

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: P157049

Luminaire Tested: **UTLD-E03-LED-E-U-SL2-7030**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P157049  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33668)  
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-SL2-7030  
Description: TRADITIONAIRE LED DOWNLIGHT LUMINAIRE  
(3) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL  
Light Source: (63) 3000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7249.6 lumens  
Efficiency: N/A  
Efficacy: 96.4 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type II - Short - Non-Cutoff  
BUG Rating: B2 - U0 - G2

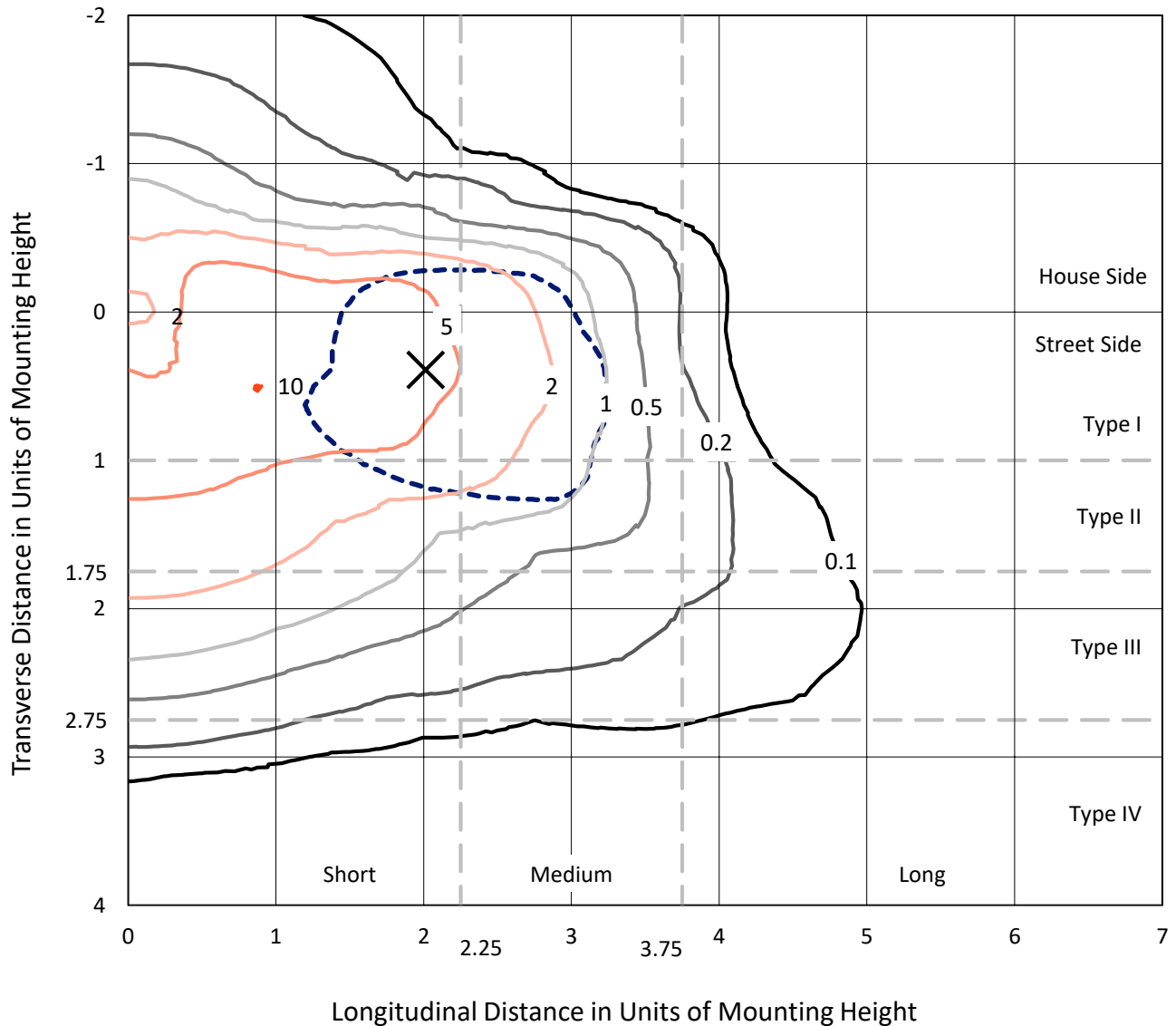
Input Watts (W): 75.2  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

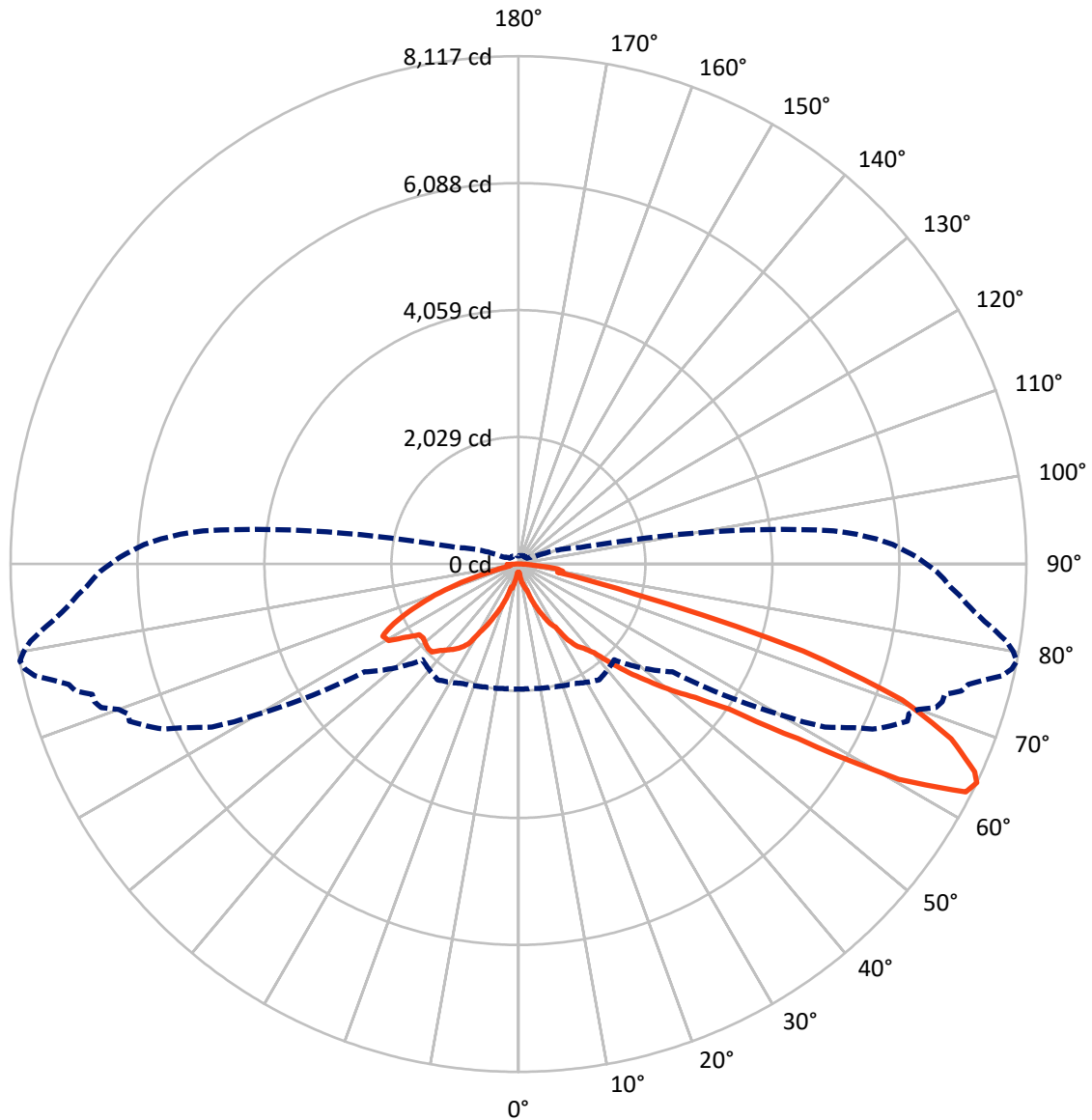
× Max cd  
 - - - 1/2 Max cd



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

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### Luminous Intensity Polar Plot



— Vertical Plane Through 79-Deg Lateral      - - - Horizontal Cone Through 64-Deg Vertical

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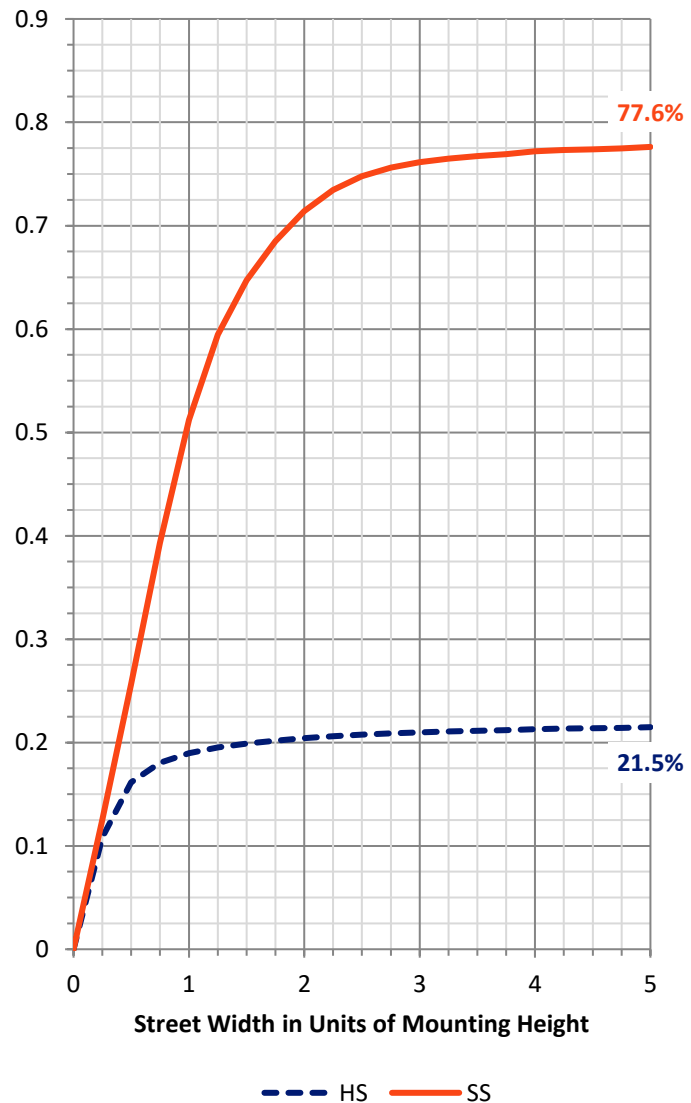
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1592.6	0.0	1592.6
	% Fixture	22.0	0.0	22.0
<b>Street Side</b>	Lumens	5657.0	0.0	5657.0
	% Fixture	78.0	0.0	78.0
<b>Total</b>	Lumens	7249.6	0.0	7249.6
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	18.1	0.3
10°-20°	105.9	1.5
20°-30°	310.0	4.3
30°-40°	677.4	9.3
40°-50°	1232.1	17.0
50°-60°	1720.6	23.7
60°-70°	2163.5	29.8
70°-80°	838.8	11.6
80°-90°	183.1	2.5
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°	7249.6	100.0
0°-180°	7249.6	100.0



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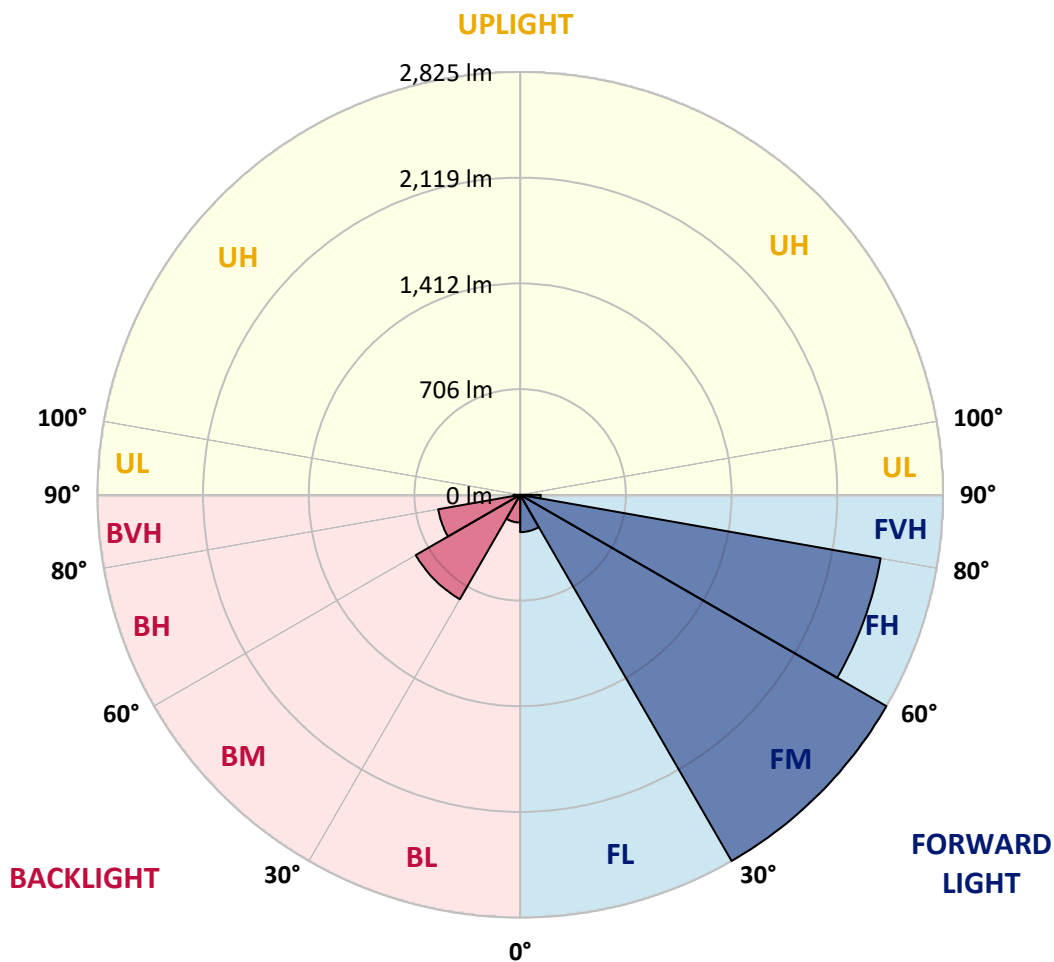
CATALOG NUMBER: UTLD-E03-LED-E-U-SL2-7030

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	249.1	3.4			
FM	(30°-60°)	2825.0	39.0			
FH	(60°-80°)	2445.5	33.7			G2/5000
FVH	(80°-90°)	137.4	1.9			G2/225
BL	(0°-30°)	185.0	2.6	B1/500		
BM	(30°-60°)	805.2	11.1	B1/1000		
BH	(60°-80°)	556.8	7.7	B2/1000		G2/1000
BVH	(80°-90°)	45.6	0.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B2-U0-G2**

Type II Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9
2.5°	212.4	211.0	213.7	213.7	213.7	211.0	189.1	161.7	160.3	156.2	152.1
5°	175.4	175.4	175.4	176.7	178.1	180.8	191.8	205.5	212.4	213.7	215.1
7.5°	256.2	258.9	258.9	258.9	215.1	185.0	183.6	186.3	183.6	180.8	176.7
10°	263.0	264.4	264.4	267.2	268.5	264.4	226.1	256.2	256.2	257.6	258.9
12.5°	360.3	363.1	361.7	349.4	285.0	349.4	365.8	342.5	319.2	294.6	279.5
15°	382.2	387.7	376.8	365.8	435.7	409.6	386.3	445.3	445.3	449.4	461.7
17.5°	493.2	494.6	486.4	472.7	452.1	463.1	472.7	471.3	479.5	486.4	482.2
20°	591.9	579.5	509.6	546.6	539.8	535.7	537.0	585.0	589.1	591.9	604.2
22.5°	624.7	624.7	596.0	626.1	597.3	604.2	659.0	723.4	720.6	709.7	693.2
25°	761.7	764.5	698.7	648.0	661.7	678.2	711.0	809.7	797.4	811.1	817.9
27.5°	823.4	828.9	770.0	756.3	689.1	763.1	879.6	907.0	916.5	933.0	933.0
30°	989.2	991.9	953.5	845.3	822.0	831.6	950.8	990.5	1004.2	1022.0	1089.2
32.5°	1239.9	1241.2	1149.5	970.0	924.8	960.4	1101.5	1146.7	1172.7	1148.1	1176.9
35°	1639.9	1627.6	1456.3	1311.1	1198.8	1109.7	1249.5	1408.4	1391.9	1396.1	1409.8
37.5°	1905.7	1922.1	1868.7	1702.9	1624.9	1501.5	1585.1	1605.7	1574.2	1598.8	1607.0
40°	2116.7	2140.0	2118.1	2035.9	1960.5	1905.7	2007.1	1935.8	1890.6	1894.7	1863.2
42.5°	2196.2	2222.2	2244.1	2292.1	2272.9	2331.8	2472.9	2370.1	2361.9	2322.2	2245.5
45°	2251.0	2275.6	2346.9	2442.8	2472.9	2627.7	2871.6	2830.5	2860.6	2774.3	2727.7
47.5°	2261.9	2285.2	2366.0	2516.7	2600.3	2825.0	3201.7	3242.9	3266.1	3219.6	3208.6
50°	2166.0	2185.2	2271.5	2451.0	2572.9	2911.3	3421.0	3571.7	3592.2	3604.5	3614.1
52.5°	2016.7	2040.0	2120.8	2272.9	2427.7	2871.6	3540.1	3830.6	3855.3	3908.7	3973.1
55°	1957.8	1976.9	2027.6	2150.9	2268.8	2708.5	3600.4	4049.8	4089.5	4182.7	4293.7
57.5°	1949.5	1968.7	2013.9	2055.0	2185.2	2518.1	3626.5	4297.8	4421.1	4571.8	4751.2
60°	2020.8	2029.0	2049.6	2050.9	2111.2	2372.9	3547.0	4603.3	4849.9	5070.5	5352.7
62.5°	2068.7	2075.6	2107.1	2164.6	2148.2	2227.7	3278.5	4801.9	5169.1	5495.2	5861.0
64°	1998.9	1998.9	2035.9	2107.1	2256.4	2166.0	3005.8	4795.1	5197.9	5547.2	5963.7
65°	1919.4	1918.0	1952.3	2009.8	2238.6	2156.4	2808.6	4680.0	5096.5	5447.2	5898.0
67.5°	1559.1	1505.7	1537.2	1609.8	1887.9	2178.3	2318.1	3937.5	4364.9	4788.2	5307.5
70°	806.9	835.7	852.2	972.7	1305.6	1874.2	1945.4	2782.5	3268.9	3690.8	4407.4
72.5°	341.1	319.2	358.9	443.9	686.4	1327.6	1789.3	1933.1	2186.6	2522.2	3282.6
75°	185.0	186.3	194.5	220.6	357.6	733.0	1649.5	1702.9	1726.2	1781.0	2186.6
77.5°	137.0	137.0	141.1	141.1	186.3	380.9	1315.2	1609.8	1613.9	1578.3	1671.4
80°	102.8	108.2	115.1	109.6	116.5	216.5	770.0	1461.8	1523.5	1535.8	1612.5
82.5°	84.9	87.7	102.8	98.6	91.8	130.2	361.7	1107.0	1279.6	1381.0	1570.0
85°	57.5	61.7	93.2	90.4	83.6	87.7	209.6	358.9	432.9	500.1	637.1
87.5°	23.3	30.1	60.3	54.8	57.5	49.3	128.8	189.1	208.2	237.0	294.6
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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**CANDELA DISTRIBUTION (continued):**

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9
2.5°	149.3	146.6	145.2	142.5	141.1	139.7	141.1	138.4	137.0	138.4	135.6
5°	213.7	213.7	212.4	209.6	208.2	205.5	204.1	193.2	180.8	174.0	163.0
7.5°	178.1	178.1	180.8	187.7	194.5	201.4	205.5	206.9	205.5	206.9	206.9
10°	258.9	263.0	263.0	265.8	265.8	267.2	268.5	271.3	274.0	290.4	302.8
12.5°	278.1	279.5	279.5	280.9	286.3	291.8	291.8	295.9	293.2	291.8	289.1
15°	454.8	448.0	416.5	412.4	411.0	406.9	395.9	391.8	391.8	394.6	393.2
17.5°	486.4	490.5	485.0	478.1	471.3	456.2	430.2	432.9	430.2	432.9	438.4
20°	608.3	596.0	604.2	634.3	654.9	661.7	668.6	672.7	659.0	638.4	635.7
22.5°	686.4	679.5	696.0	701.5	702.8	716.5	719.3	728.9	765.8	759.0	765.8
25°	819.3	890.5	891.9	896.0	902.8	911.1	905.6	917.9	915.2	926.1	926.1
27.5°	953.5	948.1	953.5	959.0	952.2	948.1	961.8	961.8	987.8	972.7	975.5
30°	1082.3	1086.4	1098.8	1109.7	1117.9	1113.8	1115.2	1134.4	1120.7	1131.6	1148.1
32.5°	1172.7	1189.2	1219.3	1227.5	1305.6	1293.3	1327.6	1344.0	1357.7	1379.6	1400.2
35°	1431.7	1444.0	1460.4	1460.4	1452.2	1472.8	1487.8	1498.8	1512.5	1546.8	1535.8
37.5°	1611.2	1612.5	1618.0	1582.4	1605.7	1615.3	1615.3	1638.6	1663.2	1664.6	1639.9
40°	1849.5	1816.7	1803.0	1771.4	1800.2	1760.5	1790.6	1785.1	1803.0	1781.0	1794.7
42.5°	2209.9	2160.5	2083.8	2072.8	2048.2	2026.3	2000.2	2022.2	1983.8	2000.2	2042.7
45°	2667.4	2535.9	2501.7	2466.0	2364.7	2348.2	2335.9	2285.2	2235.9	2289.3	2361.9
47.5°	3145.6	3000.4	2953.8	2886.6	2819.5	2733.2	2682.5	2577.0	2552.4	2619.5	2667.4
50°	3548.4	3437.4	3445.6	3351.1	3267.5	3211.3	3071.6	2966.1	2960.6	2983.9	2960.6
52.5°	3901.8	3878.5	3882.7	3823.7	3767.6	3697.7	3529.2	3466.2	3423.7	3388.1	3293.5
55°	4253.9	4330.7	4323.8	4369.0	4356.7	4306.0	4186.8	4200.5	4184.1	4067.6	3973.1
57.5°	4836.2	4954.0	5028.0	5093.8	5233.5	5218.4	5195.1	5404.8	5396.5	5285.6	5329.4
60°	5597.9	5725.3	5913.0	6081.5	6237.7	6280.2	6413.1	6700.8	6676.1	6688.5	6833.7
62.5°	6173.3	6333.6	6533.7	6730.9	6728.2	6839.2	7106.3	7251.5	7224.1	7421.4	7536.5
64°	6243.2	6413.1	6558.3	6706.3	6685.7	6798.1	7052.9	7122.8	7124.1	7363.9	7442.0
65°	6140.5	6321.3	6426.8	6556.9	6532.3	6655.6	6909.0	6906.3	6946.0	7189.9	7258.4
67.5°	5510.2	5755.5	5841.8	5889.7	5917.1	6102.1	6240.5	6182.9	6354.2	6454.2	6620.0
70°	4647.1	4921.1	5071.8	5092.4	5188.3	5374.6	5476.0	5367.8	5578.7	5511.6	5800.7
72.5°	3664.8	3921.0	4147.1	4171.7	4334.8	4430.7	4421.1	4422.4	4455.3	4349.8	4591.0
75°	2545.5	2741.4	2914.0	2936.0	3022.3	2937.3	2874.3	2749.6	2605.8	2483.9	2468.8
77.5°	1733.1	1797.5	1781.0	1716.6	1646.8	1535.8	1448.1	1423.5	1331.7	1293.3	1213.8
80°	1605.7	1627.6	1596.1	1592.0	1539.9	1416.6	1353.6	1249.5	1235.8	1190.6	1134.4
82.5°	1605.7	1616.6	1622.1	1653.6	1583.7	1489.2	1381.0	1226.2	1172.7	1052.2	979.6
85°	761.7	808.3	886.4	954.9	952.2	926.1	806.9	743.9	631.6	541.2	459.0
87.5°	339.8	378.1	422.0	438.4	453.5	438.4	397.3	358.9	294.6	230.2	190.4
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°	81°	82°	83°	84°	85°	86°
0°	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9
2.5°	135.6	135.6	135.6	135.6	134.3	134.3	134.3	134.3	134.3	132.9	132.9
5°	152.1	149.3	143.9	143.9	141.1	139.7	139.7	138.4	138.4	137.0	137.0
7.5°	205.5	204.1	200.0	183.6	158.9	149.3	141.1	141.1	139.7	141.1	143.9
10°	308.3	308.3	305.5	301.4	300.0	294.6	267.2	243.9	228.8	226.1	223.3
12.5°	293.2	300.0	317.8	327.4	327.4	326.1	323.3	315.1	276.7	253.5	248.0
15°	394.6	397.3	398.7	404.2	420.6	423.3	420.6	423.3	420.6	394.6	358.9
17.5°	443.9	434.3	434.3	438.4	454.8	446.6	463.1	512.4	522.0	480.9	485.0
20°	630.2	630.2	633.0	623.4	630.2	642.5	643.9	649.4	660.4	657.6	641.2
22.5°	748.0	738.4	761.7	772.7	776.8	775.4	774.1	771.3	776.8	785.0	778.2
25°	909.7	917.9	919.3	913.8	901.5	896.0	905.6	915.2	943.9	961.8	949.4
27.5°	1005.6	1030.3	1093.3	1079.6	1071.4	1081.0	1087.8	1111.1	1101.5	1094.7	1113.8
30°	1171.4	1167.3	1153.6	1165.9	1182.3	1202.9	1197.4	1181.0	1172.7	1191.9	1186.4
32.5°	1393.3	1376.9	1402.9	1439.9	1465.9	1444.0	1428.9	1448.1	1448.1	1427.6	1450.9
35°	1516.6	1546.8	1586.5	1611.2	1593.3	1593.3	1608.4	1598.8	1605.7	1629.0	1642.7
37.5°	1666.0	1715.3	1739.9	1715.3	1720.8	1753.6	1755.0	1768.7	1782.4	1808.4	1846.8
40°	1856.4	1881.0	1863.2	1861.9	1903.0	1913.9	1938.6	1986.5	2007.1	2044.1	2060.5
42.5°	2092.0	2098.9	2101.6	2150.9	2157.8	2170.1	2233.1	2277.0	2330.4	2345.5	2324.9
45°	2383.8	2379.7	2441.4	2475.6	2483.9	2570.2	2594.8	2627.7	2663.3	2631.8	2683.9
47.5°	2649.6	2716.8	2796.2	2799.0	2868.8	2925.0	2946.9	2977.1	2948.3	2981.2	2942.8
50°	2963.4	3083.9	3071.6	3171.6	3226.4	3237.4	3282.6	3238.7	3244.2	3212.7	3201.7
52.5°	3355.2	3405.9	3400.4	3540.1	3549.7	3588.1	3555.2	3529.2	3525.1	3484.0	3453.8
55°	4036.1	3969.0	4040.2	4092.3	4119.7	4134.7	4030.6	4075.8	3971.7	3970.3	3899.1
57.5°	5291.0	5278.7	5323.9	5266.4	5340.4	5223.9	5217.1	5125.3	5060.9	5059.5	5018.4
60°	6802.2	6994.0	7037.8	6983.0	6841.9	6787.1	6698.1	6620.0	6506.3	6515.8	6430.9
62.5°	7654.3	7918.7	7988.6	8024.2	7842.0	7759.8	7555.7	7425.5	7250.2	7194.0	7057.0
64°	7669.4	7933.8	8062.6	8117.4	8025.6	7896.8	7703.7	7507.7	7329.6	7183.0	7058.4
65°	7555.7	7783.1	7958.5	8013.3	8006.4	7836.5	7676.3	7444.7	7280.3	7077.6	6950.1
67.5°	6943.3	7144.7	7373.5	7463.9	7557.1	7498.1	7361.1	7136.5	6939.2	6695.3	6517.2
70°	5995.2	6170.6	6374.7	6506.3	6607.6	6657.0	6539.1	6366.5	6217.2	5930.8	5721.2
72.5°	4682.7	4711.5	4752.6	4758.1	4718.4	4699.2	4593.7	4606.0	4332.0	4158.0	4037.5
75°	2326.3	2230.4	1997.5	1911.2	1713.9	1597.4	1463.2	1409.8	1270.0	1230.3	1123.4
77.5°	1065.9	933.0	770.0	641.2	535.7	463.1	394.6	346.6	306.9	291.8	269.9
80°	1044.0	938.5	812.4	717.9	606.9	506.9	412.4	323.3	260.3	221.9	197.3
82.5°	889.1	765.8	680.9	624.7	554.9	485.0	397.3	320.6	246.6	190.4	154.8
85°	364.4	297.3	252.1	228.8	204.1	179.5	154.8	132.9	119.2	101.4	91.8
87.5°	156.2	137.0	126.0	124.7	119.2	115.1	111.0	105.5	93.2	86.3	78.1
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):**

	87°	88°	89°	90°	91°	92°	93°	94°	95°	96°	97°
0°	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9
2.5°	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9
5°	137.0	137.0	135.6	135.6	135.6	135.6	137.0	135.6	135.6	135.6	135.6
7.5°	145.2	145.2	145.2	145.2	145.2	145.2	145.2	146.6	145.2	145.2	146.6
10°	221.9	220.6	215.1	213.7	211.0	211.0	211.0	212.4	217.8	220.6	223.3
12.5°	242.5	245.2	248.0	242.5	245.2	238.4	242.5	245.2	243.9	245.2	242.5
15°	361.7	361.7	360.3	358.9	354.8	350.7	349.4	349.4	346.6	343.9	346.6
17.5°	479.5	479.5	472.7	467.2	467.2	438.4	459.0	452.1	456.2	437.0	489.1
20°	601.4	598.7	602.8	612.4	616.5	609.7	600.1	589.1	586.4	604.2	626.1
22.5°	776.8	771.3	756.3	737.1	734.3	733.0	750.8	750.8	752.1	760.4	774.1
25°	930.2	900.1	887.8	901.5	905.6	886.4	886.4	893.3	930.2	943.9	945.3
27.5°	1117.9	1108.4	1100.1	1083.7	1076.8	1104.2	1119.3	1102.9	1097.4	1117.9	1117.9
30°	1194.7	1216.6	1215.2	1231.7	1244.0	1209.7	1191.9	1235.8	1231.7	1200.1	1218.0
32.5°	1475.5	1486.5	1501.5	1522.1	1507.0	1528.9	1505.7	1487.8	1516.6	1511.1	1490.6
35°	1641.3	1671.4	1671.4	1672.8	1713.9	1705.7	1696.1	1690.6	1668.7	1683.8	1693.4
37.5°	1844.1	1824.9	1841.3	1861.9	1870.1	1879.7	1882.4	1889.3	1860.5	1841.3	1813.9
40°	2042.7	2066.0	2045.4	2050.9	2067.4	2064.6	2075.6	2090.7	2049.6	2020.8	1982.4
42.5°	2341.4	2333.2	2327.7	2319.5	2300.3	2319.5	2300.3	2256.4	2266.0	2223.6	2168.8
45°	2655.1	2638.7	2640.0	2614.0	2594.8	2542.8	2527.7	2515.4	2463.3	2431.8	2345.5
47.5°	2945.6	2933.2	2889.4	2899.0	2840.1	2778.4	2740.1	2720.9	2649.6	2564.7	2512.6
50°	3194.9	3162.0	3163.4	3100.4	3057.9	3009.9	2949.7	2875.7	2797.6	2718.1	2605.8
52.5°	3421.0	3418.2	3378.5	3334.6	3271.6	3245.6	3142.8	3037.3	2942.8	2848.3	2722.2
55°	3945.7	3897.7	3814.2	3792.2	3762.1	3604.5	3527.8	3399.0	3252.4	3137.4	2968.8
57.5°	5030.7	4967.7	4869.1	4859.5	4674.5	4548.5	4371.8	4221.0	4021.0	3825.1	3577.1
60°	6325.4	6232.2	6239.1	6096.6	5939.1	5788.4	5567.8	5354.1	5077.3	4741.7	4326.5
62.5°	6933.7	6843.3	6765.2	6603.5	6436.4	6270.6	6088.4	5802.1	5534.9	5143.1	4627.9
64°	6913.1	6802.2	6683.0	6520.0	6369.2	6176.1	5991.1	5730.8	5429.4	5066.4	4522.5
65°	6813.1	6689.8	6536.4	6380.2	6199.4	6019.9	5837.7	5602.0	5269.1	4917.0	4369.0
67.5°	6341.8	6182.9	6018.5	5867.8	5677.4	5499.3	5336.2	5123.9	4778.6	4400.5	3908.7
70°	5566.4	5370.5	5189.7	5092.4	4954.0	4795.1	4597.8	4419.7	4100.5	3725.1	3278.5
72.5°	3822.4	3596.3	3470.3	3511.4	3373.0	3323.7	3277.1	3137.4	2857.9	2588.0	2301.6
75°	1196.0	1105.6	1045.3	1119.3	1068.6	1150.8	1124.8	1100.1	1026.1	994.6	894.6
77.5°	271.3	258.9	253.5	250.7	252.1	250.7	246.6	245.2	241.1	243.9	237.0
80°	187.7	179.5	176.7	172.6	169.9	165.8	161.7	160.3	158.9	156.2	154.8
82.5°	135.6	124.7	123.3	120.6	119.2	116.5	115.1	117.8	116.5	120.6	120.6
85°	87.7	82.2	79.5	80.8	79.5	82.2	83.6	86.3	90.4	94.5	101.4
87.5°	72.6	68.5	68.5	69.9	72.6	75.4	82.2	90.4	97.3	108.2	120.6
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: UTLD-E03-LED-E-U-SL2-7030

**CANDELA DISTRIBUTION (continued):**

	98°	99°	100°	101°	102°	103°	104°	105°	115°	125°	135°
0°	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9
2.5°	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	135.6	137.0	143.9
5°	135.6	137.0	135.6	137.0	137.0	137.0	138.4	138.4	174.0	211.0	148.0
7.5°	145.2	146.6	145.2	143.9	142.5	141.1	148.0	154.8	194.5	138.4	135.6
10°	224.7	226.1	227.4	241.1	261.7	290.4	295.9	295.9	215.1	187.7	211.0
12.5°	242.5	252.1	293.2	308.3	308.3	308.3	305.5	289.1	227.4	297.3	295.9
15°	371.3	401.4	402.8	404.2	402.8	376.8	352.1	345.2	354.8	319.2	304.1
17.5°	475.4	420.6	459.0	383.6	361.7	367.2	372.6	380.9	432.9	404.2	374.0
20°	637.1	638.4	600.1	586.4	576.8	575.4	578.2	583.6	550.8	453.5	417.9
22.5°	760.4	739.8	746.7	756.3	748.0	728.9	720.6	711.0	652.1	598.7	441.1
25°	913.8	909.7	900.1	898.7	919.3	931.6	922.0	908.3	815.2	601.4	471.3
27.5°	1115.2	1123.4	1120.7	1091.9	1078.2	1097.4	1078.2	1037.1	913.8	746.7	486.4
30°	1219.3	1238.5	1248.1	1246.7	1213.8	1213.8	1204.3	1231.7	1005.6	727.5	498.7
32.5°	1501.5	1502.9	1498.8	1500.2	1494.7	1448.1	1400.2	1374.1	991.9	743.9	475.4
35°	1656.4	1644.0	1646.8	1619.4	1586.5	1552.2	1501.5	1438.5	1061.8	682.3	419.2
37.5°	1823.5	1778.3	1730.3	1707.1	1659.1	1618.0	1579.6	1504.3	1027.5	631.6	358.9
40°	1940.0	1926.3	1835.8	1776.9	1744.0	1679.7	1613.9	1565.9	963.1	524.7	304.1
42.5°	2078.3	2019.4	1976.9	1861.9	1787.9	1737.2	1644.0	1556.3	861.7	424.7	264.4
45°	2251.0	2137.2	2045.4	1971.5	1816.7	1720.8	1633.1	1527.6	733.0	346.6	239.8
47.5°	2389.3	2266.0	2108.5	1978.3	1850.9	1661.8	1561.8	1439.9	611.0	298.7	223.3
50°	2507.1	2333.2	2155.1	1953.7	1789.3	1593.3	1433.0	1335.8	504.2	260.3	204.1
52.5°	2578.4	2385.2	2166.0	1924.9	1693.4	1512.5	1335.8	1197.4	423.3	232.9	185.0
55°	2730.5	2516.7	2234.5	1945.4	1667.3	1446.7	1285.1	1115.2	375.4	208.2	169.9
57.5°	3242.9	2879.8	2529.1	2145.5	1807.1	1523.5	1328.9	1145.3	349.4	190.4	157.6
60°	3893.6	3400.4	2900.3	2407.1	1989.3	1648.1	1382.4	1190.6	322.0	179.5	150.7
62.5°	4104.6	3533.3	2959.3	2455.1	1976.9	1611.2	1335.8	1124.8	282.2	171.3	149.3
64°	3962.1	3385.3	2829.1	2316.7	1863.2	1501.5	1235.8	1019.3	254.8	168.5	154.8
65°	3799.1	3230.5	2707.2	2207.1	1764.6	1405.6	1144.0	942.6	237.0	167.1	160.3
67.5°	3327.8	2803.1	2300.3	1831.7	1446.7	1137.1	886.4	708.3	198.7	171.3	179.5
70°	2794.9	2263.3	1844.1	1427.6	1098.8	835.7	627.5	485.0	172.6	182.2	194.5
72.5°	1982.4	1541.3	1270.0	959.0	724.7	528.8	400.0	305.5	152.1	176.7	180.8
75°	785.0	657.6	526.1	409.6	334.3	274.0	230.2	187.7	137.0	157.6	142.5
77.5°	220.6	206.9	191.8	172.6	161.7	152.1	142.5	135.6	123.3	132.9	106.9
80°	148.0	142.5	138.4	134.3	131.5	127.4	124.7	123.3	113.7	111.0	79.5
82.5°	119.2	119.2	120.6	120.6	121.9	123.3	123.3	123.3	111.0	98.6	65.8
85°	108.2	115.1	123.3	132.9	139.7	142.5	143.9	141.1	105.5	84.9	52.1
87.5°	134.3	149.3	164.4	178.1	180.8	186.3	178.1	174.0	84.9	68.5	32.9
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):**

	145°	155°	165°	175°	180°
0°	132.9	132.9	132.9	132.9	132.9
2.5°	160.3	204.1	213.7	213.7	209.6
5°	137.0	135.6	131.5	131.5	131.5
7.5°	137.0	185.0	208.2	212.4	209.6
10°	209.6	216.5	215.1	211.0	209.6
12.5°	217.8	237.0	279.5	275.4	276.7
15°	356.2	269.9	265.8	257.6	257.6
17.5°	339.8	290.4	304.1	298.7	298.7
20°	375.4	338.4	286.3	285.0	278.1
22.5°	389.1	356.2	311.0	298.7	298.7
25°	400.0	328.8	287.7	305.5	305.5
27.5°	368.5	331.5	279.5	267.2	265.8
30°	376.8	300.0	278.1	263.0	261.7
32.5°	343.9	276.7	250.7	260.3	260.3
35°	306.9	261.7	245.2	248.0	248.0
37.5°	276.7	245.2	246.6	250.7	250.7
40°	249.3	237.0	249.3	254.8	253.5
42.5°	231.5	227.4	232.9	238.4	237.0
45°	215.1	212.4	217.8	220.6	219.2
47.5°	201.4	201.4	202.8	204.1	204.1
50°	187.7	190.4	190.4	190.4	189.1
52.5°	175.4	175.4	178.1	176.7	176.7
55°	163.0	164.4	168.5	165.8	164.4
57.5°	152.1	157.6	157.6	154.8	153.4
60°	146.6	152.1	149.3	143.9	142.5
62.5°	149.3	148.0	142.5	135.6	134.3
64°	153.4	148.0	139.7	131.5	131.5
65°	157.6	148.0	138.4	128.8	128.8
67.5°	174.0	156.2	146.6	127.4	124.7
70°	183.6	168.5	157.6	127.4	121.9
72.5°	167.1	158.9	157.6	124.7	117.8
75°	128.8	134.3	141.1	116.5	111.0
77.5°	98.6	113.7	131.5	101.4	93.2
80°	79.5	108.2	137.0	84.9	71.2
82.5°	68.5	130.2	141.1	69.9	58.9
85°	56.2	146.6	138.4	60.3	42.5
87.5°	41.1	69.9	93.2	54.8	34.3
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)