

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: P179279

Luminaire Tested: **UTLD-E03-LED-E-U-SL3-HSS-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P179279
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P34325)
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-HSS-7030
Description: TRADITIONAIRE LED DOWNLIGHT LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL AND
HOUSE SIDE SHIELD
Light Source: (63) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4241.7 lumens
Efficiency: N/A
Efficacy: 56.4 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 1' x H: 0.1')
IES Classification: Type III - Short - Non-Cutoff
BUG Rating: B0 - U0 - G2

Input Watts (W): 75.2
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

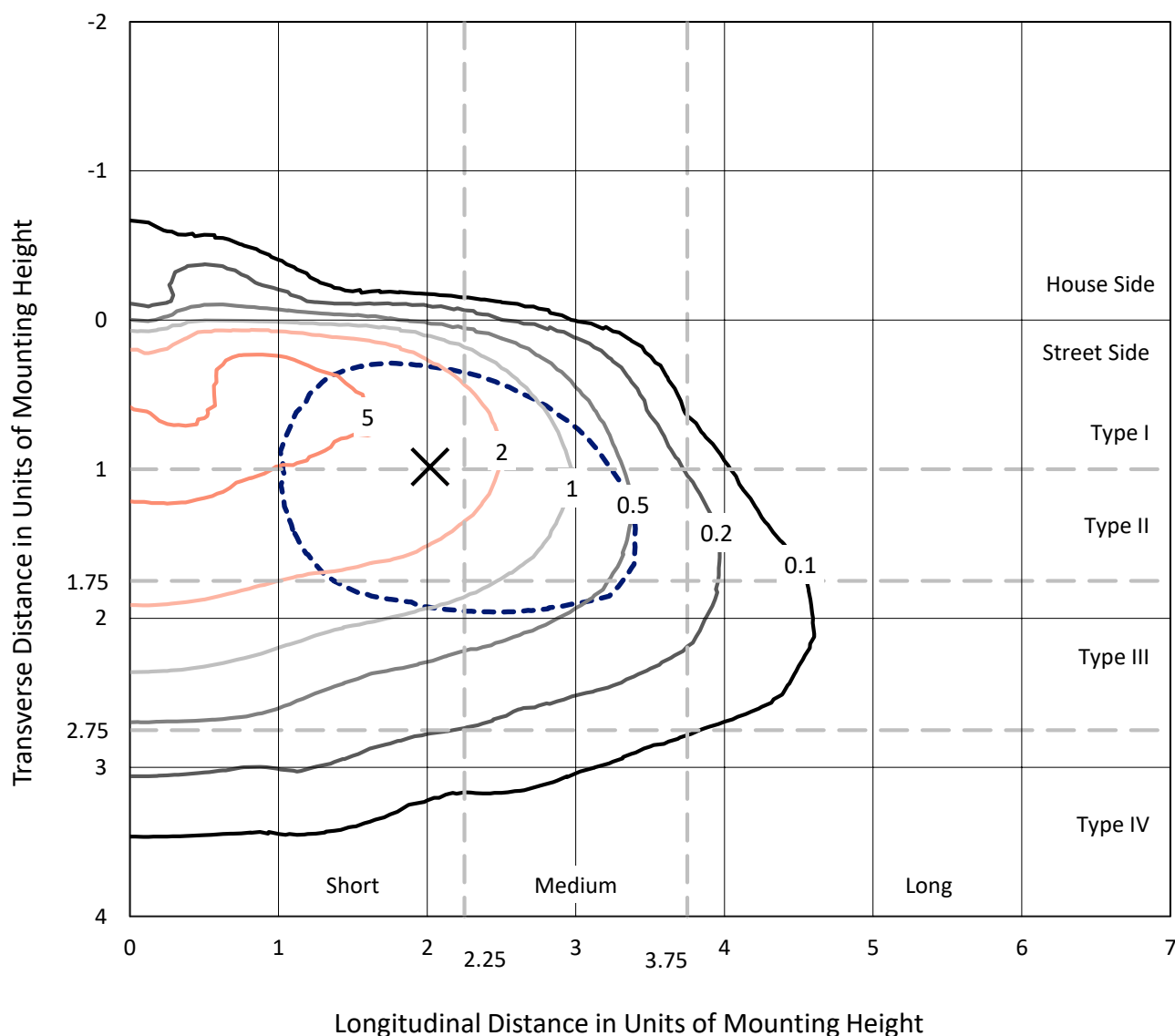


REPORT NUMBER: P179279

CATALOG NUMBER: UTLD-E03-LED-E-U-SL3-HSS-7030

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

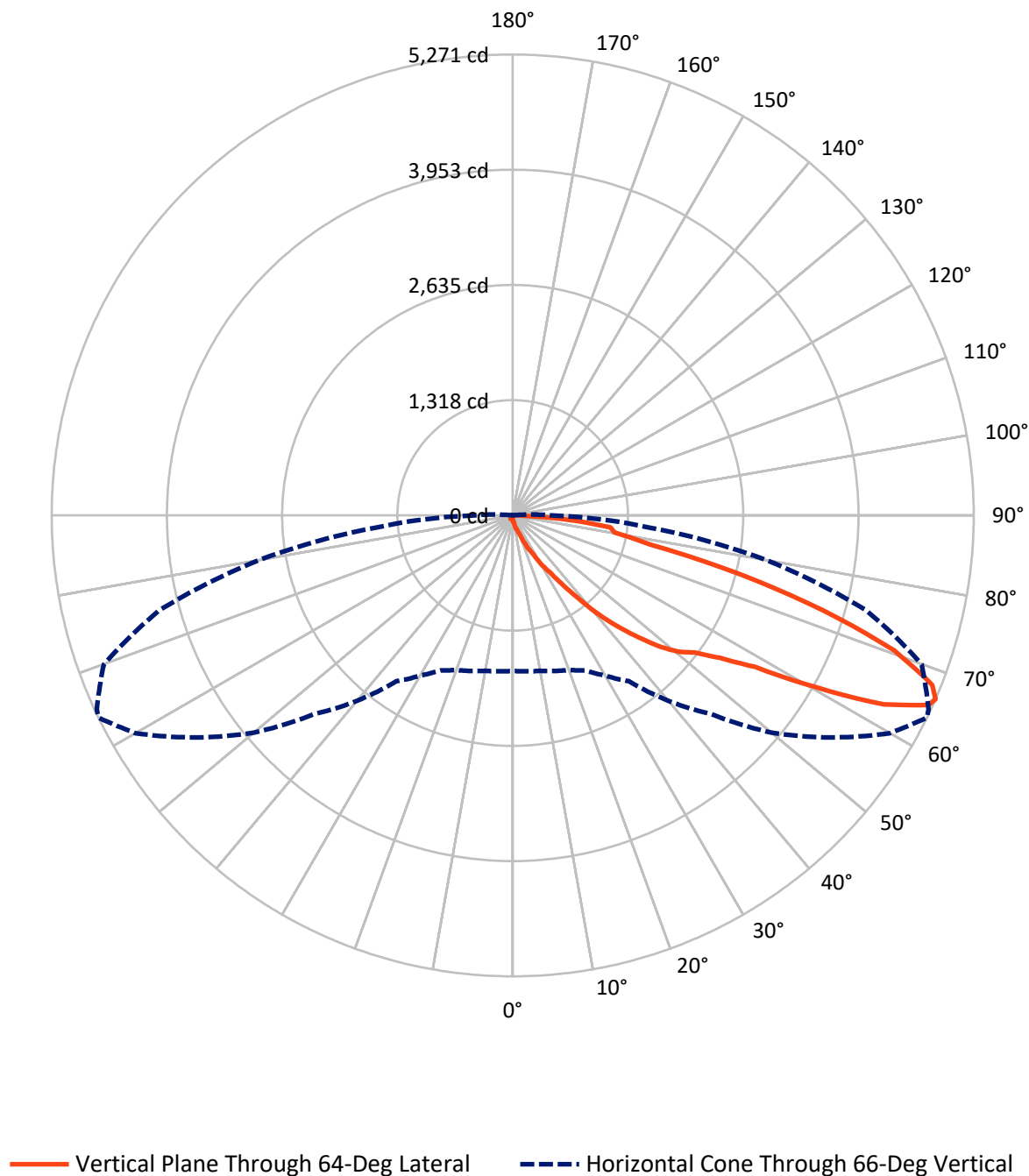


Based on 10 foot mounting height. Maximum calculated value = 6.8 fc
 Type III - Short - Non-Cutoff

REPORT NUMBER: P179279

CATALOG NUMBER: UTLD-E03-LED-E-U-SL3-HSS-7030

Luminous Intensity Polar Plot



REPORT NUMBER: P179279

CATALOG NUMBER: UTLD-E03-LED-E-U-SL3-HSS-7030

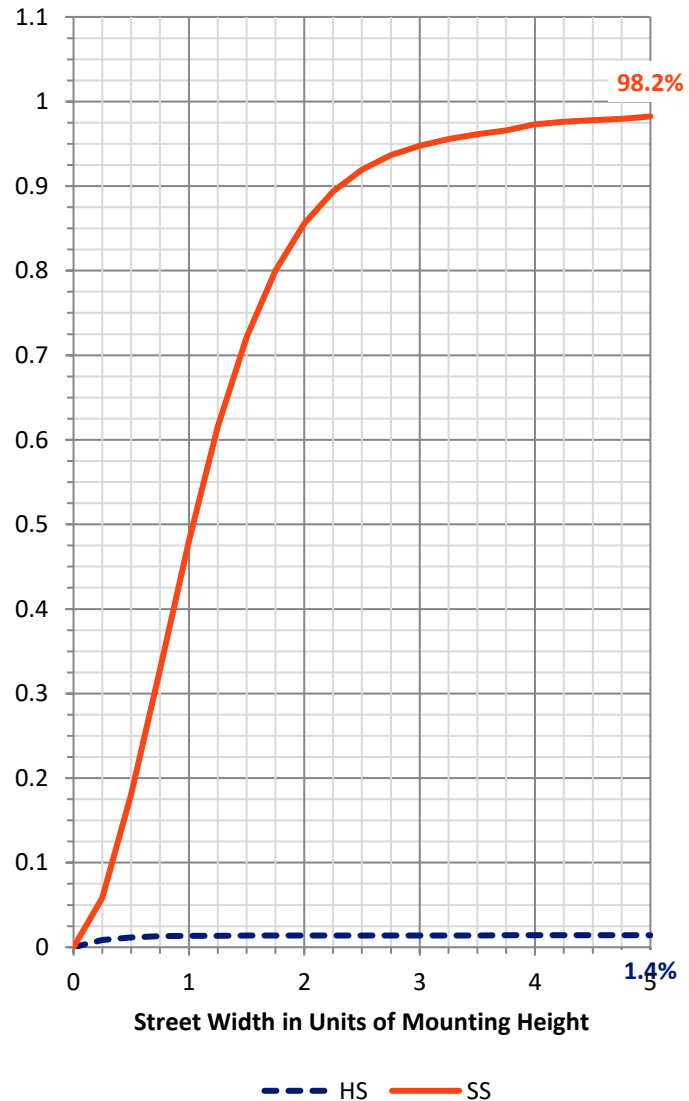
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	62.0	0.0	62.0
	% Fixture	1.5	0.0	1.5
Street Side	Lumens	4179.7	0.0	4179.7
	% Fixture	98.5	0.0	98.5
Total	Lumens	4241.7	0.0	4241.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.9	0.1
10°-20°	33.1	0.8
20°-30°	101.3	2.4
30°-40°	269.5	6.4
40°-50°	626.8	14.8
50°-60°	1068.8	25.2
60°-70°	1411.0	33.3
70°-80°	633.1	14.9
80°-90°	92.1	2.2
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°	4241.7	100.0
0°-180°	4241.7	100.0

Coefficient of Utilization



REPORT NUMBER: P179279

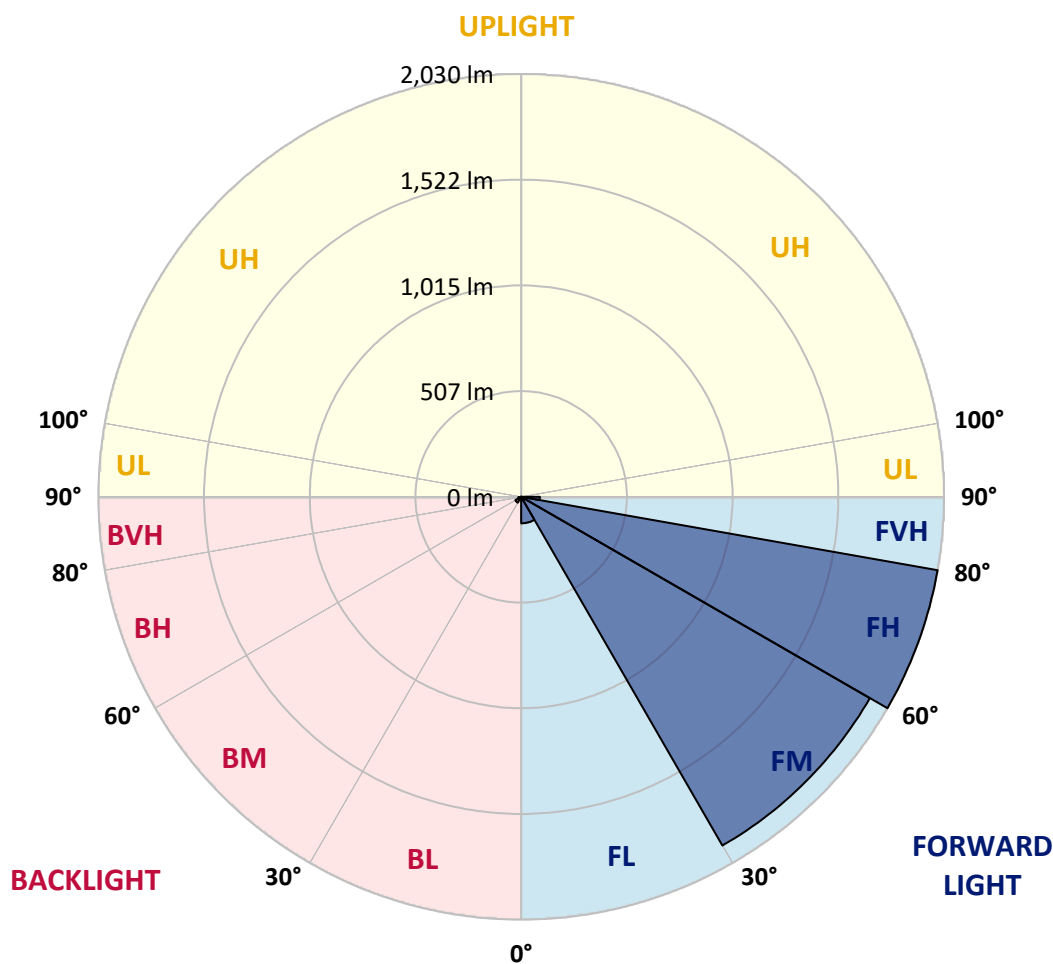
CATALOG NUMBER: UTLD-E03-LED-E-U-SL3-HSS-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	127.3	3.0			
FM	(30°-60°)	1932.9	45.6			
FH	(60°-80°)	2029.9	47.9			G2/5000
FVH	(80°-90°)	89.6	2.1			G1/100
BL	(0°-30°)	13.0	0.3	B0/110		
BM	(30°-60°)	32.1	0.8	B0/220		
BH	(60°-80°)	14.2	0.3	B0/110		G0/110
BVH	(80°-90°)	2.5	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





REPORT NUMBER: P179279

CATALOG NUMBER: UTLD-E03-LED-E-U-SL3-HSS-7030

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
2.5°	72.6	72.6	72.6	71.2	69.9	69.9	68.5	67.1	67.1	67.1	65.8
5°	98.6	94.5	91.8	87.7	84.9	84.9	82.2	80.8	79.5	78.1	75.4
7.5°	146.6	145.2	142.5	141.1	139.7	138.4	134.3	132.9	128.8	117.8	90.4
10°	186.3	179.5	179.5	169.9	164.4	158.9	153.4	150.7	150.7	141.1	134.3
12.5°	223.3	224.7	226.1	227.4	223.3	220.6	216.5	211.0	174.0	165.8	165.8
15°	297.3	294.6	290.4	269.9	239.8	234.3	223.3	224.7	243.9	231.5	197.3
17.5°	308.3	308.3	305.5	301.4	295.9	286.3	287.7	279.5	253.5	248.0	246.6
20°	397.3	397.3	391.8	378.1	346.6	301.4	311.0	300.0	301.4	295.9	280.9
22.5°	431.6	432.9	422.0	406.9	385.0	382.2	360.3	315.1	328.8	320.6	324.7
25°	546.6	543.9	528.8	497.3	468.5	401.4	369.9	376.8	357.6	346.6	397.3
27.5°	672.7	669.9	615.1	552.1	506.9	460.3	438.4	398.7	406.9	416.5	432.9
30°	741.2	734.3	706.9	659.0	604.2	543.9	468.5	457.6	448.0	456.2	569.9
32.5°	896.0	894.6	857.6	800.1	733.0	619.3	556.2	534.3	511.0	579.5	661.7
35°	1068.6	1063.1	1035.7	950.8	863.1	776.8	730.2	660.4	680.9	722.0	849.4
37.5°	1204.3	1204.3	1167.3	1091.9	1052.2	980.9	920.7	909.7	878.2	938.5	1089.2
40°	1281.0	1289.2	1297.4	1271.4	1233.0	1202.9	1170.0	1148.1	1160.4	1189.2	1342.6
42.5°	1407.0	1422.1	1448.1	1435.8	1418.0	1424.8	1376.9	1389.2	1411.1	1455.0	1612.5
45°	1590.6	1602.9	1631.7	1653.6	1683.8	1667.3	1576.9	1641.3	1687.9	1716.6	1883.8
47.5°	1772.8	1796.1	1834.5	1867.3	1915.3	1898.9	1848.2	1875.6	1922.1	1952.3	2145.5
50°	1931.7	1953.7	1994.8	2044.1	2064.6	2104.4	2085.2	2098.9	2153.7	2178.3	2367.4
52.5°	2050.9	2061.9	2097.5	2153.7	2175.6	2237.3	2245.5	2244.1	2351.0	2389.3	2586.6
55°	2113.9	2124.9	2159.2	2203.0	2231.8	2315.3	2307.1	2330.4	2489.3	2561.9	2809.9
57.5°	2126.3	2140.0	2167.4	2222.2	2245.5	2344.1	2324.9	2379.7	2588.0	2737.3	3046.9
60°	2103.0	2118.1	2141.3	2193.4	2226.3	2320.8	2349.6	2424.9	2688.0	2927.7	3349.7
62.5°	2003.0	2026.3	2040.0	2096.1	2127.6	2207.1	2338.6	2478.4	2799.0	3107.2	3671.7
65°	1849.5	1861.9	1881.0	1922.1	1959.1	2038.6	2214.0	2416.7	2827.7	3219.6	3859.4
66°	1778.3	1789.3	1804.3	1841.3	1881.0	1955.0	2113.9	2314.0	2764.7	3214.1	3864.8
67.5°	1639.9	1645.4	1672.8	1701.6	1745.4	1792.0	1913.9	2112.6	2578.4	3075.7	3762.1
70°	1107.0	1124.8	1200.1	1300.2	1361.8	1355.0	1431.7	1607.0	2018.0	2500.3	3245.6
72.5°	520.6	526.1	535.7	575.4	802.8	849.4	902.8	1053.5	1363.2	1741.3	2368.8
75°	426.1	431.6	448.0	468.5	516.5	572.7	591.9	650.8	875.4	1079.6	1448.1
77.5°	145.2	149.3	160.3	190.4	291.8	365.8	431.6	537.0	659.0	767.2	949.4
80°	60.3	64.4	69.9	64.4	75.4	124.7	157.6	230.2	401.4	589.1	752.1
82.5°	32.9	34.3	38.4	35.6	43.8	57.5	61.7	67.1	97.3	197.3	422.0
85°	9.6	9.6	11.0	17.8	26.0	38.4	38.4	37.0	37.0	56.2	105.5
87.5°	2.7	2.7	4.1	5.5	8.2	13.7	16.4	16.4	17.8	23.3	34.3
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: P179279

CATALOG NUMBER: UTLD-E03-LED-E-U-SL3-HSS-7030

CANDELA DISTRIBUTION (continued):

	55°	60°	64°	65°	70°	75°	80°	85°	90°	95°	100°
0°	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
2.5°	65.8	65.8	65.8	65.8	64.4	64.4	60.3	54.8	49.3	43.8	39.7
5°	74.0	69.9	68.5	68.5	64.4	64.4	63.0	58.9	45.2	38.4	34.3
7.5°	83.6	78.1	75.4	75.4	71.2	65.8	63.0	60.3	46.6	37.0	32.9
10°	131.5	109.6	94.5	90.4	84.9	78.1	74.0	74.0	54.8	43.8	39.7
12.5°	160.3	152.1	142.5	135.6	98.6	89.1	84.9	74.0	57.5	42.5	37.0
15°	183.6	171.3	160.3	157.6	156.2	119.2	102.8	93.2	67.1	54.8	45.2
17.5°	264.4	211.0	193.2	191.8	174.0	131.5	113.7	93.2	72.6	54.8	45.2
20°	279.5	258.9	230.2	235.6	238.4	208.2	163.0	127.4	95.9	72.6	54.8
22.5°	358.9	348.0	330.2	324.7	272.6	238.4	176.7	149.3	104.1	72.6	54.8
25°	411.0	404.2	427.4	423.3	393.2	331.5	242.5	178.1	130.2	83.6	61.7
27.5°	512.4	545.3	500.1	513.8	456.2	398.7	319.2	220.6	138.4	87.7	63.0
30°	582.3	628.8	659.0	650.8	576.8	464.4	354.8	249.3	150.7	87.7	65.8
32.5°	731.6	763.1	768.6	752.1	708.3	586.4	424.7	286.3	157.6	90.4	69.9
35°	870.0	949.4	948.1	950.8	863.1	722.0	513.8	308.3	168.5	90.4	69.9
37.5°	1137.1	1181.0	1175.5	1174.1	1076.8	882.3	605.6	372.6	180.8	90.4	68.5
40°	1394.7	1448.1	1446.7	1431.7	1328.9	1074.1	760.4	424.7	193.2	93.2	64.4
42.5°	1644.0	1668.7	1709.8	1715.3	1539.9	1294.7	917.9	495.9	206.9	95.9	61.7
45°	1904.3	1876.9	1955.0	1949.5	1787.9	1528.9	1052.2	579.5	228.8	93.2	57.5
47.5°	2167.4	2161.9	2229.0	2179.7	2059.1	1808.4	1244.0	668.6	242.5	89.1	53.4
50°	2400.3	2444.1	2449.6	2377.0	2315.3	2082.4	1497.4	787.8	269.9	82.2	50.7
52.5°	2604.4	2675.7	2604.4	2589.3	2586.6	2300.3	1711.2	894.6	295.9	75.4	46.6
55°	2859.2	2911.3	2872.9	2878.4	2905.8	2670.2	1974.2	1091.9	341.1	68.5	42.5
57.5°	3185.3	3289.4	3267.5	3363.4	3368.9	3193.5	2348.2	1316.6	394.6	63.0	38.4
60°	3618.2	3874.4	3999.1	4106.0	3982.7	3763.5	2763.3	1502.9	437.0	57.5	34.3
62.5°	4115.6	4537.5	4759.5	4880.0	4540.3	4071.7	2931.9	1582.4	446.6	50.7	30.1
65°	4400.5	4928.0	5223.9	5232.1	4907.4	4164.9	2956.5	1579.6	437.0	43.8	26.0
66°	4426.6	4978.7	5270.5	5245.8	4973.2	4175.8	2940.1	1555.0	427.4	41.1	24.7
67.5°	4332.0	4884.1	5173.2	5126.6	4933.5	4114.2	2831.8	1492.0	408.3	37.0	23.3
70°	3838.8	4334.8	4627.9	4564.9	4578.6	3751.1	2377.0	1272.8	356.2	30.1	20.6
72.5°	3026.4	3584.0	3712.8	3666.2	3749.8	2774.3	1679.7	893.3	265.8	24.7	17.8
75°	2030.4	2588.0	2677.0	2640.0	2377.0	1397.4	667.2	376.8	138.4	20.6	15.1
77.5°	1223.4	1630.3	1607.0	1611.2	1272.8	567.2	126.0	87.7	46.6	16.4	11.0
80°	894.6	1131.6	1178.2	1207.0	998.7	371.3	69.9	52.1	27.4	12.3	8.2
82.5°	726.1	1013.8	1127.5	1138.5	904.2	294.6	53.4	41.1	20.6	9.6	5.5
85°	198.7	517.9	639.8	606.9	385.0	100.0	38.4	27.4	13.7	6.9	5.5
87.5°	46.6	117.8	149.3	153.4	109.6	37.0	32.9	26.0	9.6	5.5	5.5
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: P179279

CATALOG NUMBER: UTLD-E03-LED-E-U-SL3-HSS-7030

CANDELA DISTRIBUTION (continued):

	105°	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
0°	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
2.5°	38.4	37.0	35.6	34.3	34.3	32.9	32.9	32.9	31.5	32.9	32.9
5°	32.9	31.5	30.1	28.8	27.4	27.4	27.4	28.8	30.1	30.1	30.1
7.5°	31.5	28.8	27.4	27.4	27.4	19.2	13.7	12.3	12.3	12.3	13.7
10°	32.9	28.8	30.1	16.4	11.0	11.0	11.0	11.0	11.0	15.1	17.8
12.5°	34.3	31.5	17.8	16.4	15.1	13.7	16.4	15.1	15.1	16.4	16.4
15°	39.7	24.7	19.2	16.4	19.2	20.6	19.2	17.8	15.1	15.1	17.8
17.5°	32.9	24.7	21.9	24.7	24.7	20.6	17.8	20.6	20.6	19.2	17.8
20°	39.7	34.3	30.1	26.0	23.3	21.9	23.3	20.6	19.2	19.2	20.6
22.5°	42.5	37.0	38.4	34.3	31.5	24.7	23.3	20.6	21.9	20.6	20.6
25°	52.1	52.1	45.2	35.6	32.9	28.8	27.4	21.9	21.9	19.2	20.6
27.5°	56.2	50.7	45.2	41.1	37.0	28.8	27.4	23.3	20.6	20.6	17.8
30°	58.9	52.1	46.6	41.1	35.6	31.5	27.4	23.3	20.6	19.2	19.2
32.5°	63.0	54.8	45.2	38.4	34.3	28.8	27.4	21.9	19.2	16.4	16.4
35°	58.9	50.7	43.8	38.4	31.5	27.4	24.7	20.6	16.4	16.4	15.1
37.5°	54.8	46.6	39.7	35.6	30.1	24.7	21.9	17.8	15.1	13.7	13.7
40°	52.1	43.8	37.0	31.5	26.0	21.9	19.2	15.1	12.3	11.0	11.0
42.5°	48.0	39.7	32.9	27.4	23.3	19.2	16.4	12.3	9.6	8.2	8.2
45°	45.2	37.0	30.1	24.7	19.2	16.4	12.3	9.6	6.9	5.5	5.5
47.5°	42.5	34.3	26.0	20.6	16.4	13.7	9.6	6.9	4.1	4.1	2.7
50°	38.4	30.1	23.3	17.8	13.7	11.0	6.9	4.1	2.7	1.4	1.4
52.5°	35.6	26.0	20.6	15.1	11.0	8.2	5.5	2.7	1.4	1.4	1.4
55°	31.5	23.3	17.8	12.3	9.6	5.5	2.7	1.4	1.4	1.4	1.4
57.5°	27.4	19.2	15.1	11.0	6.9	4.1	2.7	1.4	1.4	1.4	0.0
60°	23.3	16.4	12.3	8.2	5.5	2.7	1.4	1.4	1.4	1.4	0.0
62.5°	20.6	13.7	9.6	6.9	4.1	2.7	1.4	1.4	1.4	1.4	0.0
65°	17.8	11.0	8.2	5.5	2.7	2.7	1.4	1.4	1.4	1.4	0.0
66°	16.4	11.0	6.9	4.1	2.7	2.7	1.4	1.4	1.4	1.4	0.0
67.5°	15.1	9.6	6.9	4.1	2.7	2.7	1.4	1.4	1.4	1.4	1.4
70°	13.7	8.2	5.5	4.1	2.7	1.4	1.4	1.4	1.4	1.4	1.4
72.5°	12.3	6.9	4.1	4.1	2.7	2.7	1.4	1.4	1.4	1.4	1.4
75°	8.2	4.1	4.1	2.7	2.7	2.7	1.4	2.7	2.7	2.7	2.7
77.5°	5.5	4.1	2.7	2.7	2.7	2.7	1.4	2.7	2.7	2.7	2.7
80°	5.5	4.1	4.1	4.1	4.1	4.1	1.4	4.1	4.1	4.1	2.7
82.5°	4.1	4.1	4.1	4.1	5.5	5.5	1.4	5.5	5.5	4.1	4.1
85°	4.1	4.1	4.1	5.5	5.5	6.9	1.4	5.5	5.5	5.5	5.5
87.5°	4.1	5.5	5.5	5.5	6.9	6.9	2.7	6.9	6.9	6.9	5.5
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: P179279

CATALOG NUMBER: UTLD-E03-LED-E-U-SL3-HSS-7030

CANDELA DISTRIBUTION (continued):

	160°	165°	170°	175°	180°
0°	50.7	50.7	50.7	50.7	50.7
2.5°	32.9	34.3	34.3	35.6	35.6
5°	27.4	27.4	24.7	24.7	23.3
7.5°	13.7	13.7	15.1	15.1	15.1
10°	19.2	20.6	20.6	20.6	21.9
12.5°	16.4	17.8	19.2	19.2	19.2
15°	19.2	20.6	21.9	21.9	21.9
17.5°	17.8	17.8	19.2	19.2	20.6
20°	20.6	20.6	20.6	20.6	20.6
22.5°	17.8	17.8	20.6	21.9	21.9
25°	20.6	19.2	19.2	20.6	19.2
27.5°	17.8	19.2	20.6	20.6	20.6
30°	17.8	17.8	17.8	17.8	19.2
32.5°	17.8	17.8	17.8	17.8	17.8
35°	15.1	16.4	16.4	17.8	17.8
37.5°	13.7	13.7	15.1	15.1	15.1
40°	11.0	11.0	11.0	12.3	12.3
42.5°	8.2	8.2	8.2	9.6	8.2
45°	5.5	5.5	5.5	5.5	5.5
47.5°	2.7	2.7	4.1	4.1	4.1
50°	1.4	1.4	2.7	2.7	2.7
52.5°	1.4	1.4	1.4	2.7	2.7
55°	1.4	1.4	1.4	1.4	2.7
57.5°	0.0	1.4	1.4	1.4	1.4
60°	0.0	1.4	1.4	1.4	1.4
62.5°	0.0	1.4	1.4	1.4	1.4
65°	1.4	1.4	1.4	1.4	1.4
66°	1.4	1.4	1.4	1.4	1.4
67.5°	1.4	1.4	1.4	1.4	1.4
70°	1.4	1.4	1.4	1.4	2.7
72.5°	1.4	1.4	2.7	1.4	2.7
75°	2.7	2.7	2.7	2.7	2.7
77.5°	2.7	2.7	2.7	2.7	2.7
80°	2.7	4.1	4.1	2.7	2.7
82.5°	4.1	4.1	4.1	4.1	2.7
85°	4.1	4.1	5.5	5.5	2.7
87.5°	5.5	5.5	5.5	5.5	2.7
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)