

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: P157078

Luminaire Tested: **UTLD-E03-LED-E-U-SL3-8030**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P157078  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33669)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: UTLD-E03-LED-E-U-SL3-8030  
Description: TRADITIONAIRE LED DOWNLIGHT LUMINAIRE  
(3) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL  
Light Source: (63) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6655.9 lumens  
Efficiency: N/A  
Efficacy: 88.5 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type III - Short - Semi-Cutoff  
BUG Rating: B1 - U0 - G2

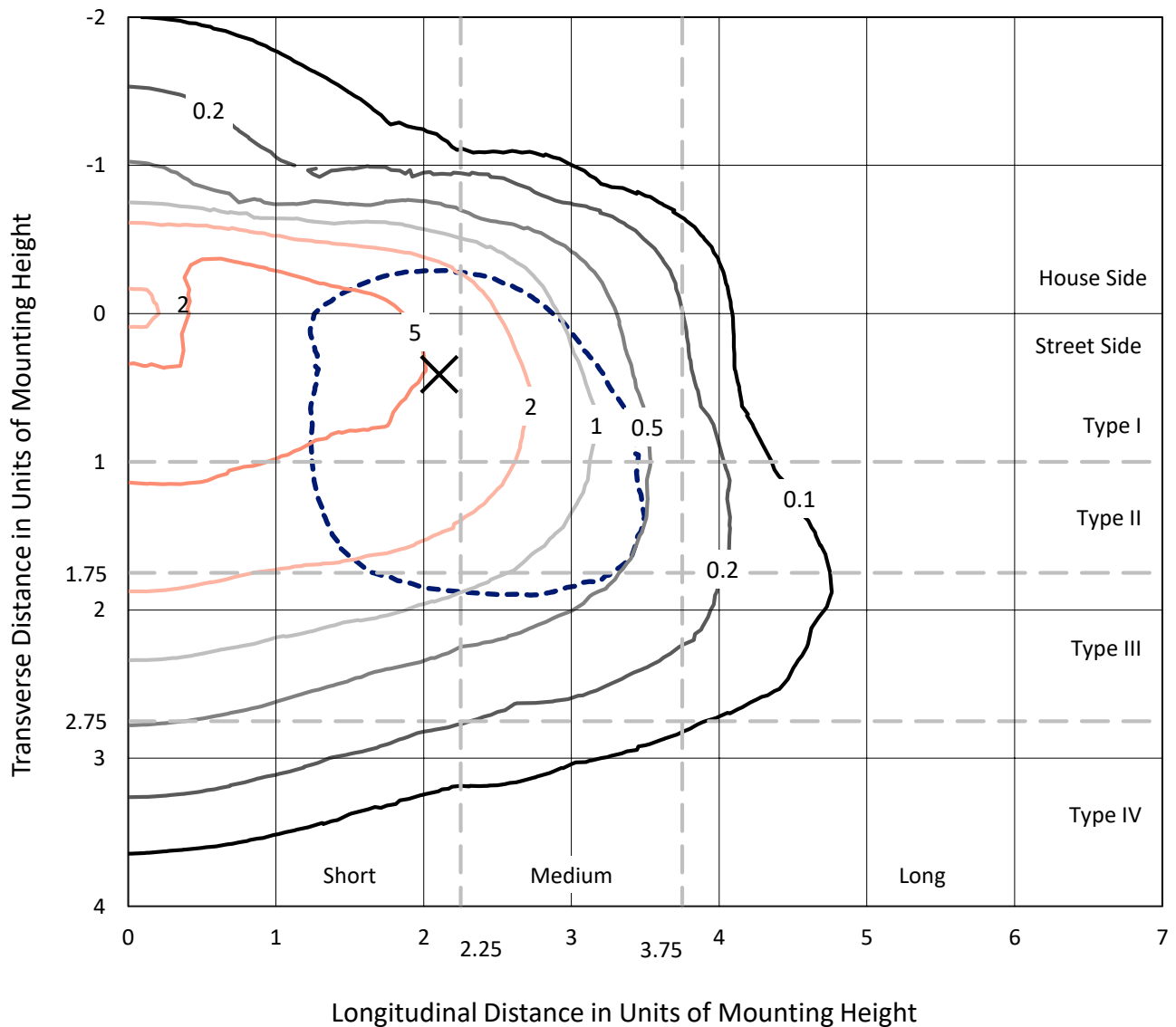
Input Watts (W): 75.2  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



REPORT NUMBER: P157078  
 CATALOG NUMBER: UTLD-E03-LED-E-U-SL3-8030

### Iso-Footcandle Lines of Horizontal Illumination

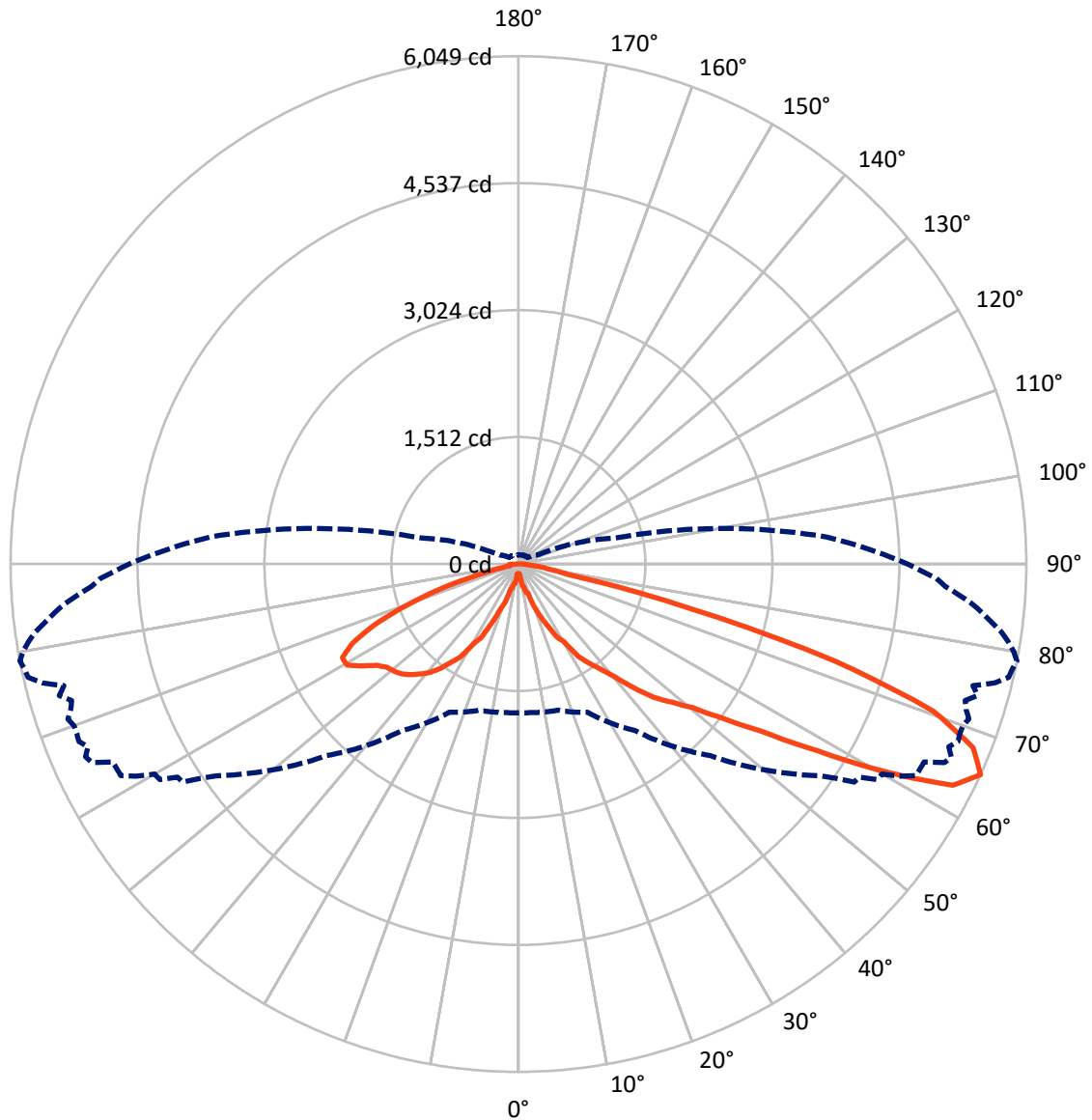
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 8.4 fc  
 Type III - Short - Semi-Cutoff

REPORT NUMBER: P157078  
CATALOG NUMBER: UTLD-E03-LED-E-U-SL3-8030

### Luminous Intensity Polar Plot



— Vertical Plane Through 79-Deg Lateral      - - - Horizontal Cone Through 65-Deg Vertical

REPORT NUMBER: P157078

CATALOG NUMBER: UTLD-E03-LED-E-U-SL3-8030

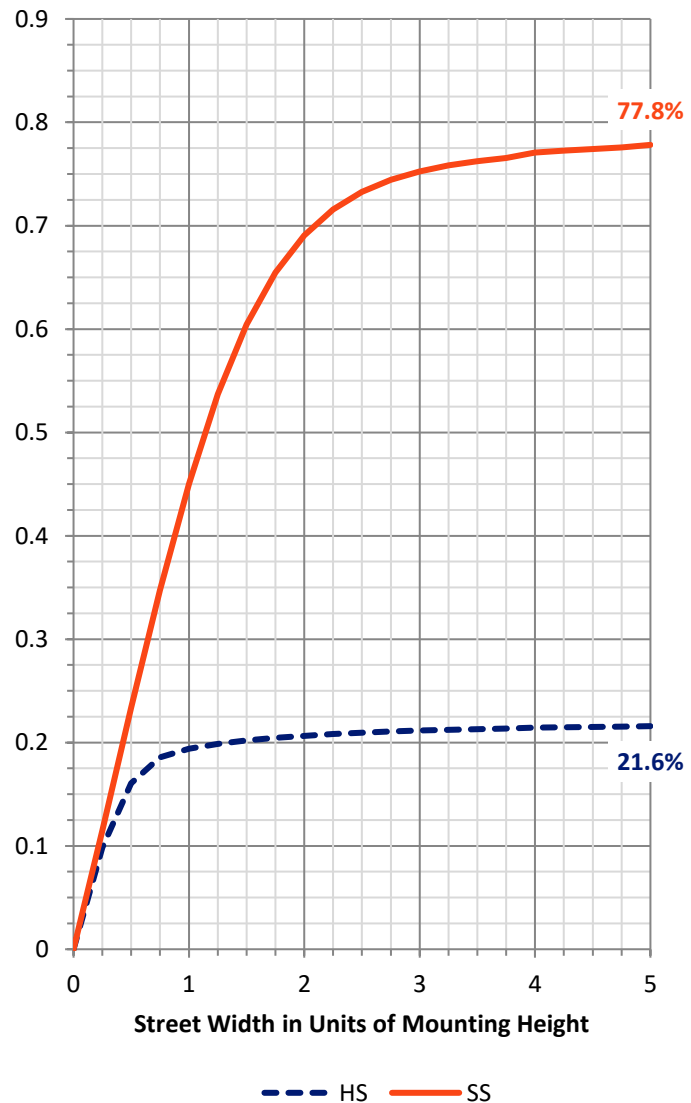
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1456.1	0.0	1456.1
	% Fixture	21.9	0.0	21.9
<b>Street Side</b>	Lumens	5199.8	0.0	5199.8
	% Fixture	78.1	0.0	78.1
<b>Total</b>	Lumens	6655.9	0.0	6655.9
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	16.0	0.2
10°-20°	102.0	1.5
20°-30°	314.3	4.7
30°-40°	605.0	9.1
40°-50°	999.9	15.0
50°-60°	1503.9	22.6
60°-70°	2014.4	30.3
70°-80°	946.8	14.2
80°-90°	153.8	2.3
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°	6655.9	100.0
0°-180°	6655.9	100.0



REPORT NUMBER: P157078

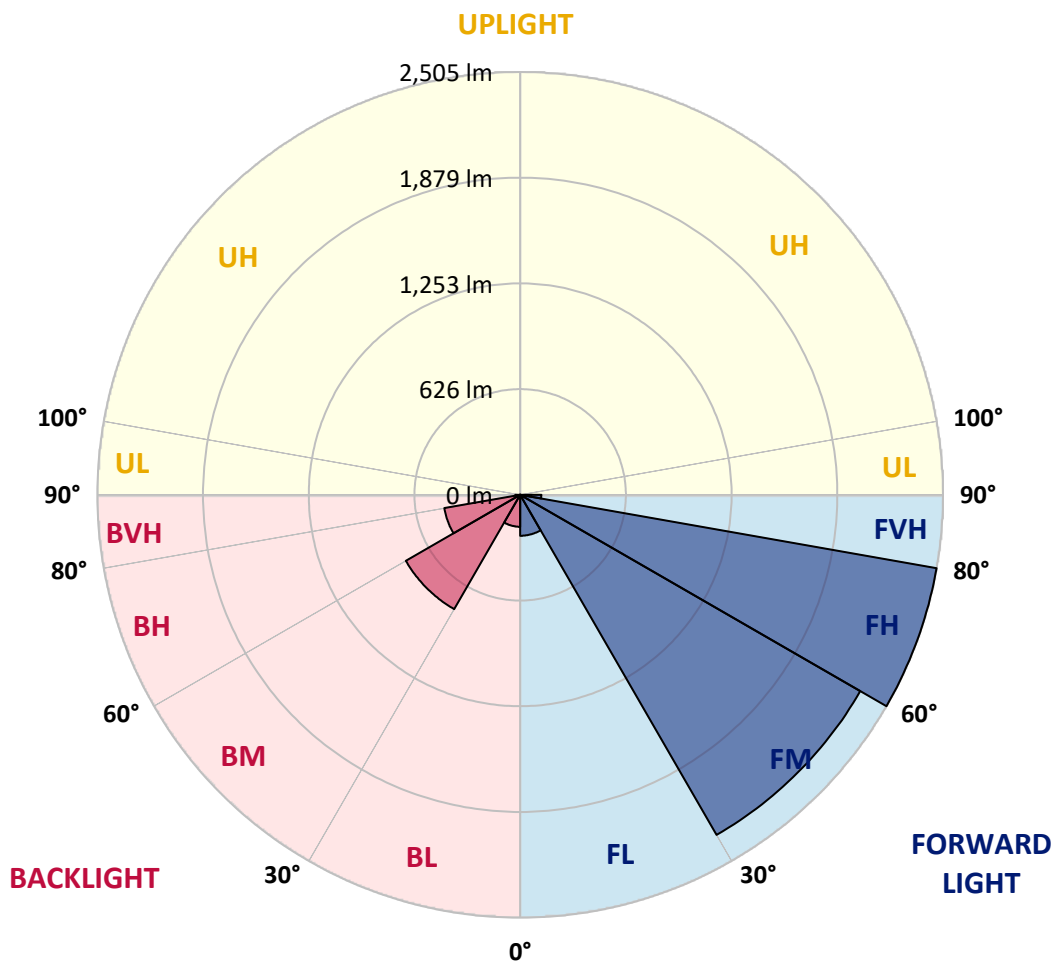
CATALOG NUMBER: UTLD-E03-LED-E-U-SL3-8030

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	242.7	3.6			
FM	(30°-60°)	2326.5	35.0			
FH	(60°-80°)	2505.0	37.6			G2/5000
FVH	(80°-90°)	125.6	1.9			G2/225
BL	(0°-30°)	189.5	2.8	B1/500		
BM	(30°-60°)	782.3	11.8	B1/1000		
BH	(60°-80°)	456.2	6.9	B1/500		G1/500
BVH	(80°-90°)	28.2	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B1-U0-G2**

Type III Short





REPORT NUMBER: P157078

CATALOG NUMBER: UTLD-E03-LED-E-U-SL3-8030

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	113.9	113.9	113.9	113.9	113.9	113.9	113.9	113.9	113.9	113.9	113.9
2.5°	189.9	188.6	188.6	189.9	187.4	186.1	162.0	157.0	151.9	148.1	144.3
5°	157.0	158.2	157.0	157.0	160.8	155.7	170.9	173.4	179.8	182.3	187.4
7.5°	251.9	253.2	250.7	248.1	203.8	163.3	158.2	158.2	158.2	163.3	162.0
10°	267.1	267.1	264.6	262.1	254.5	243.1	177.2	178.5	208.9	186.1	220.3
12.5°	373.5	376.0	370.9	353.2	272.2	338.0	340.6	336.8	334.2	325.4	317.8
15°	402.6	411.4	396.3	377.3	439.3	373.5	358.3	354.5	351.9	351.9	372.2
17.5°	555.8	558.3	546.9	511.5	464.6	445.6	440.6	438.0	436.8	436.8	439.3
20°	663.4	671.0	586.2	611.5	565.9	515.3	497.5	497.5	498.8	488.7	474.7
22.5°	730.5	727.9	688.7	703.9	624.1	576.0	620.3	631.7	644.4	649.5	657.0
25°	867.2	865.9	768.5	702.6	683.6	646.9	655.8	667.2	676.0	696.3	734.3
27.5°	882.4	881.1	811.5	782.4	678.6	739.3	830.5	849.5	860.9	863.4	860.9
30°	995.1	992.5	939.4	816.6	774.8	805.2	892.5	911.5	921.6	929.2	929.2
32.5°	1111.5	1111.5	1011.5	858.3	834.3	920.4	1049.5	1055.8	1063.4	1064.7	1067.2
35°	1197.6	1171.0	1055.8	963.4	926.7	1017.9	1179.9	1183.7	1206.5	1266.0	1283.7
37.5°	1243.2	1245.7	1202.7	1091.3	1095.1	1197.6	1449.6	1454.6	1458.4	1473.6	1495.1
40°	1316.6	1329.3	1298.9	1230.5	1260.9	1423.0	1683.8	1700.2	1714.1	1716.7	1758.5
42.5°	1391.3	1401.4	1402.7	1423.0	1449.6	1658.4	1910.4	1926.8	1924.3	1943.3	2006.6
45°	1516.7	1531.8	1557.2	1581.2	1640.7	1876.2	2135.7	2161.0	2140.8	2188.9	2229.4
47.5°	1677.4	1688.8	1731.9	1795.2	1819.2	2067.4	2371.2	2377.5	2395.2	2445.9	2461.1
50°	1819.2	1833.1	1887.6	1971.1	2000.3	2234.5	2551.0	2553.5	2582.6	2654.8	2625.7
52.5°	1926.8	1942.0	1988.9	2119.3	2164.8	2420.6	2690.2	2691.5	2742.1	2809.2	2749.7
55°	1986.3	2002.8	2034.4	2182.6	2271.2	2558.6	2854.8	2862.4	2934.6	2971.3	2925.7
57.5°	1988.9	2004.1	2040.8	2169.9	2316.8	2701.6	3082.7	3120.7	3196.6	3242.2	3242.2
60°	1966.1	1985.1	2020.5	2131.9	2359.8	2861.1	3433.4	3511.8	3633.4	3677.7	3777.7
62.5°	1906.6	1915.4	1937.0	2064.8	2423.1	3052.3	3938.5	4068.9	4248.7	4276.5	4480.3
65°	1771.1	1776.2	1802.8	1948.4	2420.6	3227.0	4396.8	4567.7	4769.0	4788.0	4982.9
67.5°	1593.9	1605.3	1625.5	1764.8	2191.4	3159.9	4436.0	4658.8	4815.8	4822.1	4985.5
70°	1319.2	1314.1	1338.1	1436.9	1766.1	2649.7	4010.6	4219.5	4325.9	4370.2	4481.6
72.5°	864.7	867.2	849.5	910.2	1190.0	1866.1	3230.8	3463.7	3511.8	3619.5	3675.2
75°	486.1	476.0	495.0	545.6	671.0	1122.9	2199.0	2405.4	2505.4	2594.0	2642.1
77.5°	288.6	284.8	316.5	387.4	541.8	753.3	1268.5	1371.1	1453.4	1521.7	1609.1
80°	134.2	143.1	140.5	159.5	295.0	644.4	881.1	921.6	957.1	996.3	1049.5
82.5°	65.8	72.2	83.6	87.4	103.8	325.4	786.2	826.7	860.9	900.1	953.3
85°	43.0	44.3	62.0	63.3	64.6	98.7	384.9	445.6	469.7	535.5	626.7
87.5°	15.2	21.5	45.6	40.5	40.5	48.1	130.4	143.1	149.4	163.3	182.3
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: P157078

CATALOG NUMBER: UTLD-E03-LED-E-U-SL3-8030

**CANDELA DISTRIBUTION (continued):**

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	113.9	113.9	113.9	113.9	113.9	113.9	113.9	113.9	113.9	113.9	113.9
2.5°	143.1	143.1	138.0	132.9	130.4	130.4	126.6	126.6	125.3	124.1	121.5
5°	186.1	188.6	188.6	188.6	187.4	186.1	184.8	182.3	179.8	174.7	170.9
7.5°	158.2	155.7	153.2	148.1	149.4	153.2	157.0	162.0	169.6	173.4	174.7
10°	222.8	229.1	227.9	229.1	227.9	230.4	230.4	232.9	231.7	232.9	235.5
12.5°	305.1	279.8	255.7	250.7	249.4	248.1	250.7	249.4	255.7	259.5	259.5
15°	383.6	410.2	411.4	425.4	422.8	402.6	381.1	374.7	369.7	369.7	357.0
17.5°	440.6	449.4	450.7	446.9	452.0	450.7	444.4	436.8	427.9	411.4	387.4
20°	525.4	538.0	545.6	553.2	568.4	557.0	554.5	605.1	611.5	616.5	611.5
22.5°	667.2	665.9	662.1	641.9	631.7	630.5	634.3	644.4	643.1	646.9	650.7
25°	752.0	750.7	760.9	797.6	807.7	844.4	834.3	834.3	840.6	846.9	836.8
27.5°	854.5	865.9	879.9	878.6	896.3	891.3	890.0	900.1	900.1	887.5	895.1
30°	935.6	971.0	1019.1	1034.3	1024.2	1024.2	1038.1	1052.0	1048.2	1047.0	1049.5
32.5°	1082.4	1117.9	1087.5	1121.7	1101.4	1134.3	1186.2	1221.7	1234.3	1233.1	1252.1
35°	1319.2	1325.5	1306.5	1320.4	1344.5	1350.8	1355.9	1355.9	1340.7	1366.0	1377.4
37.5°	1520.4	1488.8	1516.7	1500.2	1517.9	1538.2	1535.6	1511.6	1504.0	1545.8	1542.0
40°	1776.2	1725.5	1761.0	1752.1	1762.3	1768.6	1740.7	1724.3	1744.5	1757.2	1754.7
42.5°	1964.8	1991.4	1992.7	1988.9	1997.7	1999.0	1948.4	1955.9	1980.0	1976.2	1963.5
45°	2168.6	2212.9	2188.9	2225.6	2229.4	2180.0	2168.6	2201.6	2209.1	2196.5	2181.3
47.5°	2416.8	2445.9	2405.4	2461.1	2462.3	2406.6	2432.0	2454.7	2459.8	2434.5	2457.3
50°	2630.7	2633.3	2624.4	2667.4	2642.1	2614.3	2670.0	2682.6	2671.2	2637.0	2672.5
52.5°	2806.7	2772.5	2808.0	2867.5	2799.1	2802.9	2886.4	2876.3	2840.9	2873.8	2849.7
55°	2997.9	2967.5	3052.3	3080.1	3016.8	3075.1	3133.3	3119.4	3078.9	3146.0	3099.1
57.5°	3285.2	3292.8	3367.5	3389.0	3362.5	3491.6	3519.4	3515.6	3516.9	3561.2	3541.0
60°	3803.0	3877.7	3963.8	4029.6	4072.7	4225.9	4228.4	4230.9	4280.3	4301.8	4374.0
62.5°	4466.4	4663.9	4712.0	4791.8	4951.3	5098.1	5066.5	5070.3	5133.6	5082.9	5176.6
65°	5001.9	5212.1	5364.0	5375.4	5598.2	5642.5	5570.3	5646.3	5633.6	5633.6	5674.2
67.5°	5052.6	5269.0	5405.8	5465.3	5723.5	5712.1	5642.5	5756.4	5689.3	5746.3	5729.9
70°	4599.3	4761.4	4903.2	5029.8	5262.7	5250.0	5253.8	5410.8	5402.0	5446.3	5400.7
72.5°	3806.8	3949.9	4028.4	4258.8	4319.5	4310.7	4405.6	4418.3	4489.2	4585.4	4525.9
75°	2851.0	2944.7	2951.0	3104.2	3080.1	3051.0	3065.0	3115.6	2983.9	2900.4	2833.3
77.5°	1740.7	1762.3	1742.0	1723.0	1661.0	1600.2	1633.1	1605.3	1520.4	1466.0	1401.4
80°	1096.3	1122.9	1133.1	1193.8	1177.4	1229.3	1268.5	1307.8	1319.2	1272.3	1226.7
82.5°	1015.3	1024.2	1054.6	1116.6	1128.0	1195.1	1204.0	1228.0	1186.2	1159.6	1077.4
85°	653.2	673.5	735.5	696.3	749.5	750.7	722.9	720.3	639.3	597.5	502.6
87.5°	200.0	205.1	229.1	230.4	260.8	265.9	274.7	265.9	238.0	200.0	165.8
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: P157078

CATALOG NUMBER: UTLD-E03-LED-E-U-SL3-8030

**CANDELA DISTRIBUTION (continued):**

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	113.9	113.9	113.9	113.9	113.9	113.9	113.9	113.9	113.9	113.9	113.9
2.5°	120.3	119.0	117.7	117.7	117.7	116.5	116.5	116.5	116.5	115.2	115.2
5°	163.3	157.0	149.4	139.3	129.1	125.3	125.3	122.8	121.5	120.3	119.0
7.5°	174.7	173.4	173.4	173.4	170.9	168.4	165.8	154.5	131.7	121.5	120.3
10°	235.5	243.1	255.7	268.4	270.9	270.9	268.4	263.3	258.3	251.9	231.7
12.5°	258.3	258.3	254.5	250.7	255.7	267.1	278.5	283.6	282.3	279.8	278.5
15°	353.2	353.2	351.9	349.4	349.4	348.1	349.4	355.7	363.3	370.9	370.9
17.5°	387.4	384.9	386.1	389.9	374.7	370.9	369.7	363.3	362.1	367.1	370.9
20°	605.1	596.3	571.0	568.4	563.4	560.8	559.6	552.0	548.2	558.3	559.6
22.5°	645.7	657.0	649.5	687.4	625.4	627.9	668.4	691.2	691.2	687.4	681.1
25°	848.2	840.6	849.5	852.0	839.3	849.5	830.5	820.4	806.4	805.2	807.7
27.5°	897.6	919.1	922.9	958.4	979.9	969.7	1009.0	992.5	978.6	967.2	977.3
30°	1066.0	1059.6	1069.8	1073.6	1087.5	1079.9	1066.0	1073.6	1085.0	1102.7	1088.7
32.5°	1268.5	1278.6	1287.5	1290.0	1297.6	1287.5	1288.8	1314.1	1330.6	1311.6	1282.4
35°	1390.1	1390.1	1406.5	1404.0	1390.1	1395.1	1438.2	1448.3	1430.6	1417.9	1438.2
37.5°	1545.8	1543.2	1544.5	1548.3	1539.4	1587.5	1610.3	1585.0	1566.0	1605.3	1588.8
40°	1736.9	1754.7	1739.5	1742.0	1780.0	1807.8	1783.8	1764.8	1811.6	1782.5	1758.5
42.5°	1974.9	1958.5	1937.0	1981.3	2016.7	1997.7	1969.9	2018.0	2004.1	1963.5	2033.2
45°	2210.4	2188.9	2192.7	2231.9	2245.9	2206.6	2231.9	2266.1	2202.8	2268.6	2294.0
47.5°	2418.0	2428.2	2472.5	2509.2	2461.1	2472.5	2510.5	2458.5	2506.7	2556.0	2551.0
50°	2637.0	2681.4	2711.7	2705.4	2672.5	2744.7	2710.5	2691.5	2794.0	2808.0	2823.1
52.5°	2843.4	2910.5	2916.8	2877.6	2928.2	2968.7	2921.9	3053.6	3096.6	3106.7	3149.8
55°	3135.8	3196.6	3171.3	3162.4	3289.0	3259.9	3354.9	3518.2	3538.4	3578.9	3586.5
57.5°	3622.0	3667.6	3641.0	3743.5	3846.1	3828.3	4111.9	4195.5	4310.7	4333.5	4355.0
60°	4462.6	4427.2	4427.2	4647.4	4620.9	4803.2	5008.2	5031.0	5155.1	5164.0	5189.3
62.5°	5189.3	5174.1	5293.1	5357.7	5345.0	5676.7	5729.9	5804.5	5790.6	5815.9	5662.8
65°	5607.1	5564.0	5689.3	5604.5	5846.3	5994.4	6013.4	6048.9	5989.4	5904.6	5808.3
67.5°	5612.1	5619.7	5632.4	5575.4	5851.4	5861.5	5893.2	5841.3	5790.6	5571.6	5472.9
70°	5300.7	5350.1	5242.4	5345.0	5455.1	5395.6	5375.4	5239.9	5107.0	4877.8	4682.9
72.5°	4436.0	4370.2	4305.6	4382.8	4329.7	4220.8	4090.4	3922.0	3675.2	3501.7	3314.4
75°	2678.8	2556.0	2620.6	2507.9	2348.4	2304.1	2156.0	2109.1	1911.6	1659.7	1564.8
77.5°	1336.9	1209.0	1225.5	1129.3	1007.7	907.7	754.5	617.8	492.5	381.1	311.4
80°	1119.1	1057.1	995.1	893.8	791.2	657.0	520.3	368.4	250.7	183.6	157.0
82.5°	963.4	945.7	824.2	726.7	612.7	498.8	351.9	243.1	157.0	121.5	112.7
85°	445.6	401.3	348.1	333.0	262.1	214.0	159.5	117.7	91.2	81.0	74.7
87.5°	160.8	138.0	127.9	110.1	96.2	87.4	82.3	79.8	79.8	79.8	76.0
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: P157078

CATALOG NUMBER: UTLD-E03-LED-E-U-SL3-8030

**CANDELA DISTRIBUTION (continued):**

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	113.9	113.9	113.9	113.9	113.9	113.9	113.9	113.9	113.9	113.9	113.9
2.5°	115.2	115.2	113.9	113.9	113.9	113.9	113.9	112.7	112.7	112.7	115.2
5°	119.0	117.7	117.7	116.5	116.5	116.5	115.2	115.2	113.9	117.7	158.2
7.5°	120.3	121.5	121.5	121.5	121.5	121.5	120.3	120.3	120.3	134.2	155.7
10°	206.4	198.8	197.5	195.0	192.4	191.2	188.6	184.8	189.9	258.3	179.8
12.5°	270.9	241.8	219.0	215.2	212.7	208.9	208.9	198.8	207.6	246.9	192.4
15°	368.4	359.5	334.2	310.2	312.7	312.7	310.2	308.9	286.1	288.6	292.4
17.5°	379.8	398.8	412.7	381.1	351.9	333.0	338.0	364.6	327.9	314.0	374.7
20°	558.3	564.6	567.2	549.4	510.2	510.2	516.5	522.9	493.7	488.7	487.4
22.5°	669.7	677.3	672.2	679.8	669.7	663.4	650.7	636.8	621.6	560.8	600.1
25°	810.2	829.2	839.3	822.9	798.8	769.7	760.9	762.1	787.4	783.6	830.5
27.5°	990.0	979.9	967.2	978.6	988.7	957.1	945.7	934.3	928.0	1024.2	911.5
30°	1054.6	1047.0	1063.4	1047.0	1044.4	1058.4	1071.0	1050.8	1049.5	1126.7	1033.0
32.5°	1296.4	1291.3	1253.3	1268.5	1285.0	1287.5	1286.2	1307.8	1295.1	1311.6	1085.0
35°	1412.8	1386.3	1423.0	1428.0	1410.3	1433.1	1433.1	1428.0	1462.2	1395.1	1128.0
37.5°	1569.8	1588.8	1612.9	1620.5	1639.5	1597.7	1631.9	1638.2	1691.4	1477.4	1096.3
40°	1820.5	1834.4	1849.6	1847.1	1828.1	1873.7	1829.4	1847.1	1906.6	1525.5	1060.9
42.5°	2053.4	2066.1	2088.9	2087.6	2095.2	2072.4	2107.9	2095.2	2102.8	1538.2	1016.6
45°	2300.3	2331.9	2310.4	2357.3	2344.6	2335.7	2357.3	2349.7	2272.4	1562.2	941.9
47.5°	2580.1	2572.5	2594.0	2594.0	2602.9	2618.1	2595.3	2601.6	2419.3	1578.7	860.9
50°	2824.4	2835.8	2857.3	2854.8	2873.8	2856.1	2877.6	2806.7	2540.8	1568.6	757.1
52.5°	3142.2	3187.8	3163.7	3176.4	3156.1	3187.8	3121.9	3089.0	2706.7	1520.4	650.7
55°	3670.1	3599.2	3644.8	3594.1	3597.9	3589.1	3505.5	3482.7	2948.5	1495.1	529.2
57.5°	4330.9	4323.3	4289.2	4225.9	4210.7	4156.2	4086.6	4005.6	3334.6	1487.5	429.2
60°	5132.3	5101.9	4995.6	4936.1	4827.2	4717.1	4656.3	4557.6	3746.1	1454.6	354.5
62.5°	5650.1	5521.0	5443.7	5302.0	5200.7	5072.8	4974.1	4790.5	3862.5	1381.2	314.0
65°	5675.4	5555.1	5423.5	5256.4	5093.1	4981.7	4803.2	4632.2	3687.8	1193.8	262.1
67.5°	5309.5	5179.2	4918.4	4794.3	4634.8	4503.1	4287.9	4138.5	3242.2	958.4	207.6
70°	4574.0	4353.7	4113.2	3946.1	3810.6	3656.2	3453.6	3290.3	2587.7	705.2	160.8
72.5°	3167.5	3040.9	2819.4	2734.5	2601.6	2526.9	2419.3	2354.7	1830.6	484.9	132.9
75°	1540.7	1445.8	1312.8	1340.7	1247.0	1267.3	1281.2	1206.5	1011.5	274.7	115.2
77.5°	287.4	301.3	268.4	268.4	272.2	259.5	262.1	284.8	283.6	139.3	97.5
80°	146.9	144.3	139.3	136.7	130.4	126.6	121.5	119.0	115.2	100.0	84.8
82.5°	106.3	100.0	93.7	89.9	86.1	81.0	77.2	78.5	86.1	98.7	91.2
85°	68.4	65.8	60.8	59.5	58.2	57.0	58.2	60.8	82.3	117.7	89.9
87.5°	73.4	67.1	60.8	58.2	57.0	54.4	53.2	57.0	87.4	127.9	77.2
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: P157078

CATALOG NUMBER: UTLD-E03-LED-E-U-SL3-8030

**CANDELA DISTRIBUTION (continued):**

	125°	135°	145°	155°	165°	175°	180°
0°	113.9	113.9	113.9	113.9	113.9	113.9	113.9
2.5°	117.7	126.6	155.7	178.5	181.0	181.0	179.8
5°	177.2	122.8	113.9	116.5	111.4	112.7	111.4
7.5°	112.7	112.7	115.2	159.5	179.8	187.4	182.3
10°	134.2	178.5	181.0	188.6	189.9	188.6	187.4
12.5°	260.8	257.0	196.2	208.9	272.2	276.0	274.7
15°	281.0	278.5	339.3	281.0	291.2	293.7	291.2
17.5°	367.1	367.1	365.9	336.8	378.5	378.5	377.3
20°	434.2	452.0	439.3	421.6	370.9	372.2	372.2
22.5°	615.3	502.6	479.8	459.6	416.5	416.5	415.2
25°	634.3	564.6	503.9	440.6	403.8	441.8	438.0
27.5°	817.8	589.9	473.5	448.2	401.3	389.9	389.9
30°	805.2	622.9	529.2	408.9	387.4	370.9	363.3
32.5°	852.0	616.5	467.1	372.2	315.2	308.9	301.3
35°	825.4	584.9	400.1	296.2	241.8	230.4	230.4
37.5°	797.6	498.8	322.8	220.3	192.4	183.6	184.8
40°	702.6	401.3	224.1	169.6	169.6	170.9	170.9
42.5°	600.1	278.5	164.6	145.6	153.2	158.2	157.0
45°	472.2	187.4	132.9	134.2	144.3	148.1	148.1
47.5°	336.8	139.3	121.5	125.3	136.7	141.8	140.5
50°	229.1	119.0	113.9	120.3	131.7	134.2	134.2
52.5°	165.8	112.7	108.9	115.2	126.6	129.1	129.1
55°	138.0	110.1	106.3	111.4	121.5	124.1	125.3
57.5°	130.4	110.1	105.1	110.1	117.7	120.3	120.3
60°	130.4	111.4	107.6	110.1	113.9	116.5	117.7
62.5°	132.9	117.7	112.7	112.7	112.7	113.9	113.9
65°	138.0	129.1	121.5	117.7	112.7	108.9	110.1
67.5°	144.3	140.5	134.2	124.1	110.1	102.5	102.5
70°	149.4	151.9	149.4	129.1	107.6	94.9	93.7
72.5°	148.1	160.8	151.9	130.4	105.1	88.6	87.4
75°	139.3	149.4	131.7	117.7	98.7	83.6	81.0
77.5°	121.5	110.1	91.2	91.2	82.3	74.7	72.2
80°	97.5	73.4	60.8	64.6	62.0	46.8	40.5
82.5°	77.2	48.1	45.6	48.1	46.8	34.2	29.1
85°	63.3	32.9	32.9	36.7	32.9	25.3	19.0
87.5°	49.4	19.0	21.5	20.3	20.3	15.2	5.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)