

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: P179249

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P179249
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P34324)
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-HSS-7030
Description: TRADITIONAIRE LED DOWNLIGHT LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 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: 4450.1 lumens
Efficiency: N/A
Efficacy: 59.2 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 1' x H: 0.1')
IES Classification: Type II - 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



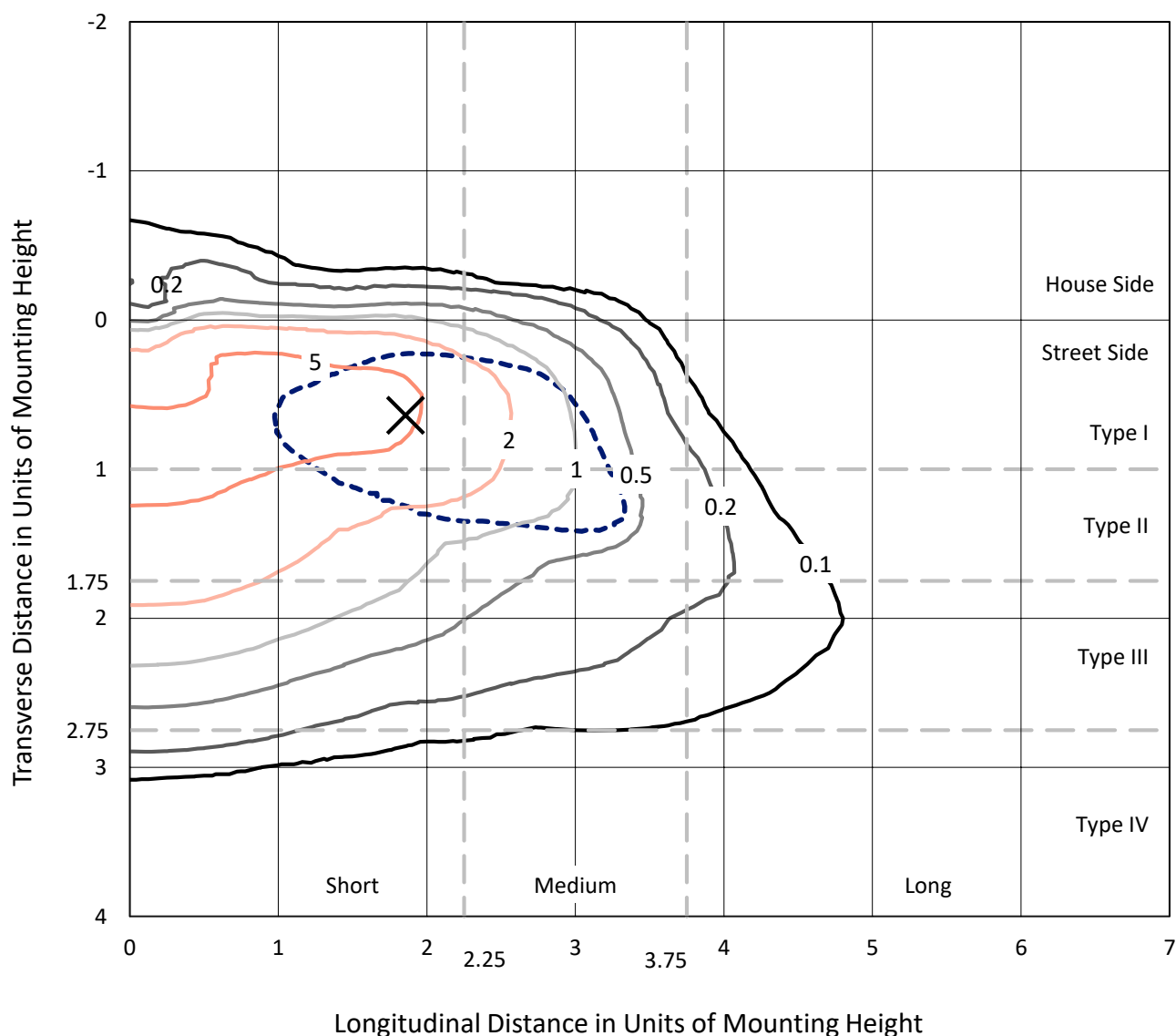
REPORT NUMBER: P179249

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

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

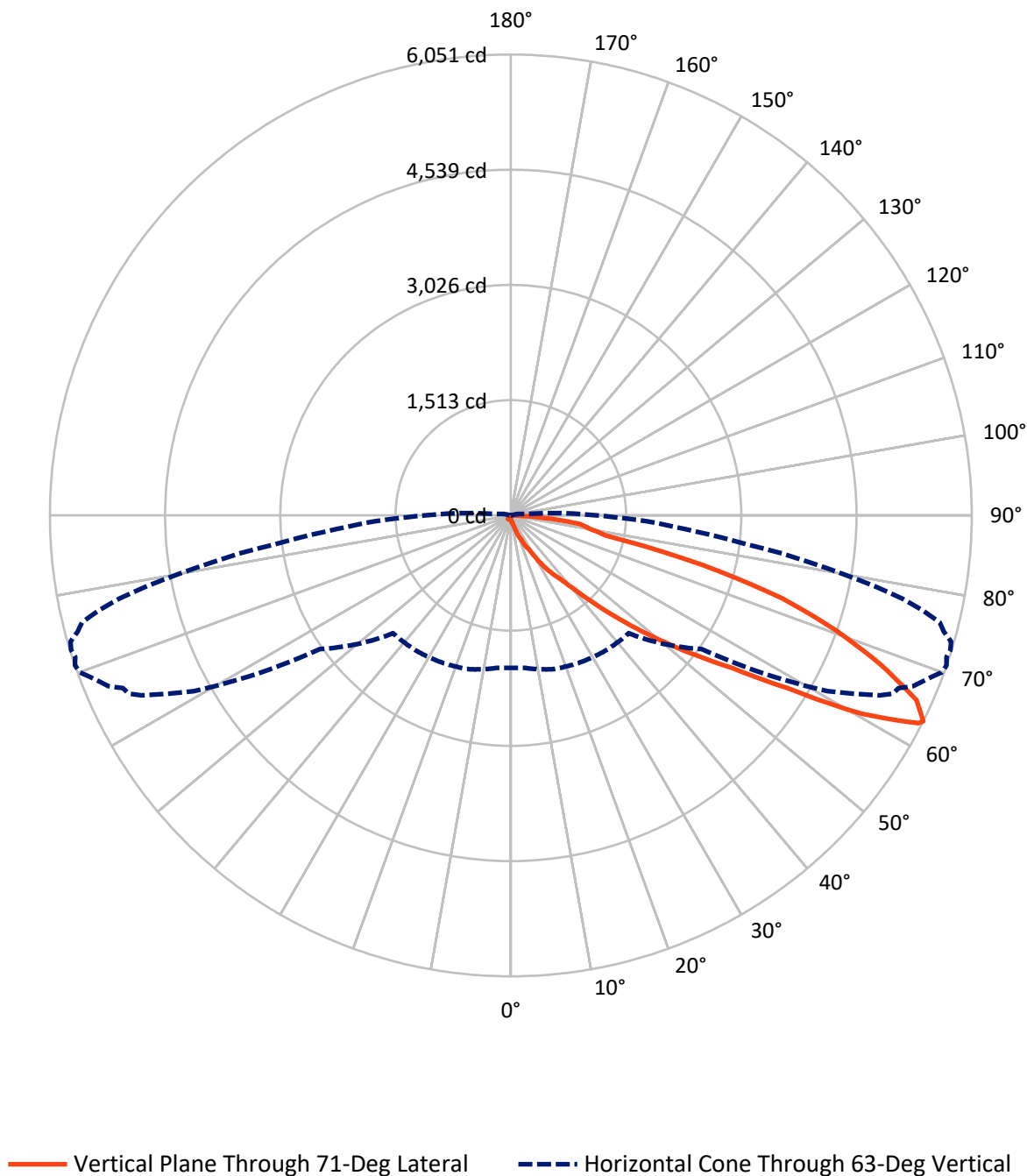


Based on 10 foot mounting height. Maximum calculated value = 8.7 fc
 Type II - Short - Non-Cutoff

REPORT NUMBER: P179249

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

Luminous Intensity Polar Plot



REPORT NUMBER: P179249

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

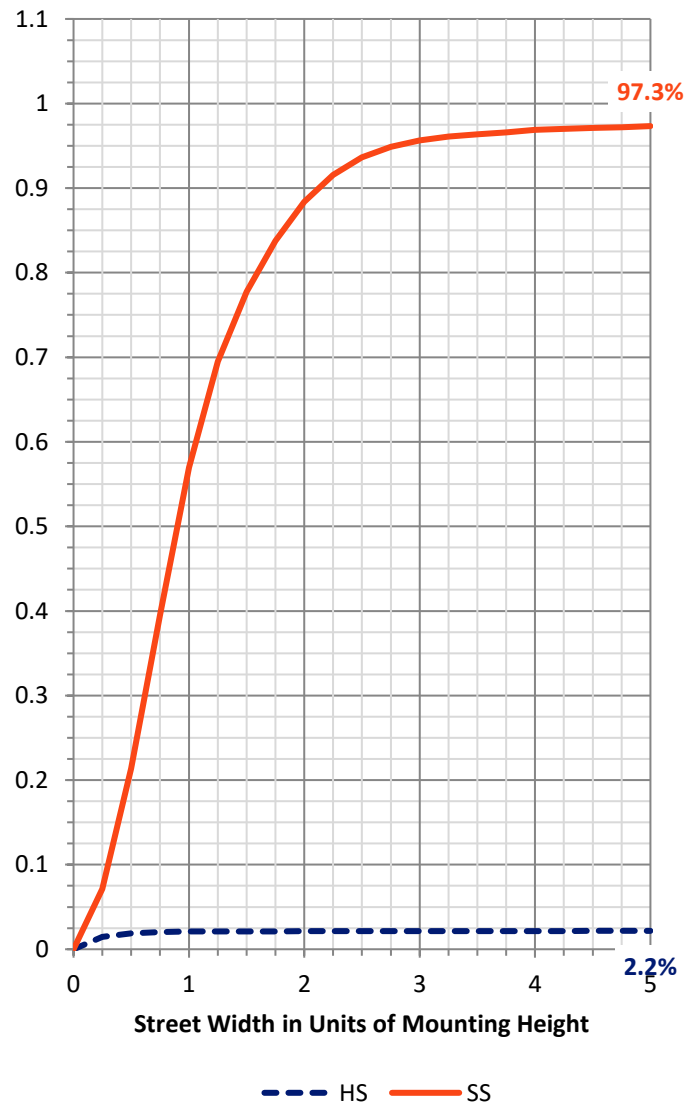
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	98.7	0.0	98.7
	% Fixture	2.2	0.0	2.2
Street Side	Lumens	4351.4	0.0	4351.4
	% Fixture	97.8	0.0	97.8
Total	Lumens	4450.1	0.0	4450.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.3	0.1
10°-20°	35.3	0.8
20°-30°	108.0	2.4
30°-40°	332.8	7.5
40°-50°	790.8	17.8
50°-60°	1142.5	25.7
60°-70°	1413.8	31.8
70°-80°	536.8	12.1
80°-90°	83.7	1.9
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°	4450.1	100.0
0°-180°	4450.1	100.0

Coefficient of Utilization



REPORT NUMBER: P179249

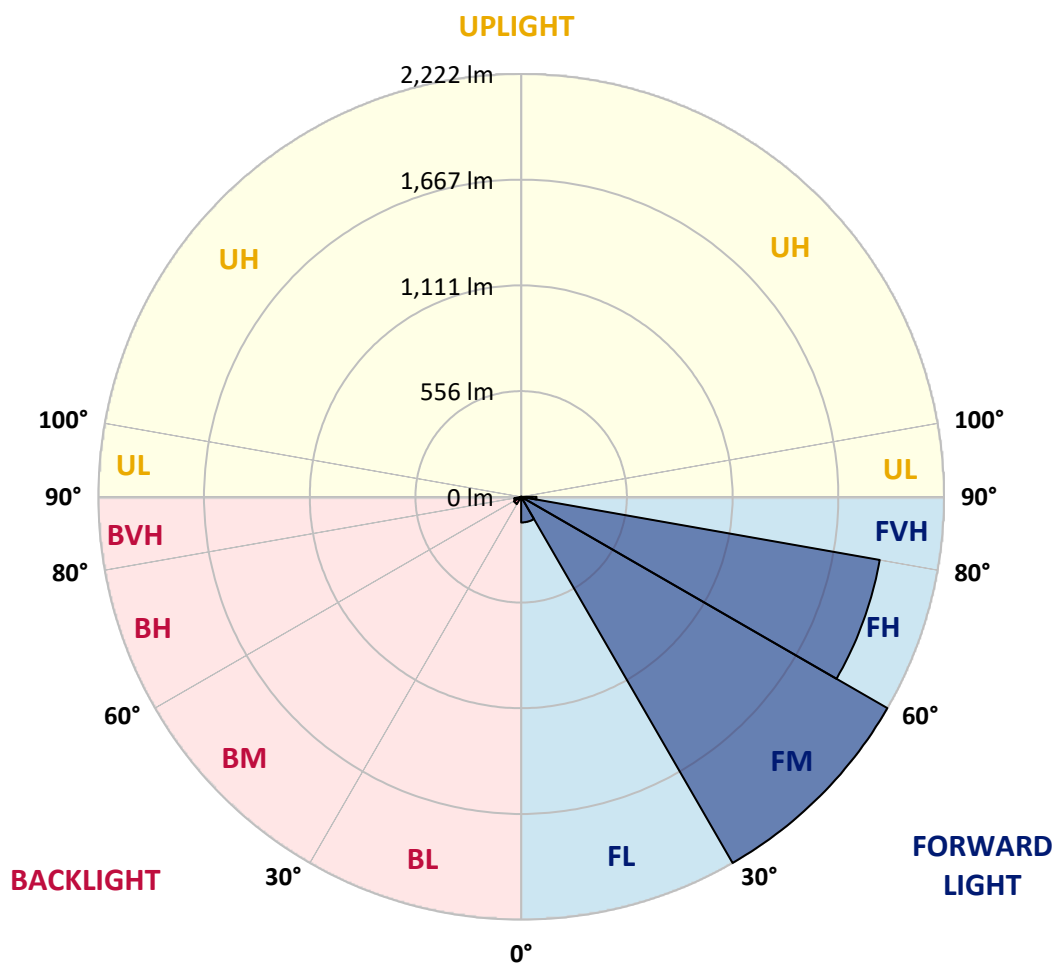
CATALOG NUMBER: UTLD-E03-LED-E-U-SL2-HSS-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	134.9	3.0			
FM	(30°-60°)	2222.3	49.9			
FH	(60°-80°)	1913.5	43.0			G2/5000
FVH	(80°-90°)	80.8	1.8			G1/100
BL	(0°-30°)	14.7	0.3	B0/110		
BM	(30°-60°)	43.9	1.0	B0/220		
BH	(60°-80°)	37.1	0.8	B0/110		G0/110
BVH	(80°-90°)	3.0	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 II Short





REPORT NUMBER: P179249

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

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
2.5°	84.9	83.6	80.8	80.8	79.5	79.5	78.1	76.7	76.7	76.7	75.4
5°	100.0	98.6	94.5	90.4	90.4	87.7	82.2	80.8	79.5	78.1	78.1
7.5°	163.0	161.7	158.9	154.8	148.0	101.4	90.4	89.1	87.7	86.3	84.9
10°	182.2	182.2	180.8	175.4	168.5	157.6	143.9	104.1	101.4	102.8	106.9
12.5°	245.2	238.4	242.5	235.6	198.7	186.3	190.4	176.7	174.0	172.6	134.3
15°	261.7	254.8	242.5	243.9	249.3	264.4	215.1	202.8	195.9	191.8	191.8
17.5°	287.7	287.7	289.1	289.1	278.1	283.6	279.5	248.0	246.6	241.1	239.8
20°	353.5	350.7	312.4	294.6	324.7	331.5	332.9	286.3	276.7	275.4	283.6
22.5°	374.0	371.3	364.4	371.3	332.9	374.0	430.2	428.8	417.9	412.4	378.1
25°	476.8	472.7	448.0	383.6	409.6	411.0	465.8	469.9	467.2	476.8	505.5
27.5°	550.8	556.2	500.1	459.0	431.6	490.5	593.2	605.6	605.6	591.9	593.2
30°	701.5	698.7	637.1	532.9	520.6	527.5	653.5	696.0	731.6	709.7	734.3
32.5°	1008.3	994.6	900.1	709.7	623.4	652.1	783.7	834.3	826.1	813.8	835.7
35°	1452.2	1442.6	1248.1	1065.9	896.0	828.9	926.1	1011.1	993.3	1033.0	1048.1
37.5°	1764.6	1739.9	1656.4	1472.8	1307.0	1196.0	1237.1	1204.3	1200.1	1227.5	1224.8
40°	1994.8	1996.1	1967.4	1818.0	1697.5	1635.8	1641.3	1519.4	1511.1	1520.7	1501.5
42.5°	2107.1	2116.7	2140.0	2066.0	2016.7	2023.5	2078.3	1975.6	1971.5	1946.8	1872.8
45°	2175.6	2187.9	2259.2	2283.8	2268.8	2337.3	2486.6	2403.0	2409.9	2431.8	2326.3
47.5°	2183.8	2201.6	2294.8	2368.8	2429.1	2567.4	2796.2	2815.4	2836.0	2853.8	2775.7
50°	2103.0	2109.8	2227.7	2334.5	2423.6	2683.9	3031.9	3151.1	3188.0	3188.0	3122.3
52.5°	1956.4	1966.0	2078.3	2194.8	2279.7	2678.4	3183.9	3400.4	3482.6	3485.3	3390.8
55°	1893.4	1904.3	1989.3	2092.0	2134.5	2545.5	3277.1	3626.5	3712.8	3727.8	3671.7
57.5°	1893.4	1905.7	1974.2	2034.5	2056.4	2390.7	3333.3	3890.9	3988.1	4081.3	4078.6
60°	1978.3	1992.0	2046.8	2042.7	2022.2	2281.1	3308.6	4214.2	4371.8	4527.9	4707.4
62.5°	2027.6	2034.5	2109.8	2131.8	2127.6	2200.3	3115.4	4455.3	4699.2	4926.6	5315.7
63°	2000.2	2008.5	2092.0	2131.8	2167.4	2187.9	3062.0	4481.4	4756.7	4958.1	5389.7
65°	1852.3	1853.6	1942.7	1992.0	2233.1	2186.6	2775.7	4430.7	4767.7	4967.7	5448.6
67.5°	1467.3	1475.5	1537.2	1620.7	1844.1	2219.4	2385.2	3849.8	4190.9	4351.2	4886.9
70°	772.7	806.9	857.6	968.6	1274.1	1885.2	1996.1	2836.0	3166.1	3404.5	4019.7
72.5°	234.3	217.8	283.6	415.1	648.0	1304.3	1750.9	2003.0	2193.4	2430.4	3085.3
75°	105.5	108.2	123.3	176.7	283.6	700.1	1530.3	1645.4	1671.4	1752.3	2149.6
77.5°	60.3	61.7	72.6	100.0	148.0	349.4	1159.0	1475.5	1455.0	1483.7	1556.3
80°	39.7	41.1	52.1	71.2	82.2	171.3	657.6	1150.8	1218.0	1291.9	1345.4
82.5°	21.9	21.9	32.9	57.5	53.4	82.2	258.9	753.5	874.1	950.8	1111.1
85°	9.6	11.0	19.2	38.4	32.9	38.4	124.7	256.2	293.2	308.3	383.6
87.5°	2.7	2.7	5.5	13.7	13.7	17.8	37.0	115.1	121.9	131.5	160.3
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: P179249

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

CANDELA DISTRIBUTION (continued):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
2.5°	75.4	75.4	72.6	71.2	67.1	67.1	64.4	65.8	61.7	60.3	57.5
5°	76.7	76.7	76.7	76.7	75.4	75.4	75.4	75.4	75.4	75.4	74.0
7.5°	83.6	83.6	83.6	83.6	82.2	80.8	78.1	78.1	76.7	76.7	76.7
10°	106.9	105.5	102.8	101.4	100.0	98.6	95.9	97.3	94.5	95.9	93.2
12.5°	127.4	124.7	120.6	116.5	115.1	113.7	111.0	109.6	108.2	111.0	109.6
15°	198.7	197.3	198.7	191.8	156.2	154.8	156.2	153.4	150.7	146.6	141.1
17.5°	237.0	232.9	219.2	213.7	215.1	211.0	200.0	178.1	165.8	160.3	157.6
20°	304.1	305.5	308.3	308.3	302.8	295.9	289.1	287.7	279.5	250.7	239.8
22.5°	364.4	364.4	357.6	350.7	342.5	343.9	334.3	312.4	305.5	297.3	293.2
25°	523.3	515.1	495.9	489.1	482.2	464.4	441.1	428.8	424.7	419.2	401.4
27.5°	591.9	580.9	576.8	568.6	543.9	515.1	505.5	498.7	505.5	472.7	449.4
30°	716.5	715.2	711.0	693.2	663.1	639.8	641.2	634.3	589.1	554.9	532.9
32.5°	843.9	834.3	867.2	834.3	806.9	816.5	804.2	761.7	730.2	694.6	690.5
35°	1044.0	1044.0	1016.6	980.9	985.0	991.9	933.0	889.1	868.6	853.5	823.4
37.5°	1227.5	1219.3	1168.6	1149.5	1171.4	1133.0	1067.2	1038.5	1031.6	1005.6	957.6
40°	1476.9	1427.6	1389.2	1385.1	1382.4	1293.3	1256.3	1259.1	1223.4	1171.4	1116.6
42.5°	1819.4	1739.9	1711.2	1713.9	1615.3	1544.0	1530.3	1496.1	1449.5	1390.6	1341.3
45°	2214.0	2137.2	2138.6	2052.3	1927.6	1866.0	1852.3	1798.8	1741.3	1672.8	1601.6
47.5°	2642.8	2588.0	2615.4	2442.8	2333.2	2297.5	2209.9	2126.3	2059.1	1975.6	1886.5
50°	3029.1	3057.9	2997.6	2846.9	2767.5	2719.5	2616.7	2512.6	2426.3	2298.9	2178.3
52.5°	3390.8	3445.6	3351.1	3212.7	3223.7	3131.9	3052.4	2946.9	2831.8	2681.1	2553.7
55°	3752.5	3764.8	3686.7	3641.5	3638.8	3579.9	3544.3	3468.9	3314.1	3162.0	3104.5
57.5°	4208.7	4193.6	4138.8	4210.1	4215.6	4234.7	4273.1	4195.0	4148.4	4037.5	3948.4
60°	4867.7	4855.4	4880.0	5089.6	5132.1	5259.5	5286.9	5289.7	5249.9	5285.6	5069.1
62.5°	5450.0	5499.3	5659.6	5756.8	5856.9	5980.2	6007.6	5956.9	5982.9	5985.6	5817.1
63°	5534.9	5573.3	5739.0	5822.6	5918.5	6021.3	6051.4	6013.0	6036.3	6013.0	5885.6
65°	5571.9	5589.7	5784.2	5762.3	5884.3	5929.5	5852.7	5837.7	5924.0	5800.7	5777.4
67.5°	5025.3	5133.5	5263.6	5263.6	5358.2	5348.6	5245.8	5267.7	5269.1	5221.2	5208.8
70°	4201.9	4421.1	4448.5	4547.1	4612.9	4555.3	4533.4	4548.5	4433.4	4459.4	4344.4
72.5°	3342.9	3578.5	3622.3	3805.9	3825.1	3695.0	3726.5	3636.0	3510.0	3431.9	3273.0
75°	2433.2	2582.5	2712.7	2764.7	2766.1	2642.8	2589.3	2381.1	2196.2	1974.2	1915.3
77.5°	1698.8	1682.4	1731.7	1702.9	1509.8	1448.1	1274.1	1172.7	1078.2	913.8	823.4
80°	1372.8	1357.7	1381.0	1319.3	1235.8	1165.9	1041.2	948.1	842.6	771.3	661.7
82.5°	1171.4	1233.0	1248.1	1160.4	1117.9	1059.0	915.2	813.8	711.0	619.3	532.9
85°	446.6	532.9	526.1	548.0	549.4	519.2	457.6	363.1	287.7	232.9	189.1
87.5°	172.6	193.2	180.8	179.5	180.8	165.8	141.1	124.7	105.5	84.9	71.2
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: P179249

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

CANDELA DISTRIBUTION (continued):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
2.5°	56.2	53.4	53.4	50.7	50.7	49.3	49.3	48.0	48.0	46.6	46.6
5°	74.0	74.0	72.6	69.9	63.0	60.3	54.8	50.7	49.3	48.0	46.6
7.5°	76.7	76.7	75.4	75.4	74.0	72.6	71.2	67.1	60.3	54.8	50.7
10°	93.2	90.4	91.8	94.5	93.2	93.2	91.8	90.4	87.7	84.9	68.5
12.5°	108.2	106.9	104.1	98.6	95.9	94.5	94.5	93.2	91.8	90.4	87.7
15°	137.0	132.9	131.5	127.4	124.7	120.6	121.9	120.6	117.8	112.3	100.0
17.5°	152.1	149.3	145.2	146.6	143.9	135.6	121.9	117.8	113.7	109.6	105.5
20°	235.6	231.5	223.3	209.6	193.2	185.0	178.1	171.3	172.6	171.3	160.3
22.5°	275.4	250.7	235.6	224.7	220.6	220.6	215.1	217.8	200.0	194.5	171.3
25°	369.9	352.1	332.9	322.0	316.5	304.1	280.9	264.4	246.6	241.1	223.3
27.5°	442.5	426.1	426.1	408.3	378.1	354.8	331.5	317.8	295.9	280.9	261.7
30°	532.9	512.4	486.4	453.5	424.7	402.8	386.3	353.5	332.9	312.4	274.0
32.5°	665.8	627.5	594.6	564.5	538.4	494.6	468.5	441.1	398.7	354.8	335.7
35°	789.1	741.2	704.2	672.7	619.3	589.1	549.4	487.7	442.5	420.6	376.8
37.5°	909.7	864.5	828.9	767.2	719.3	668.6	602.8	557.6	517.9	463.1	402.8
40°	1067.2	1016.6	943.9	890.5	827.5	742.6	693.2	638.4	571.3	504.2	453.5
42.5°	1274.1	1193.3	1134.4	1067.2	952.2	897.4	830.2	733.0	648.0	587.7	504.2
45°	1523.5	1439.9	1376.9	1245.4	1161.8	1078.2	976.8	863.1	778.2	683.6	612.4
47.5°	1787.9	1730.3	1596.1	1464.6	1382.4	1257.7	1141.2	1023.4	905.6	822.0	693.2
50°	2118.1	1972.8	1824.9	1730.3	1597.4	1457.7	1320.7	1171.4	1068.6	939.8	815.2
52.5°	2448.2	2248.2	2141.3	2001.6	1820.8	1660.5	1501.5	1356.3	1211.1	1072.7	924.8
55°	2893.5	2693.5	2533.2	2331.8	2126.3	1942.7	1778.3	1598.8	1439.9	1261.8	1100.1
57.5°	3707.3	3486.7	3256.6	2955.1	2704.4	2482.5	2260.5	2048.2	1811.2	1619.4	1423.5
60°	4923.9	4692.3	4375.9	4023.8	3636.0	3290.8	2974.3	2656.5	2363.3	2127.6	1824.9
62.5°	5724.0	5485.6	5192.4	4774.5	4364.9	3907.3	3512.7	3071.6	2744.2	2405.8	2126.3
63°	5803.4	5550.0	5255.4	4859.5	4426.6	3997.7	3597.7	3116.8	2781.2	2441.4	2152.3
65°	5681.5	5523.9	5249.9	4918.4	4582.7	4164.9	3727.8	3255.2	2875.7	2530.4	2192.0
67.5°	5077.3	5004.7	4826.6	4645.8	4345.7	4055.3	3655.2	3238.7	2836.0	2508.5	2196.2
70°	4300.5	4200.5	4060.8	3988.1	3781.3	3534.7	3259.3	2933.2	2642.8	2320.8	2037.2
72.5°	3214.1	3016.8	2904.5	2782.5	2651.0	2478.4	2318.1	2134.5	1898.9	1727.6	1442.6
75°	1682.4	1463.2	1313.9	1138.5	997.4	853.5	776.8	724.7	645.3	557.6	493.2
77.5°	682.3	569.9	460.3	391.8	294.6	235.6	201.4	178.1	164.4	146.6	135.6
80°	572.7	457.6	368.5	279.5	205.5	149.3	111.0	86.3	74.0	64.4	58.9
82.5°	463.1	397.3	330.2	260.3	200.0	161.7	119.2	84.9	61.7	49.3	42.5
85°	148.0	130.2	101.4	84.9	69.9	58.9	49.3	39.7	35.6	32.9	30.1
87.5°	61.7	48.0	43.8	39.7	38.4	37.0	37.0	34.3	31.5	27.4	24.7
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: P179249

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

CANDELA DISTRIBUTION (continued):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
2.5°	45.2	45.2	43.8	45.2	42.5	39.7	38.4	37.0	35.6	35.6	35.6
5°	46.6	45.2	43.8	42.5	38.4	35.6	32.9	30.1	34.3	30.1	20.6
7.5°	48.0	46.6	43.8	42.5	38.4	34.3	31.5	19.2	12.3	12.3	13.7
10°	64.4	60.3	58.9	54.8	50.7	37.0	23.3	12.3	11.0	16.4	19.2
12.5°	69.9	65.8	61.7	57.5	48.0	39.7	19.2	16.4	20.6	16.4	17.8
15°	94.5	80.8	76.7	72.6	64.4	46.6	21.9	21.9	20.6	17.8	20.6
17.5°	104.1	89.1	84.9	82.2	63.0	30.1	24.7	26.0	20.6	23.3	19.2
20°	150.7	134.3	121.9	116.5	84.9	43.8	34.3	24.7	26.0	20.6	23.3
22.5°	172.6	160.3	148.0	145.2	95.9	48.0	39.7	34.3	24.7	24.7	21.9
25°	213.7	197.3	176.7	158.9	101.4	60.3	48.0	34.3	28.8	23.3	21.9
27.5°	242.5	215.1	197.3	186.3	109.6	63.0	46.6	38.4	28.8	21.9	19.2
30°	253.5	238.4	213.7	186.3	111.0	65.8	49.3	37.0	28.8	21.9	20.6
32.5°	309.6	275.4	239.8	219.2	119.2	69.9	48.0	37.0	27.4	20.6	19.2
35°	331.5	298.7	260.3	231.5	124.7	67.1	46.6	32.9	24.7	19.2	15.1
37.5°	367.2	319.2	282.2	246.6	126.0	63.0	42.5	31.5	21.9	16.4	13.7
40°	393.2	353.5	298.7	258.9	126.0	58.9	39.7	27.4	19.2	13.7	11.0
42.5°	454.8	385.0	330.2	283.6	128.8	53.4	35.6	23.3	16.4	9.6	8.2
45°	520.6	453.5	380.9	324.7	131.5	49.3	31.5	20.6	12.3	6.9	4.1
47.5°	613.8	526.1	443.9	372.6	132.9	45.2	28.8	17.8	9.6	4.1	2.7
50°	702.8	608.3	508.3	435.7	135.6	41.1	24.7	15.1	6.9	2.7	1.4
52.5°	806.9	690.5	589.1	486.4	137.0	38.4	21.9	12.3	4.1	1.4	0.0
55°	954.9	831.6	689.1	580.9	139.7	34.3	17.8	9.6	2.7	1.4	0.0
57.5°	1249.5	1082.3	907.0	750.8	153.4	30.1	15.1	6.9	1.4	1.4	0.0
60°	1608.4	1422.1	1190.6	964.5	180.8	26.0	12.3	4.1	1.4	0.0	0.0
62.5°	1868.7	1629.0	1353.6	1109.7	200.0	21.9	11.0	2.7	1.4	1.4	0.0
63°	1911.2	1652.3	1365.9	1119.3	201.4	21.9	9.6	2.7	1.4	0.0	0.0
65°	1942.7	1674.2	1382.4	1134.4	205.5	19.2	8.2	2.7	1.4	1.4	0.0
67.5°	1916.7	1626.2	1342.6	1105.6	208.2	16.4	6.9	2.7	1.4	1.4	1.4
70°	1738.6	1479.6	1231.7	1009.7	193.2	13.7	5.5	2.7	1.4	1.4	1.4
72.5°	1249.5	1113.8	886.4	728.9	148.0	12.3	5.5	4.1	1.4	2.7	2.7
75°	420.6	376.8	313.7	278.1	86.3	8.2	4.1	4.1	1.4	2.7	2.7
77.5°	120.6	112.3	97.3	89.1	43.8	6.9	4.1	4.1	1.4	4.1	4.1
80°	52.1	48.0	42.5	37.0	19.2	5.5	4.1	5.5	1.4	5.5	4.1
82.5°	38.4	34.3	30.1	24.7	11.0	5.5	5.5	6.9	1.4	5.5	5.5
85°	27.4	24.7	20.6	17.8	8.2	5.5	5.5	6.9	2.7	6.9	6.9
87.5°	21.9	19.2	16.4	12.3	8.2	5.5	5.5	8.2	2.7	8.2	6.9
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: P179249

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

CANDELA DISTRIBUTION (continued):

	165°	175°	180°
0°	45.2	45.2	45.2
2.5°	35.6	37.0	37.0
5°	17.8	19.2	19.2
7.5°	15.1	16.4	16.4
10°	20.6	20.6	20.6
12.5°	19.2	20.6	20.6
15°	21.9	23.3	23.3
17.5°	19.2	24.7	26.0
20°	21.9	21.9	21.9
22.5°	21.9	23.3	23.3
25°	20.6	20.6	20.6
27.5°	20.6	20.6	20.6
30°	17.8	20.6	20.6
32.5°	17.8	17.8	17.8
35°	16.4	16.4	16.4
37.5°	13.7	15.1	15.1
40°	11.0	11.0	11.0
42.5°	6.9	6.9	6.9
45°	4.1	4.1	4.1
47.5°	2.7	2.7	2.7
50°	1.4	1.4	1.4
52.5°	1.4	1.4	1.4
55°	0.0	1.4	1.4
57.5°	0.0	0.0	1.4
60°	0.0	0.0	1.4
62.5°	0.0	0.0	1.4
63°	0.0	0.0	1.4
65°	1.4	0.0	1.4
67.5°	1.4	1.4	1.4
70°	1.4	1.4	1.4
72.5°	2.7	1.4	2.7
75°	2.7	2.7	2.7
77.5°	4.1	2.7	2.7
80°	4.1	4.1	2.7
82.5°	5.5	4.1	1.4
85°	5.5	5.5	2.7
87.5°	6.9	6.9	2.7
90°	0.0	0.0	0.0

(END OF REPORT)