

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: P266499

Luminaire Tested: **UTLD-AF24-90-D-U-SL3-7027**

Issue Date: 5/28/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P266499  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-1710-388-12-U0)  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/28/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: UTLD-AF24-90-D-U-SL3-7027  
Description: TRADITIONAIRE LED DOWNLIGHT LUMINAIRE  
(1) 70 CRI, 2700K, 1180mA LIGHT ENGINE WITH 24 LEDS AND TYPE III SPILL  
LIGHT ELIMINATOR OPTICS  
PHOTOMETRIC DATA REPORTED FOR LOWER HEMISPHERE ONLY. MINIMAL LIGHT IN  
UPPER HEMISPHERE NOT REPORTED.  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

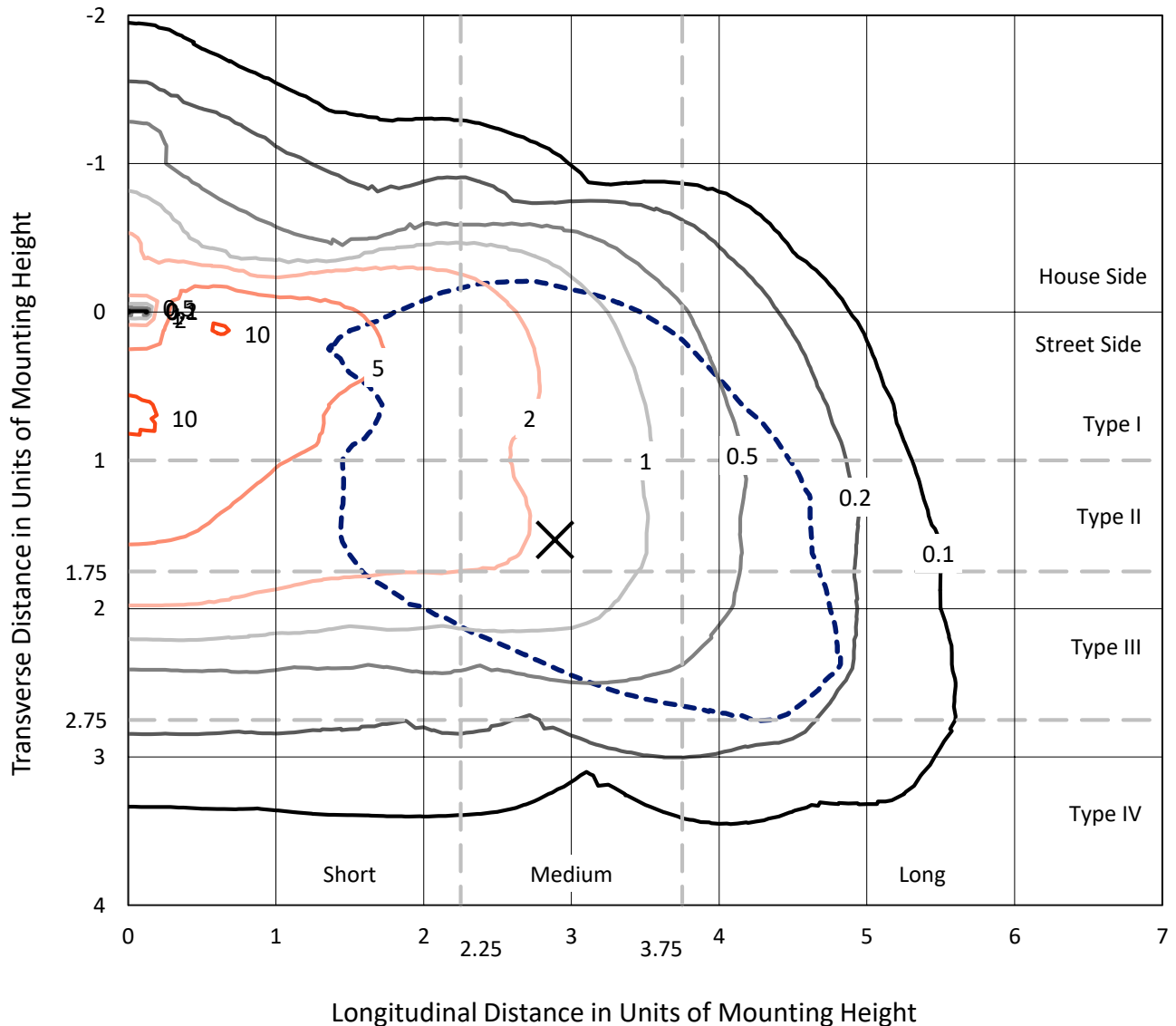
Lumens per Lamp: N/A  
Luminaire Lumens: 7336.6 lumens  
Efficiency: N/A  
Efficacy: 78.0 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 1.21' x L: 1.21' x H: 0.96')  
IES Classification: Type III - Medium - Non-Cutoff  
BUG Rating: B1 - U0 - G3  
  
Input Watts (W): 94  
Input Voltage (V): 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: P266499  
 CATALOG NUMBER: UTLD-AF24-90-D-U-SL3-7027

### Iso-Footcandle Lines of Horizontal Illumination

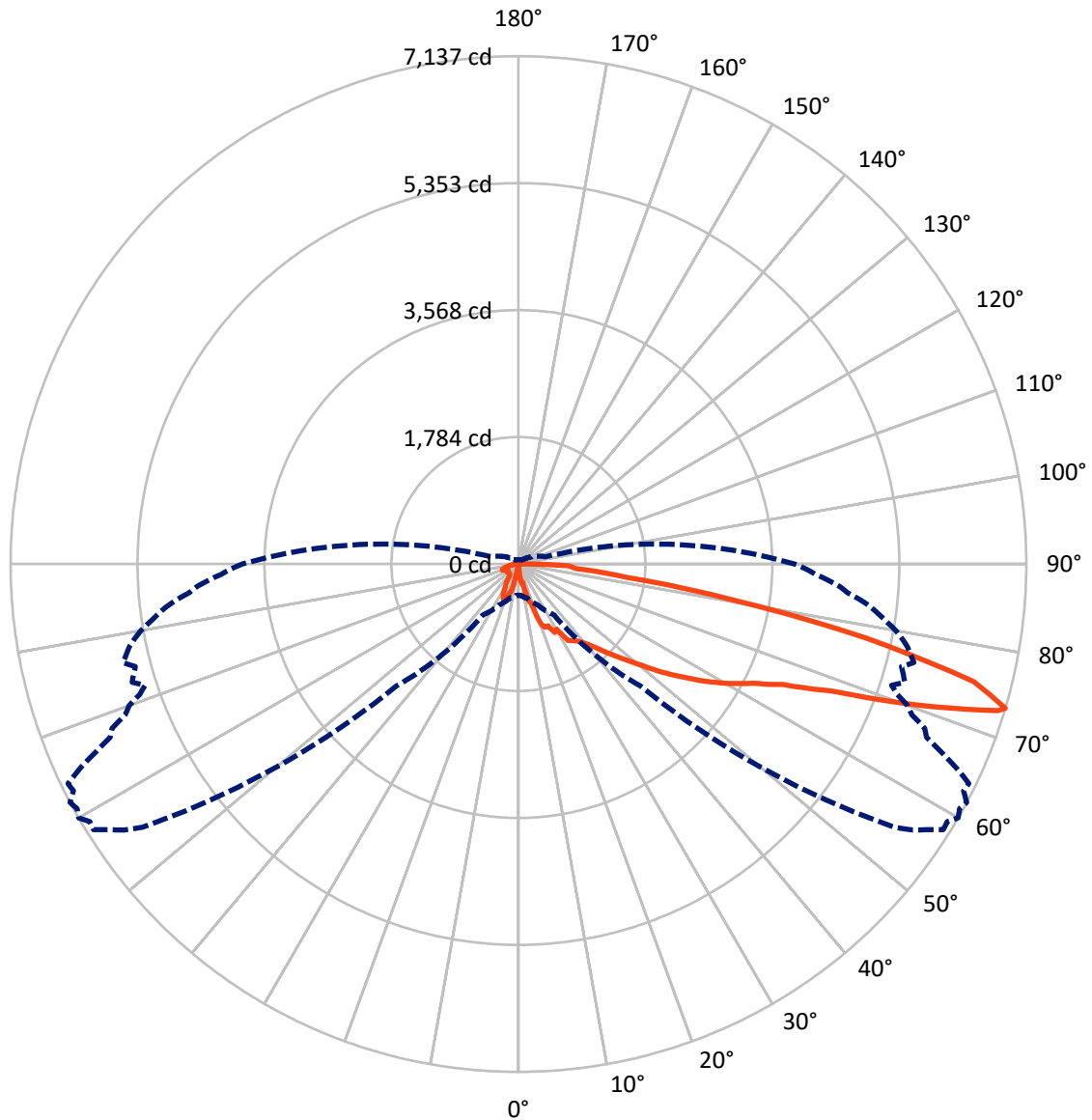
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 11.6 fc  
 Type III - Medium - Non-Cutoff

REPORT NUMBER: P266499  
CATALOG NUMBER: UTLD-AF24-90-D-U-SL3-7027

### Luminous Intensity Polar Plot



— Vertical Plane Through 62-Deg Lateral      - - - Horizontal Cone Through 73-Deg Vertical

REPORT NUMBER: P266499

CATALOG NUMBER: UTLD-AF24-90-D-U-SL3-7027

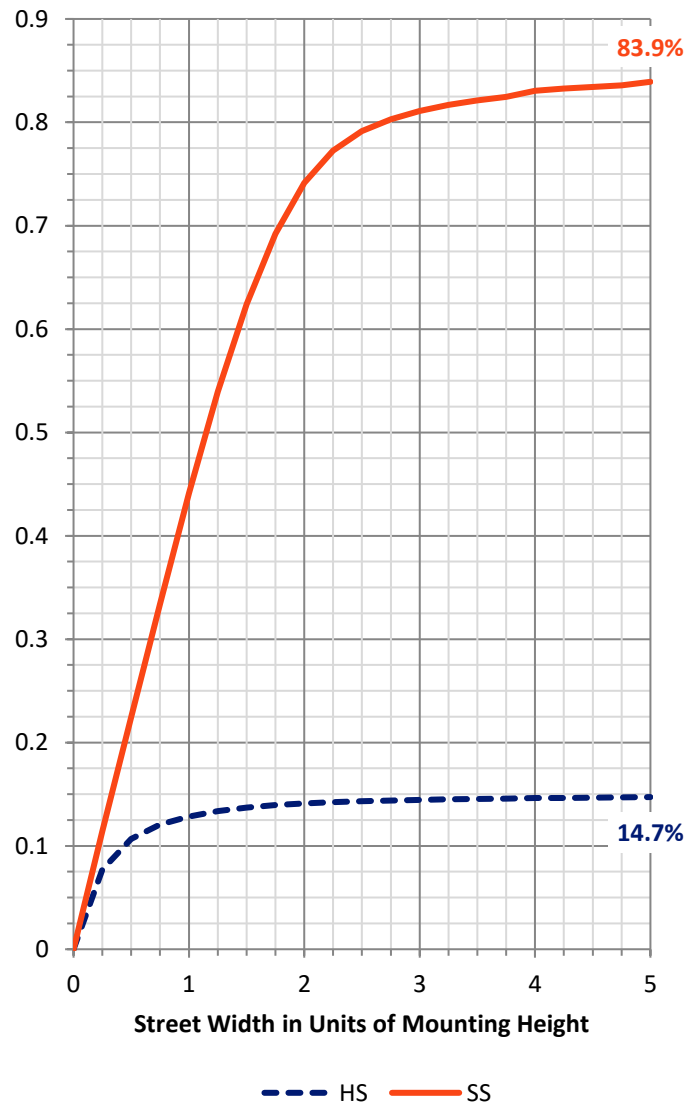
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1097.5	0.0	1097.5
	% Fixture	15.0	0.0	15.0
<b>Street Side</b>	Lumens	6239.1	0.0	6239.1
	% Fixture	85.0	0.0	85.0
<b>Total</b>	Lumens	7336.6	0.0	7336.6
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	11.7	0.2
10°-20°	128.6	1.8
20°-30°	342.9	4.7
30°-40°	619.1	8.4
40°-50°	1001.0	13.6
50°-60°	1535.4	20.9
60°-70°	1895.7	25.8
70°-80°	1528.6	20.8
80°-90°	273.6	3.7
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°	7336.6	100.0
0°-180°	7336.6	100.0



REPORT NUMBER: P266499

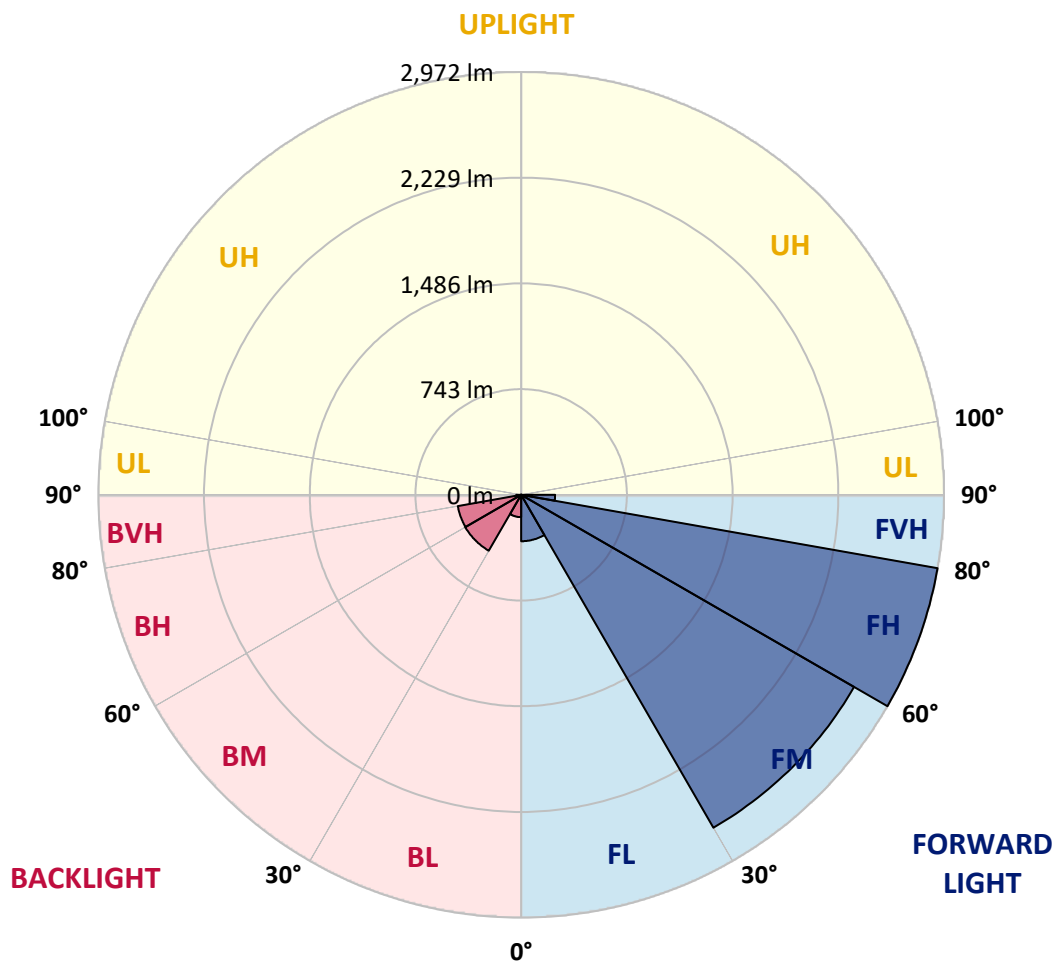
CATALOG NUMBER: UTLD-AF24-90-D-U-SL3-7027

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	326.3	4.4			
FM (30°-60°)	2701.8	36.8			
FH (60°-80°)	2972.1	40.5			G2/5000
FVH (80°-90°)	238.9	3.3			G3/500
BL (0°-30°)	156.8	2.1	B1/500		
BM (30°-60°)	453.6	6.2	B1/1000		
BH (60°-80°)	452.2	6.2	B1/500		G1/500
BVH (80°-90°)	34.8	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B1-U0-G3**

Type III Medium





REPORT NUMBER: P266499

CATALOG NUMBER: UTLD-AF24-90-D-U-SL3-7027

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	30.5	24.4	22.6	17.4	11.3	4.3	1.7	1.7	1.7	1.7	1.7
5°	303.9	303.9	303.9	306.6	306.6	281.3	34.9	34.0	33.1	30.5	26.1
7.5°	291.8	291.0	291.8	293.6	295.4	297.9	303.2	303.2	302.3	302.3	303.9
10°	548.8	550.5	445.1	318.8	292.7	292.7	297.0	297.9	297.0	297.0	297.0
12.5°	534.0	532.2	534.0	537.5	547.1	309.2	298.7	302.3	304.9	307.5	307.5
15°	552.3	546.2	528.7	523.5	531.3	488.7	574.0	575.9	568.8	560.2	526.1
17.5°	733.5	730.9	736.2	712.5	529.6	710.7	690.7	688.2	648.0	541.8	526.1
20°	721.2	720.4	721.2	725.7	837.9	695.9	684.7	686.5	655.0	671.7	756.2
22.5°	944.3	943.4	940.7	737.0	820.6	790.1	853.7	860.7	865.0	873.7	922.5
25°	980.9	973.9	957.4	888.6	814.5	917.3	838.8	847.6	852.9	886.7	928.6
27.5°	1312.8	1293.6	1133.3	965.1	918.2	905.0	987.0	1045.3	1061.0	1074.1	1085.4
30°	1493.1	1450.4	1342.3	1209.9	1003.4	978.3	1031.3	1041.9	1077.5	1106.4	1068.9
32.5°	1998.3	1918.2	1648.1	1332.7	1174.3	1108.9	1040.1	1058.5	1171.6	1190.9	1200.3
35°	2113.4	2044.5	1851.9	1614.2	1288.3	1190.0	1199.4	1220.3	1259.7	1217.8	1279.6
37.5°	2119.5	2100.1	2004.4	1776.2	1498.4	1343.2	1283.0	1323.3	1328.5	1292.8	1350.2
40°	2142.0	2150.7	2210.9	1959.2	1671.7	1541.9	1411.1	1459.0	1406.8	1448.6	1459.0
42.5°	2257.0	2282.2	2393.8	2186.5	1865.9	1728.2	1606.3	1647.2	1568.8	1624.7	1588.1
45°	2561.0	2578.4	2623.8	2362.5	2095.8	1908.5	1850.1	1874.7	1793.6	1847.6	1769.2
47.5°	2940.8	2917.3	2879.8	2527.0	2301.5	2108.1	2094.9	2047.1	2041.8	2055.0	1994.9
50°	3233.4	3199.6	3055.9	2690.9	2473.0	2306.7	2356.3	2265.7	2327.6	2274.5	2274.5
52.5°	3351.0	3315.5	3161.2	2799.7	2607.2	2507.9	2635.9	2523.6	2606.3	2496.6	2564.5
55°	3335.4	3317.1	3204.8	2858.0	2710.8	2709.1	2912.0	2823.3	2890.2	2760.5	2865.1
57.5°	3229.1	3228.2	3192.5	2912.9	2805.0	2891.1	3199.6	3158.6	3184.8	3118.6	3178.7
60°	2945.3	2952.2	3033.1	2915.5	2938.3	3079.3	3482.6	3522.8	3488.7	3473.0	3518.3
62.5°	2399.1	2412.9	2629.9	2740.5	3018.3	3347.7	3762.3	3873.9	3762.3	3850.2	3842.4
65°	1580.2	1634.1	1976.5	2378.2	2931.3	3716.1	4256.2	4352.8	4176.8	4286.7	4253.6
67.5°	831.9	853.7	1094.0	1656.8	2578.4	3925.1	5263.2	5302.3	5068.1	5175.1	5055.8
70°	577.5	583.5	642.0	882.5	1742.3	3708.3	6240.5	6439.9	6345.1	6410.5	6233.6
72.5°	456.5	465.1	523.5	649.8	921.7	2774.4	6502.7	6765.9	6886.0	7075.1	7049.8
73°	439.0	444.2	501.8	633.2	873.7	2426.1	6444.4	6684.7	6850.4	7041.1	7028.9
75°	322.3	342.3	426.9	582.8	794.5	1314.5	5622.0	5902.6	6179.6	6386.9	6420.8
77.5°	165.5	165.5	195.1	467.7	746.5	842.3	3780.5	4075.0	4496.6	4657.7	4729.1
80°	136.7	137.6	146.3	205.6	683.8	828.3	2025.3	2381.5	2695.2	2885.0	2972.2
82.5°	103.7	115.1	128.1	142.0	318.8	845.8	1001.8	1199.4	1368.5	1462.6	1533.1
85°	78.4	84.5	112.4	119.4	163.9	1013.1	830.2	839.7	844.9	845.8	868.5
87.5°	45.4	48.8	87.1	98.5	115.8	848.4	928.6	872.9	820.6	784.8	736.2
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: P266499

CATALOG NUMBER: UTLD-AF24-90-D-U-SL3-7027

**CANDELA DISTRIBUTION (continued):**

	60°	61°	62°	63°	64°	65°	66°	67°	68°	69°	70°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	1.7	1.7	1.7	0.9	1.7	1.7	1.7	1.7	0.9	0.9	0.9
5°	23.5	19.1	19.1	14.8	13.0	10.5	6.9	6.1	4.3	3.6	2.6
7.5°	303.9	297.0	239.6	194.3	126.3	47.0	37.5	34.9	32.2	28.7	24.4
10°	297.0	297.0	284.0	251.7	237.0	237.8	237.0	237.0	237.0	226.6	177.8
12.5°	285.8	256.0	263.9	344.1	361.5	372.8	440.8	449.5	584.4	588.0	591.4
15°	515.6	519.2	541.8	581.9	584.4	587.1	588.0	590.5	595.8	599.3	602.9
17.5°	530.4	562.7	581.1	580.1	582.8	586.2	592.3	598.5	602.9	609.8	615.0
20°	885.0	941.7	898.0	847.6	858.1	864.1	869.4	875.5	881.5	887.6	865.0
22.5°	946.9	955.5	965.1	971.2	934.6	931.3	900.7	888.6	885.9	852.0	898.9
25°	940.7	951.2	961.6	930.4	937.3	1048.9	1166.4	1177.7	1162.9	1171.6	1183.8
27.5°	1093.2	1104.6	1088.8	1104.6	1152.4	1162.9	1166.4	1155.9	1207.3	1202.1	1179.5
30°	1078.4	1082.7	1061.8	1123.7	1140.3	1152.4	1134.2	1219.4	1321.4	1338.0	1439.1
32.5°	1253.6	1230.0	1283.9	1308.4	1321.4	1300.6	1357.2	1370.3	1389.4	1419.1	1445.2
35°	1278.7	1264.9	1322.3	1331.1	1329.3	1343.2	1369.3	1361.6	1412.0	1438.1	1467.8
37.5°	1313.6	1366.7	1376.4	1382.4	1350.2	1405.0	1392.9	1441.7	1462.6	1486.1	1553.2
40°	1415.5	1469.5	1474.7	1458.2	1477.4	1493.1	1505.3	1526.2	1544.5	1583.6	1683.0
42.5°	1593.2	1619.4	1611.5	1566.3	1625.5	1591.4	1642.9	1655.9	1676.9	1767.4	1802.3
45°	1825.8	1820.5	1798.9	1778.7	1804.1	1798.0	1813.6	1824.1	1883.2	1972.1	1978.2
47.5°	2056.7	2048.9	1996.6	2036.6	1990.5	2031.3	2029.7	2037.4	2152.5	2167.3	2191.7
50°	2298.0	2286.6	2231.7	2279.7	2237.0	2271.9	2270.9	2315.4	2405.1	2403.3	2427.0
52.5°	2552.4	2522.7	2521.8	2502.7	2519.1	2502.7	2509.7	2617.7	2629.9	2643.8	2669.9
55°	2828.5	2751.8	2800.6	2723.9	2770.9	2753.6	2773.5	2876.4	2862.4	2860.7	2878.1
57.5°	3147.3	3056.8	3112.4	3059.3	3048.8	3016.6	3106.2	3129.9	3108.0	3110.7	3120.3
60°	3460.0	3428.7	3408.6	3397.3	3358.0	3331.1	3451.3	3385.9	3358.0	3357.2	3424.2
62.5°	3755.4	3765.8	3689.1	3694.3	3657.8	3663.0	3744.9	3665.5	3615.9	3585.4	3654.2
65°	4143.0	4195.3	4084.6	4064.6	3995.8	4083.8	4043.6	3963.5	3896.4	3925.1	3893.9
67.5°	4896.4	4872.0	4767.6	4677.8	4570.7	4673.4	4568.1	4456.5	4380.8	4449.6	4433.9
70°	6163.0	6048.0	5929.5	5780.7	5613.4	5607.3	5378.2	5237.1	5049.7	5043.7	5048.0
72.5°	7123.9	7040.1	7048.0	6915.6	6845.1	6683.8	6375.6	6069.8	5976.7	5820.7	5717.9
73°	7136.0	7090.7	7136.9	7019.3	7042.0	6798.9	6503.5	6231.8	6159.6	5922.5	5820.7
75°	6547.1	6556.8	6610.7	6636.0	6868.6	6731.0	6501.9	6279.7	6170.0	5992.2	5739.7
77.5°	4857.2	5000.1	4982.7	5022.8	5165.7	5028.8	4933.0	4879.1	4729.1	4692.6	4461.7
80°	2970.4	3036.6	3027.9	3128.9	3098.6	2942.6	2894.7	2704.7	2643.8	2452.2	2282.2
82.5°	1556.7	1565.3	1523.5	1508.8	1453.0	1348.4	1213.4	1074.9	971.2	843.1	726.5
85°	856.3	819.8	807.4	771.9	724.8	657.6	603.8	522.6	455.6	375.4	310.2
87.5°	726.5	707.3	704.7	676.9	634.2	579.2	512.3	449.5	371.1	291.8	231.8
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: P266499

CATALOG NUMBER: UTLD-AF24-90-D-U-SL3-7027

**CANDELA DISTRIBUTION (continued):**

	71°	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
5°	2.6	2.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
7.5°	19.1	14.0	11.3	7.8	5.2	3.6	3.6	3.6	2.6	2.6	1.7
10°	111.5	50.6	32.2	27.8	23.5	19.1	14.0	12.1	10.5	7.8	7.8
12.5°	593.2	595.8	597.6	543.6	464.3	416.4	413.8	409.4	407.7	406.8	406.8
15°	607.2	609.8	613.3	603.8	564.5	550.5	500.9	437.2	429.5	426.9	421.7
17.5°	617.7	591.4	565.4	572.3	574.0	579.2	582.8	656.8	610.7	561.0	617.7
20°	868.5	914.7	924.3	932.1	939.8	949.5	957.4	969.5	1003.4	978.3	912.0
22.5°	915.6	925.2	935.6	948.6	957.4	973.9	1019.1	999.2	988.8	992.2	989.6
25°	1198.6	1215.1	1231.8	1250.0	1289.2	1339.7	1343.2	1350.2	1358.1	1360.7	1358.1
27.5°	1197.8	1214.2	1238.8	1299.7	1331.8	1341.4	1355.5	1366.0	1370.3	1369.3	1322.3
30°	1462.6	1500.0	1580.2	1608.1	1630.8	1653.3	1669.1	1679.6	1724.7	1701.3	1738.7
32.5°	1479.1	1561.1	1590.5	1618.4	1649.8	1673.5	1698.7	1739.6	1748.3	1769.2	1756.1
35°	1553.2	1591.4	1625.5	1662.0	1690.8	1722.9	1772.6	1798.9	1819.7	1807.5	1793.6
37.5°	1618.4	1644.6	1683.0	1725.6	1762.2	1835.3	1866.8	1903.4	1897.2	1891.1	1871.1
40°	1693.5	1732.7	1779.6	1829.3	1930.4	1953.9	2011.3	2024.4	2020.9	2005.2	2038.3
42.5°	1834.5	1878.0	1928.7	2033.1	2064.6	2150.7	2178.6	2186.5	2183.1	2218.6	2220.4
45°	2017.5	2061.9	2140.3	2203.1	2310.1	2361.6	2380.7	2401.6	2432.2	2477.3	2445.1
47.5°	2232.6	2278.8	2390.3	2465.2	2547.1	2603.6	2641.1	2682.1	2756.2	2737.9	2703.0
50°	2464.3	2561.8	2595.9	2733.5	2796.2	2859.8	2913.8	3029.7	3034.0	3016.6	3071.5
52.5°	2693.5	2787.5	2900.7	2974.7	3048.8	3102.8	3244.9	3320.7	3332.0	3346.7	3397.3
55°	2989.6	3012.2	3129.9	3212.6	3283.1	3374.7	3535.8	3565.5	3590.6	3698.7	3663.0
57.5°	3207.4	3312.8	3359.8	3433.1	3497.5	3694.3	3764.8	3795.3	3926.9	3928.6	3895.6
60°	3425.1	3528.0	3575.9	3633.4	3743.1	3915.6	3956.6	4019.2	4137.8	4123.8	4106.3
62.5°	3710.9	3736.9	3771.9	3830.3	4034.1	4104.6	4149.9	4311.1	4320.7	4318.1	4291.9
65°	4001.0	4001.8	4031.5	4135.9	4305.8	4355.5	4474.8	4577.7	4606.4	4601.9	4588.9
67.5°	4423.4	4426.0	4453.1	4672.5	4724.8	4765.8	4960.0	4993.9	4996.6	5005.4	4983.5
70°	4982.7	4948.8	5035.8	5190.9	5188.3	5285.0	5401.7	5420.0	5404.4	5386.0	5339.9
72.5°	5564.6	5468.7	5622.9	5597.7	5561.9	5727.5	5677.0	5615.0	5550.6	5450.5	5359.0
73°	5628.2	5515.0	5677.0	5625.5	5572.5	5726.5	5656.1	5588.0	5494.9	5388.7	5248.3
75°	5518.4	5406.9	5440.0	5335.5	5348.6	5356.4	5226.6	5101.1	4932.1	4823.3	4615.9
77.5°	4348.5	4287.5	4237.9	4193.5	4162.0	4005.4	3770.0	3663.8	3444.3	3308.5	3053.2
80°	2192.6	2159.4	2025.3	1983.5	1878.0	1636.8	1532.2	1398.1	1258.7	1134.2	982.6
82.5°	642.0	569.6	513.9	485.3	449.5	403.2	365.9	346.7	318.8	310.2	291.0
85°	265.7	241.3	232.7	230.0	219.5	212.5	196.9	191.7	185.5	176.8	168.2
87.5°	194.3	172.5	159.4	149.8	142.9	137.6	129.7	124.5	118.4	114.2	110.6
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: P266499

CATALOG NUMBER: UTLD-AF24-90-D-U-SL3-7027

**CANDELA DISTRIBUTION (continued):**

	82°	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.7	1.7
5°	1.7	1.7	1.7	0.9	0.9	0.9	0.9	0.9	0.9	1.7	1.7
7.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
10°	8.8	8.8	9.6	8.8	7.8	9.6	7.8	8.8	9.6	6.9	5.2
12.5°	406.8	405.9	407.7	409.4	407.7	409.4	410.3	413.0	425.1	475.7	401.6
15°	419.9	419.0	421.7	446.8	479.1	486.1	486.1	485.3	485.3	479.1	444.2
17.5°	682.1	760.4	695.9	772.6	822.3	734.4	810.1	828.3	757.9	745.7	462.5
20°	902.4	898.0	891.9	889.4	885.9	883.4	893.8	924.3	928.6	884.1	706.4
22.5°	945.1	930.4	922.5	921.7	954.7	981.8	956.4	947.7	938.2	881.5	678.6
25°	1330.2	1294.5	1327.5	1320.6	1305.7	1294.5	1278.7	1263.9	1295.4	1201.3	915.6
27.5°	1341.4	1349.3	1335.4	1322.3	1307.6	1299.7	1328.5	1314.5	1294.5	1177.7	837.1
30°	1722.9	1706.5	1689.1	1669.9	1695.1	1683.9	1656.8	1630.8	1642.0	1486.1	966.0
32.5°	1740.5	1721.3	1716.9	1733.5	1701.3	1675.1	1663.8	1667.3	1634.1	1439.1	858.9
35°	1771.0	1791.8	1789.2	1760.5	1731.8	1754.4	1722.2	1687.3	1645.5	1416.4	754.3
37.5°	1900.8	1891.1	1859.0	1830.1	1850.1	1811.9	1767.4	1722.2	1676.0	1406.8	649.8
40°	2028.8	1997.4	1963.4	1987.1	1941.6	1895.6	1848.4	1793.6	1736.2	1420.8	551.4
42.5°	2183.8	2167.3	2189.1	2137.6	2078.5	2027.0	1963.4	1904.1	1838.0	1459.9	461.6
45°	2414.6	2448.7	2393.8	2338.0	2264.0	2202.1	2135.9	2064.6	1989.6	1541.0	383.2
47.5°	2741.4	2705.7	2652.4	2577.5	2517.5	2446.1	2371.2	2284.0	2192.6	1672.6	329.3
50°	3066.3	3005.3	2953.8	2869.4	2792.7	2715.1	2619.4	2538.4	2437.3	1835.3	302.3
52.5°	3354.6	3294.5	3230.0	3161.2	3082.9	2994.8	2908.6	2805.8	2704.7	2036.6	295.4
55°	3618.6	3561.1	3482.6	3419.9	3343.3	3254.4	3154.3	3061.1	2955.7	2257.9	305.8
57.5°	3857.2	3804.1	3731.7	3661.2	3575.0	3497.5	3399.0	3296.2	3182.2	2458.2	338.9
60°	4055.8	4005.4	3945.1	3872.1	3786.6	3708.3	3616.8	3521.9	3418.2	2676.9	433.0
62.5°	4257.1	4213.5	4171.6	4121.2	4037.5	3977.4	3892.0	3809.4	3728.2	2982.6	570.6
65°	4554.9	4541.9	4487.0	4454.8	4397.4	4353.7	4291.9	4196.9	4117.7	3342.5	654.1
67.5°	4956.6	4930.3	4892.1	4816.4	4760.6	4697.9	4616.7	4522.7	4415.6	3549.7	611.4
70°	5282.4	5223.1	5139.6	5053.2	4947.9	4835.4	4717.9	4597.6	4456.5	3430.4	494.7
72.5°	5230.1	5102.1	4939.2	4804.9	4656.1	4521.9	4351.1	4175.2	4014.9	2878.1	409.4
73°	5126.4	4990.5	4837.3	4643.0	4527.9	4361.6	4180.4	4047.1	3876.4	2707.4	392.0
75°	4446.2	4284.0	4157.7	3935.7	3772.7	3626.4	3457.3	3287.5	3131.6	2006.2	344.1
77.5°	2897.3	2752.6	2497.5	2403.3	2209.1	2101.0	1934.7	1859.9	1651.7	994.9	289.3
80°	872.9	873.7	776.1	703.0	676.0	636.8	588.0	564.5	540.2	404.1	225.7
82.5°	288.4	276.9	265.7	262.1	263.1	266.5	268.4	266.5	275.3	231.8	146.3
85°	158.6	155.0	151.5	147.2	144.5	143.6	142.9	142.0	145.4	138.5	94.1
87.5°	106.3	103.7	101.9	101.1	101.1	99.4	101.1	99.4	101.9	91.4	67.9
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: P266499

CATALOG NUMBER: UTLD-AF24-90-D-U-SL3-7027

**CANDELA DISTRIBUTION (continued):**

	115°	125°	135°	145°	155°	165°	175°	180°
0°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2.5°	1.7	0.9	0.9	0.0	0.0	0.0	0.0	0.0
5°	1.7	0.9	0.9	0.0	0.0	0.0	0.0	0.0
7.5°	1.7	1.7	1.7	1.7	143.6	259.6	263.9	268.4
10°	3.6	3.6	237.0	270.0	269.1	265.7	260.5	260.5
12.5°	187.2	189.9	251.7	243.9	231.8	225.7	223.0	220.4
15°	344.1	474.8	237.0	208.1	325.7	324.1	312.7	311.8
17.5°	431.1	432.1	368.5	262.1	256.0	238.7	230.9	231.8
20°	636.8	389.3	382.4	266.5	192.4	258.7	286.6	289.3
22.5°	580.1	479.1	297.0	223.9	215.1	256.9	278.7	282.2
25°	571.4	376.3	258.7	221.3	202.9	239.6	324.9	331.0
27.5°	537.5	304.9	227.4	199.5	233.5	261.3	284.0	285.8
30°	432.1	235.1	188.1	195.1	209.0	223.0	263.9	268.4
32.5°	387.7	189.1	169.1	172.5	194.3	219.5	243.9	247.5
35°	293.6	181.2	156.8	160.3	179.4	202.1	250.8	256.0
37.5°	231.8	170.8	152.4	155.9	174.2	196.0	218.6	223.0
40°	202.1	165.5	151.5	148.1	163.0	173.4	191.7	194.3
42.5°	192.4	162.1	148.1	140.2	147.2	154.1	199.5	202.9
45°	189.9	161.2	143.6	128.9	133.3	138.5	240.4	250.8
47.5°	191.7	160.3	135.0	117.6	122.0	138.5	271.7	279.6
50°	195.1	159.4	125.5	110.6	126.3	158.6	264.8	265.7
52.5°	201.2	158.6	116.7	119.4	142.9	146.3	201.2	199.5
55°	206.4	153.3	120.3	120.3	115.1	113.2	139.3	137.6
57.5°	198.6	143.6	119.4	101.9	96.7	98.5	119.4	120.3
60°	187.2	138.5	108.1	95.0	91.4	95.0	125.5	126.3
62.5°	189.1	136.7	101.1	90.5	86.2	90.5	106.3	108.1
65°	216.9	142.0	98.5	82.7	81.8	84.5	83.6	83.6
67.5°	251.7	156.8	95.8	80.2	77.6	76.6	75.7	76.6
70°	275.3	165.5	94.1	77.6	72.4	70.5	69.7	70.5
72.5°	259.6	153.3	88.8	73.2	66.3	64.5	62.7	62.7
73°	252.7	149.8	87.1	70.5	65.3	62.7	61.9	62.7
75°	223.9	130.7	77.6	64.5	60.0	58.4	56.7	56.7
77.5°	178.6	103.7	65.3	56.7	53.1	52.3	50.6	50.6
80°	134.1	81.8	53.1	50.6	47.9	47.0	44.5	42.7
82.5°	97.6	67.9	43.6	46.2	42.7	40.1	38.4	34.9
85°	70.5	58.4	38.4	44.5	39.2	35.8	30.5	25.2
87.5°	50.6	50.6	35.8	47.0	34.9	26.9	17.4	10.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)