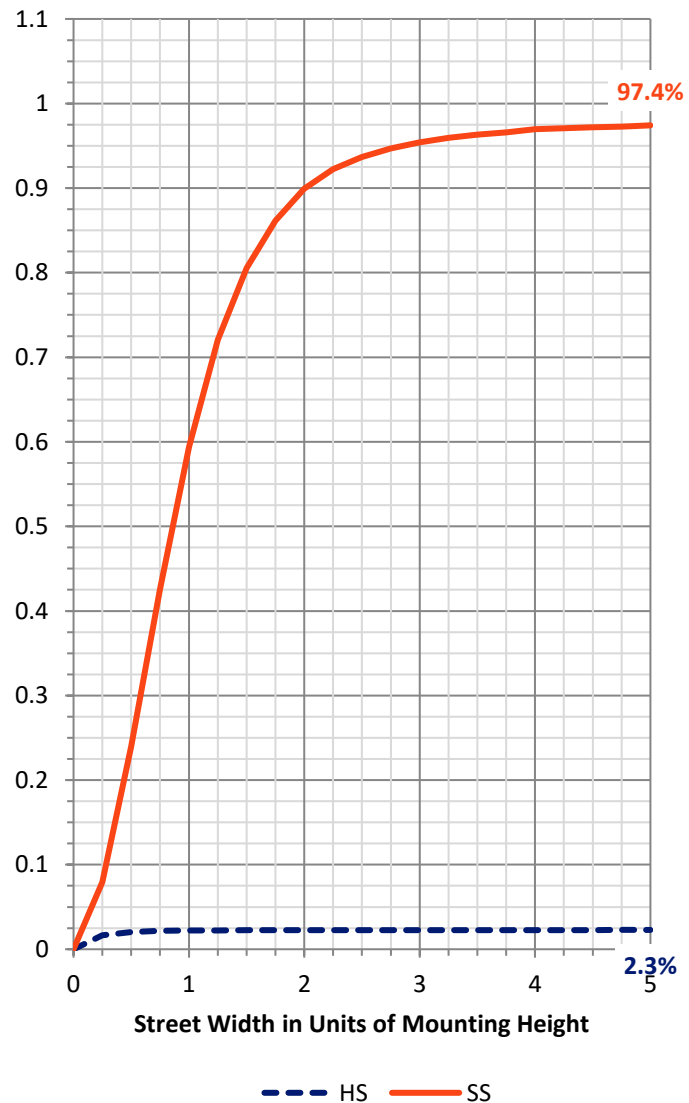
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 50.4 | 0.0 | 50.4 |
| | % Fixture | 2.3 | 0.0 | 2.3 |
| Street Side | Lumens | 2120.7 | 0.0 | 2120.7 |
| | % Fixture | 97.7 | 0.0 | 97.7 |
| Total | Lumens | 2171.2 | 0.0 | 2171.2 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 3.6 | 0.2 |
| 10°-20° | 25.0 | 1.2 |
| 20°-30° | 81.0 | 3.7 |
| 30°-40° | 193.7 | 8.9 |
| 40°-50° | 363.7 | 16.8 |
| 50°-60° | 571.6 | 26.3 |
| 60°-70° | 671.5 | 30.9 |
| 70°-80° | 230.6 | 10.6 |
| 80°-90° | 30.5 | 1.4 |
| 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° | 2171.2 | 100.0 |
| 0°-180° | 2171.2 | 100.0 |

Coefficient of Utilization



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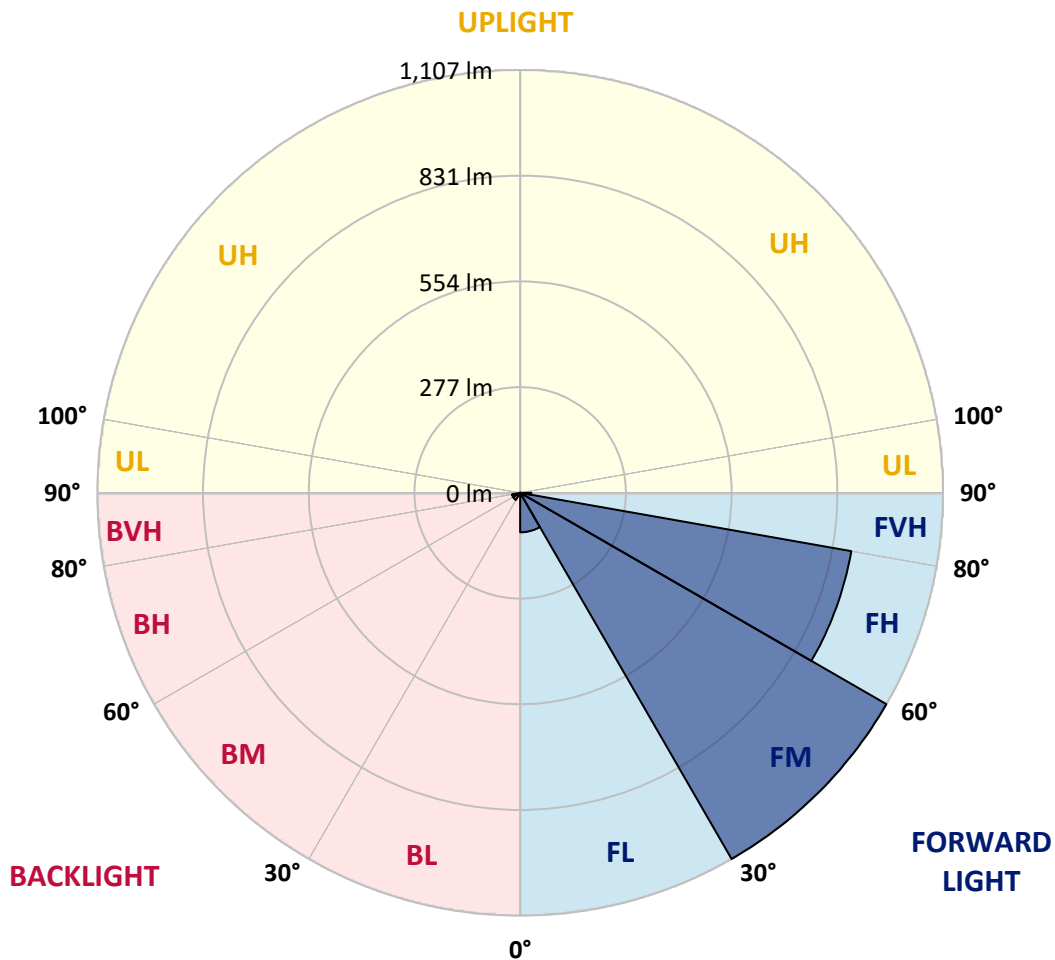
CATALOG NUMBER: UTLD-F02-LED-E-U-T2-HSS-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 103.4 | 4.8 | | | |
| FM | (30°-60°) | 1107.4 | 51.0 | | | |
| FH | (60°-80°) | 880.7 | 40.6 | | | G1/1800 |
| FVH | (80°-90°) | 29.2 | 1.3 | | | G1/100 |
| BL | (0°-30°) | 6.2 | 0.3 | B0/110 | | |
| BM | (30°-60°) | 21.6 | 1.0 | B0/220 | | |
| BH | (60°-80°) | 21.3 | 1.0 | B0/110 | | G0/110 |
| BVH | (80°-90°) | 1.4 | 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-G1

Type II Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 60° | 61° | 62° | 64° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 |
| 2.5° | 41.5 | 40.7 | 39.2 | 37.7 | 36.9 | 35.4 | 34.7 | 33.2 | 33.2 | 32.4 | 33.2 |
| 5° | 60.3 | 57.3 | 54.3 | 52.0 | 49.8 | 47.5 | 43.0 | 40.0 | 39.2 | 39.2 | 37.7 |
| 7.5° | 113.9 | 109.3 | 106.3 | 101.8 | 93.5 | 70.9 | 52.8 | 49.0 | 48.3 | 47.5 | 46.0 |
| 10° | 129.7 | 128.9 | 127.4 | 122.1 | 115.4 | 103.3 | 91.2 | 62.6 | 61.1 | 58.8 | 59.6 |
| 12.5° | 186.2 | 184.0 | 185.5 | 175.7 | 161.4 | 131.9 | 119.9 | 107.1 | 104.1 | 101.8 | 93.5 |
| 15° | 254.8 | 251.1 | 202.8 | 196.0 | 183.2 | 181.7 | 138.0 | 123.7 | 120.6 | 115.4 | 110.1 |
| 17.5° | 269.9 | 272.2 | 268.4 | 252.6 | 224.7 | 201.3 | 196.8 | 156.8 | 152.3 | 150.0 | 144.0 |
| 20° | 347.6 | 347.6 | 332.5 | 274.5 | 275.2 | 251.8 | 227.7 | 199.8 | 180.2 | 175.7 | 181.7 |
| 22.5° | 358.9 | 360.4 | 355.9 | 360.4 | 295.6 | 297.8 | 300.1 | 283.5 | 276.7 | 268.4 | 257.9 |
| 25° | 420.0 | 422.2 | 411.7 | 369.5 | 382.3 | 346.1 | 347.6 | 326.5 | 315.9 | 333.3 | 330.2 |
| 27.5° | 477.3 | 478.8 | 418.5 | 417.7 | 404.1 | 417.0 | 435.1 | 416.2 | 410.9 | 403.4 | 389.1 |
| 30° | 502.2 | 505.2 | 486.3 | 504.4 | 481.0 | 453.9 | 477.3 | 504.4 | 499.1 | 486.3 | 490.1 |
| 32.5° | 610.0 | 611.5 | 600.9 | 542.9 | 541.4 | 542.1 | 576.8 | 558.0 | 551.2 | 536.1 | 538.4 |
| 35° | 742.7 | 741.9 | 659.0 | 645.4 | 607.7 | 631.1 | 632.6 | 650.7 | 627.3 | 643.9 | 628.1 |
| 37.5° | 849.0 | 844.5 | 790.2 | 775.9 | 726.1 | 705.7 | 720.1 | 707.2 | 691.4 | 705.0 | 699.7 |
| 40° | 942.5 | 947.0 | 922.1 | 864.8 | 836.2 | 806.0 | 802.2 | 766.8 | 781.9 | 770.6 | 769.1 |
| 42.5° | 1016.4 | 1023.9 | 1008.8 | 953.8 | 913.8 | 908.6 | 892.7 | 849.0 | 873.1 | 852.0 | 855.0 |
| 45° | 1107.6 | 1105.4 | 1077.5 | 1020.2 | 993.0 | 999.8 | 1009.6 | 975.7 | 977.2 | 969.6 | 952.3 |
| 47.5° | 1194.3 | 1193.6 | 1176.2 | 1095.6 | 1061.6 | 1079.0 | 1135.5 | 1128.0 | 1100.1 | 1111.4 | 1071.4 |
| 50° | 1268.2 | 1269.0 | 1248.6 | 1158.9 | 1115.9 | 1156.6 | 1266.7 | 1275.8 | 1262.2 | 1266.0 | 1219.2 |
| 52.5° | 1293.9 | 1295.4 | 1286.3 | 1195.1 | 1150.6 | 1212.4 | 1373.0 | 1419.8 | 1433.3 | 1437.1 | 1385.8 |
| 55° | 1268.2 | 1273.5 | 1271.2 | 1192.1 | 1149.8 | 1237.3 | 1465.8 | 1560.8 | 1596.2 | 1615.8 | 1584.9 |
| 57.5° | 1220.0 | 1224.5 | 1233.5 | 1183.8 | 1142.3 | 1245.6 | 1547.9 | 1753.8 | 1817.1 | 1857.8 | 1868.4 |
| 60° | 1163.4 | 1168.7 | 1195.8 | 1174.7 | 1131.0 | 1231.3 | 1591.7 | 1928.0 | 2041.1 | 2130.8 | 2272.5 |
| 62.5° | 1086.5 | 1091.8 | 1114.4 | 1093.3 | 1046.5 | 1131.0 | 1493.7 | 1976.2 | 2133.8 | 2262.0 | 2525.9 |
| 63° | 1060.1 | 1063.1 | 1080.5 | 1056.3 | 1014.1 | 1091.8 | 1451.4 | 1979.2 | 2146.6 | 2280.8 | 2579.4 |
| 65° | 833.9 | 839.9 | 859.6 | 833.9 | 824.9 | 902.5 | 1210.9 | 1882.0 | 2112.7 | 2258.2 | 2625.4 |
| 67.5° | 455.4 | 463.0 | 492.4 | 481.0 | 533.1 | 620.5 | 803.0 | 1373.8 | 1689.7 | 1896.3 | 2314.8 |
| 70° | 331.0 | 331.0 | 355.9 | 363.4 | 389.1 | 456.9 | 530.1 | 698.2 | 882.2 | 1122.7 | 1657.3 |
| 72.5° | 240.5 | 245.8 | 266.9 | 288.0 | 325.0 | 407.2 | 522.5 | 405.6 | 417.7 | 492.4 | 872.4 |
| 75° | 119.9 | 130.4 | 153.8 | 178.7 | 217.2 | 309.9 | 553.4 | 420.7 | 382.3 | 372.5 | 445.6 |
| 77.5° | 27.9 | 28.7 | 46.7 | 92.0 | 110.8 | 177.9 | 438.1 | 514.2 | 463.0 | 438.1 | 392.1 |
| 80° | 14.3 | 15.1 | 18.8 | 46.0 | 50.5 | 64.1 | 230.0 | 542.9 | 548.9 | 533.8 | 440.3 |
| 82.5° | 7.5 | 7.5 | 11.3 | 19.6 | 19.6 | 22.6 | 65.6 | 330.2 | 457.7 | 519.5 | 508.2 |
| 85° | 3.0 | 3.0 | 6.8 | 9.8 | 10.6 | 9.8 | 18.1 | 129.7 | 229.2 | 297.8 | 398.9 |
| 87.5° | 0.8 | 0.8 | 2.3 | 3.8 | 4.5 | 5.3 | 8.3 | 24.1 | 40.0 | 55.0 | 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):

| | 65° | 66° | 67° | 68° | 69° | 70° | 71° | 72° | 73° | 74° | 75° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 |
| 2.5° | 32.4 | 32.4 | 32.4 | 31.7 | 31.7 | 31.7 | 31.7 | 30.9 | 30.9 | 30.9 | 28.7 |
| 5° | 36.9 | 36.9 | 36.2 | 35.4 | 35.4 | 34.7 | 34.7 | 34.7 | 33.9 | 33.9 | 33.2 |
| 7.5° | 45.2 | 44.5 | 43.7 | 42.2 | 41.5 | 40.7 | 40.7 | 39.2 | 38.5 | 37.7 | 36.9 |
| 10° | 59.6 | 58.8 | 56.5 | 55.0 | 53.5 | 52.0 | 50.5 | 49.8 | 48.3 | 47.5 | 46.0 |
| 12.5° | 81.4 | 70.9 | 68.6 | 66.4 | 63.3 | 61.1 | 59.6 | 58.1 | 57.3 | 55.0 | 55.8 |
| 15° | 117.6 | 115.4 | 113.1 | 111.6 | 107.8 | 91.2 | 84.4 | 82.9 | 79.9 | 77.7 | 74.6 |
| 17.5° | 142.5 | 140.2 | 135.0 | 126.7 | 125.2 | 122.1 | 118.4 | 114.6 | 96.5 | 87.5 | 84.4 |
| 20° | 184.7 | 181.0 | 186.2 | 184.7 | 178.7 | 172.7 | 165.9 | 162.1 | 157.6 | 149.3 | 135.7 |
| 22.5° | 231.5 | 231.5 | 224.7 | 220.2 | 212.6 | 202.8 | 202.1 | 193.8 | 177.9 | 171.9 | 169.6 |
| 25° | 330.2 | 334.8 | 321.2 | 303.9 | 302.4 | 293.3 | 271.4 | 260.1 | 252.6 | 244.3 | 240.5 |
| 27.5° | 392.1 | 377.8 | 364.9 | 364.2 | 355.1 | 327.2 | 315.2 | 309.1 | 312.9 | 293.3 | 281.2 |
| 30° | 474.3 | 463.7 | 460.7 | 447.1 | 430.5 | 410.2 | 406.4 | 398.1 | 377.0 | 349.1 | 333.3 |
| 32.5° | 530.8 | 536.1 | 545.9 | 530.8 | 511.2 | 505.9 | 503.7 | 481.0 | 452.4 | 433.5 | 415.5 |
| 35° | 637.1 | 629.6 | 615.3 | 591.9 | 585.9 | 585.9 | 569.3 | 535.3 | 515.0 | 502.9 | 498.4 |
| 37.5° | 698.2 | 686.9 | 665.8 | 654.5 | 657.5 | 652.2 | 613.8 | 594.9 | 585.9 | 582.8 | 553.4 |
| 40° | 763.8 | 741.9 | 723.1 | 726.1 | 732.9 | 695.2 | 674.1 | 663.5 | 666.5 | 642.4 | 605.5 |
| 42.5° | 837.7 | 809.0 | 799.2 | 816.6 | 781.1 | 753.2 | 736.7 | 742.7 | 729.9 | 695.2 | 671.1 |
| 45° | 922.9 | 894.2 | 900.3 | 895.0 | 851.3 | 825.6 | 827.9 | 815.1 | 790.9 | 764.5 | 741.2 |
| 47.5° | 1024.7 | 1010.4 | 1028.4 | 975.7 | 938.0 | 929.7 | 924.4 | 898.8 | 867.1 | 846.0 | 824.1 |
| 50° | 1175.5 | 1183.0 | 1166.4 | 1103.8 | 1069.2 | 1066.9 | 1036.7 | 999.0 | 973.4 | 938.0 | 904.0 |
| 52.5° | 1376.0 | 1397.9 | 1348.1 | 1298.4 | 1277.3 | 1261.4 | 1211.7 | 1168.7 | 1125.7 | 1082.7 | 1032.2 |
| 55° | 1592.4 | 1635.4 | 1579.6 | 1557.0 | 1550.2 | 1560.0 | 1501.2 | 1457.5 | 1404.7 | 1345.1 | 1283.3 |
| 57.5° | 1954.4 | 1965.7 | 1928.7 | 1960.4 | 1985.3 | 1989.0 | 2004.1 | 1971.7 | 1951.3 | 1934.0 | 1873.7 |
| 60° | 2418.8 | 2438.4 | 2473.1 | 2584.7 | 2629.9 | 2694.0 | 2709.9 | 2752.1 | 2761.1 | 2776.2 | 2727.2 |
| 62.5° | 2666.1 | 2709.1 | 2819.9 | 2951.1 | 3008.4 | 3069.5 | 3118.5 | 3157.0 | 3187.1 | 3236.1 | 3150.9 |
| 63° | 2695.5 | 2739.3 | 2856.1 | 2979.0 | 3039.3 | 3101.9 | 3147.9 | 3178.1 | 3212.8 | 3247.4 | 3169.8 |
| 65° | 2691.0 | 2739.3 | 2887.8 | 2953.4 | 3018.2 | 3052.9 | 3094.4 | 3096.7 | 3160.7 | 3111.7 | 3103.4 |
| 67.5° | 2386.4 | 2513.8 | 2617.9 | 2688.7 | 2743.8 | 2770.9 | 2788.3 | 2809.4 | 2852.4 | 2775.4 | 2818.4 |
| 70° | 1872.2 | 2035.0 | 2127.8 | 2215.2 | 2286.1 | 2306.5 | 2321.5 | 2387.9 | 2329.1 | 2335.9 | 2323.8 |
| 72.5° | 1065.4 | 1318.0 | 1475.6 | 1569.8 | 1686.7 | 1707.8 | 1743.2 | 1799.0 | 1723.6 | 1762.1 | 1728.2 |
| 75° | 571.5 | 670.3 | 807.5 | 904.0 | 950.8 | 996.0 | 1039.8 | 1006.6 | 985.5 | 939.5 | 930.4 |
| 77.5° | 411.7 | 422.2 | 433.5 | 425.3 | 413.2 | 410.2 | 391.3 | 355.1 | 345.3 | 316.7 | 302.4 |
| 80° | 412.4 | 373.2 | 328.0 | 270.7 | 210.4 | 183.2 | 171.9 | 168.1 | 168.1 | 168.1 | 158.3 |
| 82.5° | 466.7 | 417.7 | 359.7 | 288.0 | 223.2 | 175.7 | 145.5 | 141.0 | 138.0 | 138.0 | 128.9 |
| 85° | 379.3 | 374.0 | 331.8 | 265.4 | 208.1 | 157.6 | 122.1 | 99.5 | 91.2 | 81.4 | 77.7 |
| 87.5° | 92.0 | 95.8 | 83.7 | 73.1 | 61.1 | 48.3 | 42.2 | 33.9 | 28.7 | 26.4 | 24.9 |
| 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):

| | 76° | 77° | 78° | 79° | 80° | 85° | 95° | 105° | 115° | 125° | 135° |
|-------|--------|--------|--------|--------|--------|--------|-------|------|------|------|------|
| 0° | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 |
| 2.5° | 28.7 | 27.9 | 27.1 | 27.1 | 26.4 | 22.6 | 19.6 | 17.3 | 15.8 | 15.1 | 14.3 |
| 5° | 33.2 | 32.4 | 32.4 | 31.7 | 31.7 | 25.6 | 17.3 | 15.1 | 13.6 | 12.1 | 12.1 |
| 7.5° | 36.2 | 35.4 | 35.4 | 34.7 | 33.9 | 30.9 | 17.3 | 14.3 | 11.3 | 12.1 | 6.0 |
| 10° | 45.2 | 44.5 | 43.0 | 42.2 | 41.5 | 39.2 | 21.1 | 15.1 | 13.6 | 5.3 | 4.5 |
| 12.5° | 55.0 | 52.8 | 51.3 | 49.8 | 46.7 | 40.0 | 21.1 | 15.8 | 8.3 | 6.8 | 7.5 |
| 15° | 70.9 | 67.9 | 64.8 | 62.6 | 60.3 | 52.0 | 27.9 | 19.6 | 9.0 | 8.3 | 8.3 |
| 17.5° | 80.7 | 76.9 | 73.9 | 73.1 | 71.6 | 52.0 | 27.1 | 13.6 | 10.6 | 10.6 | 8.3 |
| 20° | 123.7 | 122.9 | 116.1 | 107.8 | 100.3 | 76.9 | 36.9 | 17.3 | 14.3 | 10.6 | 10.6 |
| 22.5° | 162.1 | 142.5 | 132.7 | 120.6 | 113.9 | 92.0 | 37.7 | 18.8 | 16.6 | 12.8 | 9.8 |
| 25° | 221.7 | 200.6 | 189.3 | 172.7 | 166.6 | 115.4 | 41.5 | 24.1 | 18.8 | 13.6 | 11.3 |
| 27.5° | 269.9 | 254.8 | 248.1 | 239.8 | 219.4 | 143.3 | 48.3 | 25.6 | 18.8 | 15.1 | 11.3 |
| 30° | 314.4 | 315.2 | 294.8 | 269.2 | 248.8 | 171.2 | 51.3 | 27.9 | 19.6 | 14.3 | 11.3 |
| 32.5° | 413.2 | 389.1 | 354.4 | 331.8 | 310.6 | 196.8 | 55.8 | 30.2 | 18.8 | 14.3 | 11.3 |
| 35° | 470.5 | 433.5 | 413.9 | 393.6 | 366.4 | 234.5 | 61.1 | 29.4 | 18.8 | 13.6 | 10.6 |
| 37.5° | 517.2 | 489.3 | 469.7 | 440.3 | 411.7 | 263.1 | 64.1 | 27.1 | 18.1 | 12.8 | 9.0 |
| 40° | 576.1 | 556.4 | 521.0 | 495.4 | 466.0 | 275.2 | 66.4 | 24.9 | 16.6 | 11.3 | 7.5 |
| 42.5° | 644.7 | 616.0 | 582.8 | 558.7 | 508.9 | 312.9 | 73.1 | 23.4 | 15.1 | 9.8 | 6.8 |
| 45° | 716.3 | 679.3 | 658.2 | 607.7 | 549.7 | 340.1 | 78.4 | 22.6 | 13.6 | 8.3 | 5.3 |
| 47.5° | 783.4 | 760.8 | 714.8 | 650.7 | 624.3 | 382.3 | 76.9 | 21.1 | 12.1 | 6.8 | 3.8 |
| 50° | 876.1 | 845.2 | 782.6 | 746.5 | 703.5 | 416.2 | 74.6 | 20.4 | 10.6 | 6.0 | 3.0 |
| 52.5° | 1005.8 | 940.2 | 891.2 | 849.8 | 777.4 | 463.7 | 73.1 | 18.8 | 9.0 | 4.5 | 1.5 |
| 55° | 1215.4 | 1112.9 | 1052.6 | 974.9 | 895.7 | 519.5 | 69.4 | 16.6 | 8.3 | 3.8 | 1.5 |
| 57.5° | 1723.6 | 1612.8 | 1483.1 | 1335.3 | 1194.3 | 649.9 | 67.9 | 15.1 | 6.8 | 2.3 | 0.8 |
| 60° | 2624.7 | 2552.3 | 2361.5 | 2122.5 | 1922.7 | 914.6 | 73.1 | 12.8 | 5.3 | 1.5 | 0.8 |
| 62.5° | 3150.2 | 3083.8 | 2948.1 | 2775.4 | 2507.0 | 1192.1 | 82.2 | 10.6 | 3.8 | 1.5 | 0.8 |
| 63° | 3184.1 | 3130.6 | 2997.1 | 2827.5 | 2585.4 | 1230.5 | 86.7 | 10.6 | 3.8 | 1.5 | 0.8 |
| 65° | 3120.8 | 3074.0 | 2999.4 | 2867.4 | 2709.9 | 1342.1 | 100.3 | 9.8 | 3.0 | 1.5 | 0.8 |
| 67.5° | 2802.6 | 2752.8 | 2701.6 | 2646.5 | 2534.2 | 1378.3 | 110.1 | 9.0 | 2.3 | 1.5 | 0.8 |
| 70° | 2317.8 | 2272.5 | 2216.7 | 2192.6 | 2131.5 | 1288.6 | 115.4 | 8.3 | 2.3 | 1.5 | 0.8 |
| 72.5° | 1692.0 | 1639.9 | 1594.7 | 1529.1 | 1471.0 | 974.9 | 85.2 | 8.3 | 1.5 | 1.5 | 0.8 |
| 75° | 859.6 | 805.3 | 700.5 | 651.5 | 600.9 | 408.7 | 34.7 | 6.8 | 1.5 | 1.5 | 0.8 |
| 77.5° | 251.1 | 225.4 | 182.5 | 147.8 | 112.3 | 73.1 | 12.8 | 4.5 | 1.5 | 1.5 | 0.8 |
| 80° | 148.5 | 125.9 | 104.1 | 82.2 | 66.4 | 35.4 | 7.5 | 3.0 | 1.5 | 2.3 | 0.8 |
| 82.5° | 121.4 | 108.6 | 89.7 | 73.9 | 58.1 | 26.4 | 5.3 | 3.0 | 2.3 | 2.3 | 0.8 |
| 85° | 70.1 | 63.3 | 53.5 | 43.0 | 36.2 | 18.8 | 3.8 | 3.0 | 2.3 | 3.0 | 0.8 |
| 87.5° | 25.6 | 23.4 | 21.9 | 21.1 | 19.6 | 13.6 | 3.8 | 3.8 | 3.0 | 3.8 | 0.8 |
| 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: UTLD-F02-LED-E-U-T2-HSS-7030

CANDELA DISTRIBUTION (continued):

| | 145° | 155° | 165° | 175° | 180° |
|-------|------|------|------|------|------|
| 0° | 21.1 | 21.1 | 21.1 | 21.1 | 21.1 |
| 2.5° | 13.6 | 14.3 | 14.3 | 14.3 | 14.3 |
| 5° | 12.8 | 12.8 | 11.3 | 9.0 | 9.0 |
| 7.5° | 5.3 | 6.0 | 6.0 | 6.0 | 6.0 |
| 10° | 4.5 | 7.5 | 8.3 | 8.3 | 8.3 |
| 12.5° | 6.8 | 6.8 | 7.5 | 7.5 | 8.3 |
| 15° | 6.8 | 8.3 | 9.0 | 9.0 | 9.0 |
| 17.5° | 9.0 | 7.5 | 8.3 | 8.3 | 9.0 |
| 20° | 8.3 | 9.0 | 9.0 | 9.0 | 9.0 |
| 22.5° | 9.8 | 9.0 | 8.3 | 9.0 | 9.0 |
| 25° | 9.0 | 9.0 | 8.3 | 8.3 | 8.3 |
| 27.5° | 9.0 | 8.3 | 8.3 | 8.3 | 8.3 |
| 30° | 9.0 | 8.3 | 7.5 | 7.5 | 7.5 |
| 32.5° | 8.3 | 7.5 | 7.5 | 6.8 | 6.8 |
| 35° | 7.5 | 6.0 | 6.8 | 6.8 | 6.8 |
| 37.5° | 6.8 | 5.3 | 5.3 | 6.0 | 5.3 |
| 40° | 5.3 | 4.5 | 3.8 | 4.5 | 4.5 |
| 42.5° | 3.8 | 3.0 | 3.0 | 3.0 | 3.0 |
| 45° | 3.0 | 1.5 | 1.5 | 1.5 | 1.5 |
| 47.5° | 1.5 | 0.8 | 0.8 | 0.8 | 0.8 |
| 50° | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| 52.5° | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| 55° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 57.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 60° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 62.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 63° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.8 | 0.8 | 0.8 | 0.0 | 0.0 |
| 75° | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 77.5° | 1.5 | 1.5 | 1.5 | 0.8 | 0.8 |
| 80° | 2.3 | 1.5 | 1.5 | 0.8 | 0.8 |
| 82.5° | 2.3 | 2.3 | 2.3 | 1.5 | 0.8 |
| 85° | 3.0 | 2.3 | 2.3 | 2.3 | 0.8 |
| 87.5° | 3.8 | 3.0 | 3.0 | 2.3 | 0.8 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)