

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: P157124

Luminaire Tested: **UTLD-F01-LED-E-U-T2-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P157124
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33661)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: UTLD-F01-LED-E-U-T2-7030
Description: TRADITIONAIRE LED DOWNLIGHT LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 AREA
Light Source: (7) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2019 lumens
Efficiency: N/A
Efficacy: 78.0 lumens/watt
Luminous Opening: Rectangular (W 0.17' x L: 1' x H: 0')
IES Classification: Type II - Short - Semi-Cutoff
BUG Rating: B1 - U0 - G1

Input Watts (W): 25.9
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



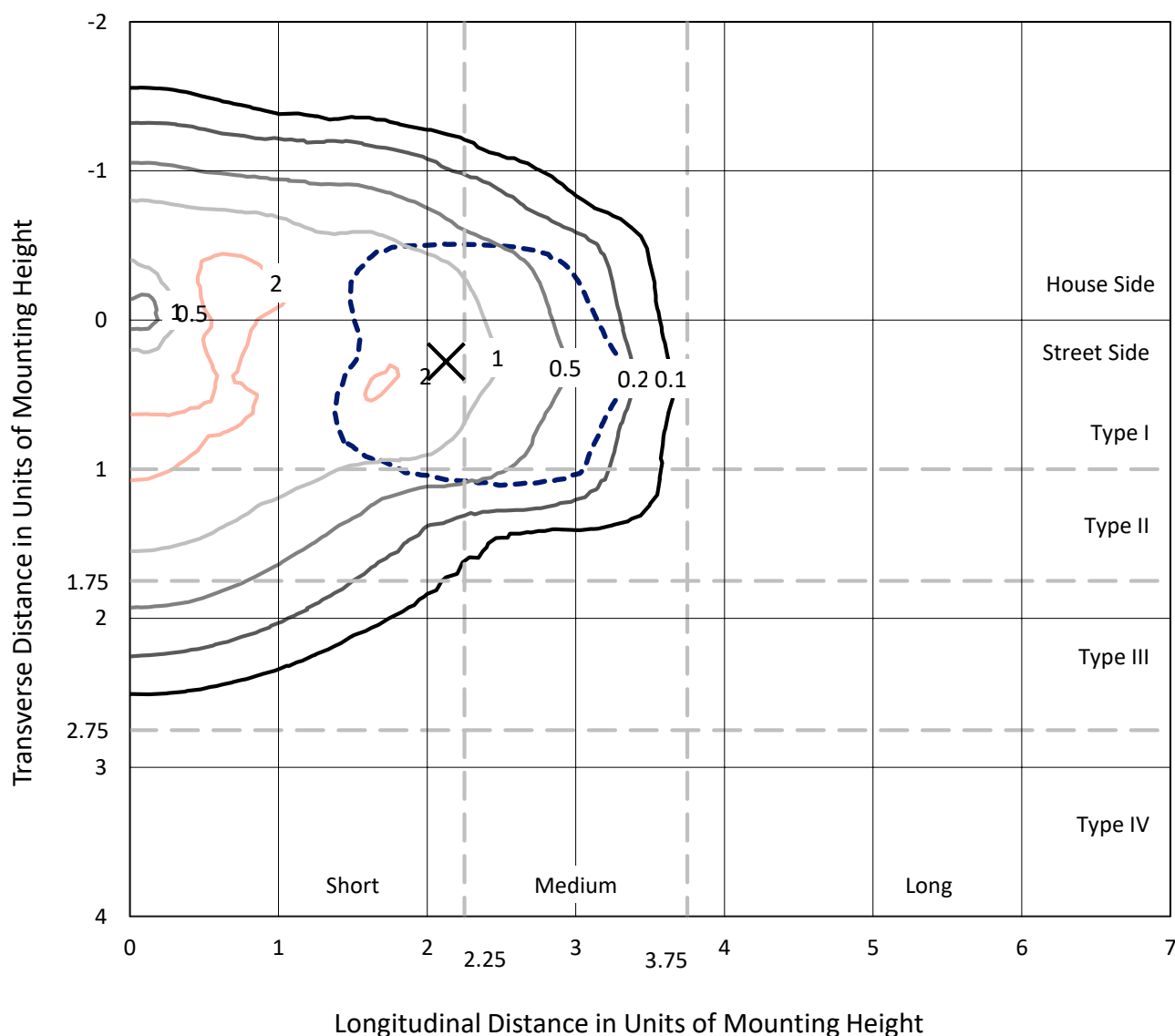
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

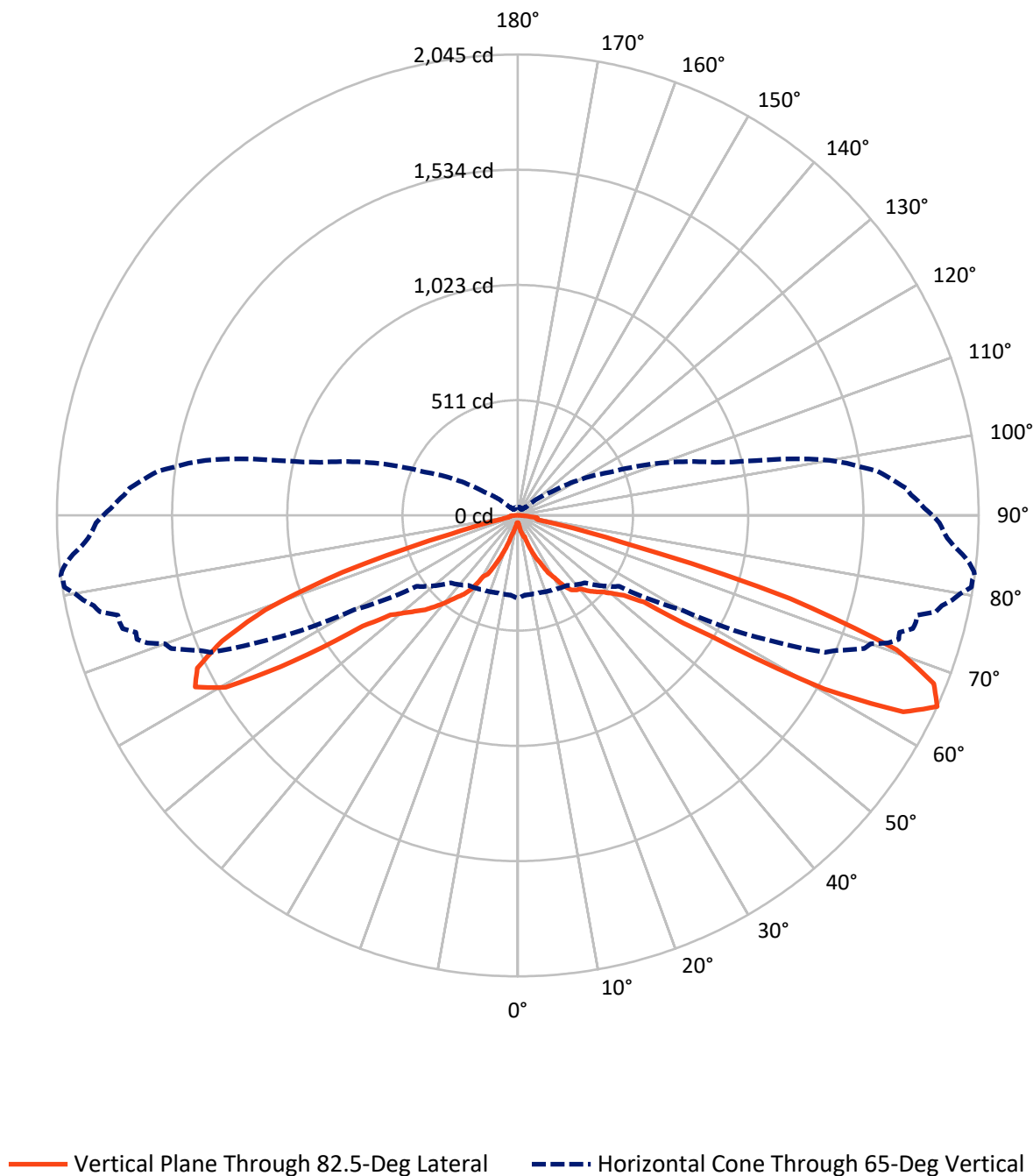


Based on 10 foot mounting height. Maximum calculated value = 2.4 fc
 Type II - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



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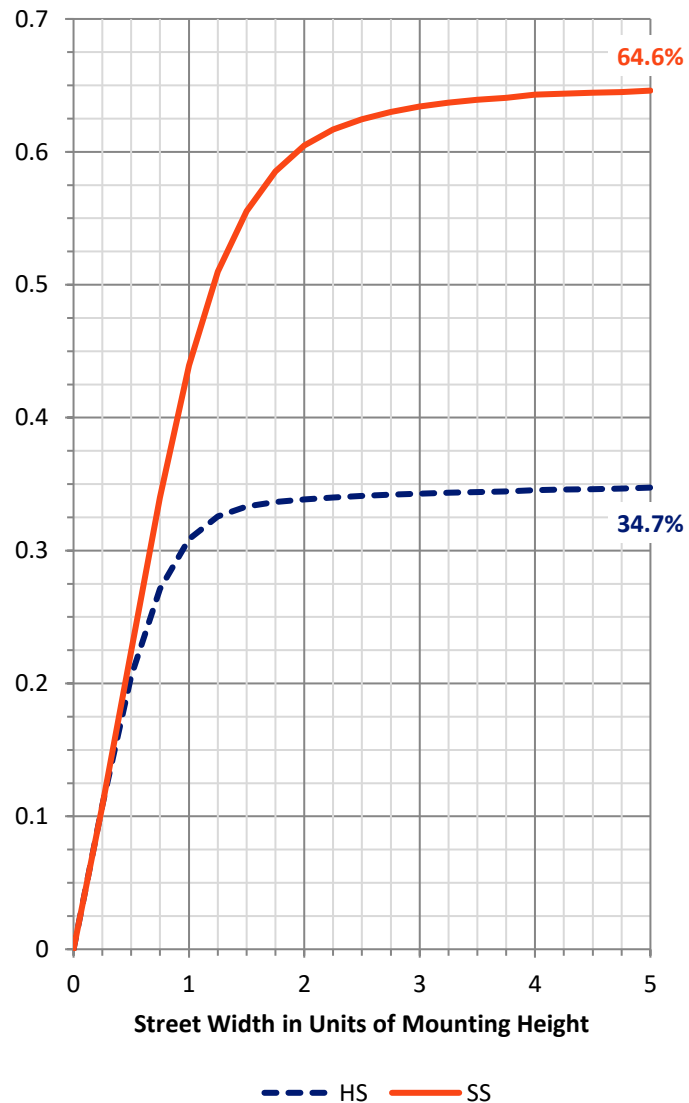
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	711.5	0.0	711.5
	% Fixture	35.2	0.0	35.2
Street Side	Lumens	1307.5	0.0	1307.5
	% Fixture	64.8	0.0	64.8
Total	Lumens	2019.0	0.0	2019.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.6	0.2
10°-20°	29.8	1.5
20°-30°	99.8	4.9
30°-40°	220.2	10.9
40°-50°	348.0	17.2
50°-60°	493.7	24.5
60°-70°	587.4	29.1
70°-80°	198.6	9.8
80°-90°	36.8	1.8
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°	2019.0	100.0
0°-180°	2019.0	100.0

Coefficient of Utilization



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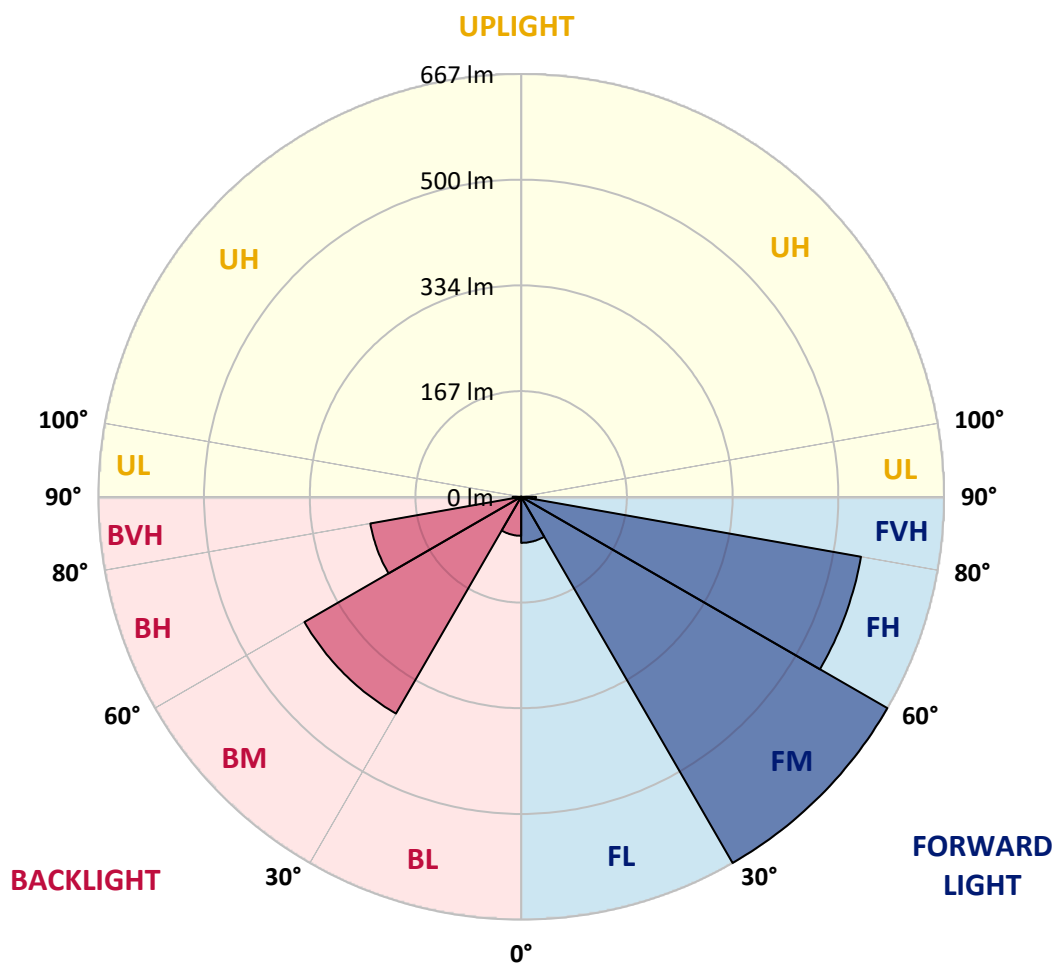
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	72.6	3.6			
FM	(30°-60°)	667.1	33.0			
FH	(60°-80°)	544.4	27.0			G0/660
FVH	(80°-90°)	23.4	1.2			G1/100
BL	(0°-30°)	61.5	3.0	B0/110		
BM	(30°-60°)	394.9	19.6	B1/1000		
BH	(60°-80°)	241.7	12.0	B1/500		G1/500
BVH	(80°-90°)	13.5	0.7			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
2.5°	46.0	46.0	46.0	48.3	53.9	53.9	53.5	53.9	53.2	52.4	51.3
5°	47.9	49.0	48.3	47.9	47.1	46.7	46.4	46.0	46.0	46.7	48.6
7.5°	73.1	73.5	73.1	73.9	71.6	51.6	48.3	47.9	49.0	49.4	48.6
10°	87.1	81.4	79.5	78.0	76.2	72.8	72.4	70.5	69.7	69.4	67.5
12.5°	111.2	111.2	110.5	105.6	100.7	98.0	100.3	95.0	94.2	92.0	85.2
15°	146.7	146.3	121.4	115.7	130.1	123.7	104.4	110.5	116.5	115.7	116.1
17.5°	156.8	156.8	154.9	148.9	140.2	131.6	141.4	123.7	123.3	123.7	125.5
20°	194.5	194.5	187.0	173.8	165.9	157.2	151.6	165.5	161.0	157.6	154.9
22.5°	196.0	196.0	190.8	200.9	187.0	178.7	193.8	196.8	200.6	200.9	196.8
25°	226.6	227.0	221.7	206.6	208.9	204.7	213.0	233.4	233.4	230.0	239.8
27.5°	258.6	259.0	226.2	232.6	225.1	240.1	262.4	272.6	265.0	267.7	268.4
30°	273.7	274.1	272.2	269.9	260.9	266.9	278.2	287.6	292.5	310.6	305.0
32.5°	337.8	338.2	326.1	298.2	303.5	314.8	319.7	322.0	327.6	330.6	330.6
35°	413.9	412.8	390.9	366.4	350.6	348.3	354.4	373.6	383.4	374.0	378.1
37.5°	475.0	469.7	445.2	429.4	412.4	407.9	412.8	410.2	410.9	398.9	398.9
40°	517.2	517.6	504.0	490.5	464.8	472.8	459.2	455.4	445.2	443.0	433.2
42.5°	561.7	563.6	546.3	529.3	505.2	526.7	514.6	508.9	486.3	492.7	480.3
45°	608.1	609.6	589.6	566.2	545.1	577.9	575.3	565.9	554.2	555.3	542.1
47.5°	642.4	645.4	622.8	595.3	581.0	619.8	633.0	632.2	630.7	620.2	614.9
50°	662.4	664.3	639.4	619.0	601.3	651.1	692.5	699.3	711.4	690.7	704.6
52.5°	668.8	669.9	645.0	622.8	605.8	668.4	737.8	775.1	783.8	780.0	801.9
55°	651.1	652.6	634.1	614.1	599.0	671.1	774.0	846.7	852.0	862.9	906.7
57.5°	622.0	621.3	617.5	596.4	594.9	668.8	804.1	938.0	941.0	994.1	1072.6
60°	584.7	586.2	584.3	573.4	580.2	644.7	797.7	989.2	1024.3	1106.1	1230.1
62.5°	526.3	528.9	521.0	505.9	511.2	561.3	722.3	965.5	1047.3	1153.6	1304.4
65°	367.9	354.8	355.5	364.6	380.0	423.0	548.9	836.2	965.1	1089.1	1287.8
67.5°	211.9	215.6	215.3	224.3	243.2	277.1	351.0	559.8	676.3	820.3	1069.9
70°	162.9	162.9	168.1	180.2	191.9	231.1	252.2	303.1	356.6	453.5	685.0
72.5°	122.5	122.1	127.0	138.4	161.7	211.5	295.2	209.6	216.8	235.6	370.6
75°	71.3	69.4	71.3	79.2	98.8	158.0	298.6	233.4	222.8	209.2	233.0
77.5°	36.9	36.9	38.8	40.7	50.5	81.1	215.3	285.0	276.0	253.0	237.5
80°	21.1	21.9	23.4	23.4	24.5	33.6	93.5	279.0	308.0	315.2	309.1
82.5°	10.6	12.1	16.6	16.6	16.2	17.0	35.1	163.6	222.8	276.3	372.5
85°	6.0	6.4	10.9	12.1	11.7	10.2	16.2	73.1	98.0	142.5	213.0
87.5°	2.3	3.4	5.3	6.0	6.8	5.3	9.4	20.7	27.9	38.5	47.1
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):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
2.5°	51.3	49.4	50.1	48.3	44.9	43.4	43.0	42.6	42.2	40.0	40.0
5°	50.1	50.5	51.6	52.0	52.0	52.4	53.2	52.8	53.2	52.4	52.0
7.5°	47.9	46.7	45.6	44.9	44.9	44.9	44.9	45.2	46.7	49.0	50.1
10°	67.1	67.1	67.5	66.7	67.9	67.5	67.5	67.1	67.1	67.5	67.5
12.5°	74.6	72.4	72.0	71.3	71.6	71.3	71.6	73.5	73.1	73.5	72.8
15°	118.4	118.0	117.6	115.7	109.7	104.4	103.3	102.5	98.4	96.9	96.1
17.5°	125.2	123.3	125.2	124.4	122.5	120.6	119.1	116.1	107.4	107.4	106.3
20°	157.6	162.1	163.6	171.9	170.8	173.8	173.8	172.7	173.0	171.9	167.4
22.5°	191.5	187.0	184.4	188.5	189.3	187.4	191.5	190.8	200.2	195.7	208.5
25°	240.9	250.7	256.7	251.1	248.4	249.6	253.0	248.8	251.1	249.6	250.3
27.5°	268.8	273.7	270.3	269.9	271.4	272.6	267.7	267.7	267.3	276.7	285.8
30°	312.9	308.8	308.8	311.0	314.4	314.4	310.3	309.1	313.3	309.5	314.0
32.5°	329.5	327.2	335.2	361.2	362.3	357.0	357.4	362.3	362.7	367.9	368.7
35°	373.6	380.0	384.5	385.7	381.1	380.8	385.7	388.3	393.6	394.0	398.5
37.5°	403.4	406.0	406.4	404.9	398.1	402.6	405.3	408.7	408.7	412.4	410.5
40°	436.6	437.7	437.3	425.3	423.4	428.6	430.2	429.0	428.6	429.4	427.9
42.5°	479.9	477.7	466.3	457.3	459.2	459.2	456.9	451.6	454.3	448.6	446.0
45°	536.5	530.8	512.7	504.8	505.2	498.0	489.3	488.2	481.0	474.3	480.7
47.5°	613.0	595.3	577.6	570.4	562.9	551.5	536.8	531.2	520.3	514.2	515.0
50°	704.6	678.2	666.5	668.0	653.0	631.8	619.8	602.4	582.5	580.6	572.3
52.5°	794.7	780.4	783.8	782.6	764.2	744.6	734.0	720.4	698.6	688.8	665.4
55°	887.8	895.0	915.0	914.2	905.2	902.5	897.3	885.6	889.0	864.1	835.0
57.5°	1065.8	1101.6	1149.5	1167.9	1166.1	1173.6	1192.1	1212.0	1227.5	1207.9	1210.9
60°	1278.8	1354.2	1425.4	1457.1	1510.6	1535.5	1577.0	1630.9	1667.5	1640.3	1687.1
62.5°	1387.3	1495.5	1549.8	1586.8	1657.7	1693.1	1747.4	1808.5	1823.5	1844.3	1896.3
65°	1398.7	1493.7	1532.9	1590.5	1647.1	1666.3	1738.3	1777.5	1771.9	1823.5	1829.2
67.5°	1229.0	1310.1	1372.3	1457.1	1500.1	1544.6	1604.1	1611.7	1635.4	1677.3	1647.9
70°	873.1	1004.3	1088.4	1186.4	1254.3	1325.9	1382.4	1387.3	1425.8	1439.0	1423.9
72.5°	472.4	600.6	701.6	822.2	901.8	983.6	1034.9	1064.6	1079.7	1059.7	1097.4
75°	266.2	318.6	383.8	446.4	509.3	540.6	564.4	575.7	550.8	543.3	542.5
77.5°	225.1	222.4	227.7	216.4	219.4	211.5	213.0	193.8	180.6	190.0	189.3
80°	276.3	251.5	222.4	183.2	156.8	133.5	120.3	116.5	121.4	134.2	143.3
82.5°	367.2	362.7	314.8	264.7	222.4	177.9	144.0	124.4	126.7	135.3	151.9
85°	252.2	263.1	233.4	218.7	179.8	150.8	124.4	99.9	91.6	87.5	83.3
87.5°	50.9	44.5	40.0	37.7	32.8	29.0	26.0	23.8	24.1	22.6	22.2
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°	82.5°	83°	84°	85°
0°	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
2.5°	37.7	35.8	36.2	35.1	34.3	33.9	35.1	35.1	34.7	34.3	32.8
5°	51.3	50.9	49.4	47.5	45.2	41.1	38.8	36.9	35.8	35.4	34.7
7.5°	50.9	50.5	50.1	50.1	50.1	49.8	49.8	48.6	47.5	44.1	36.6
10°	67.5	69.4	73.5	75.8	75.8	75.4	73.1	72.8	72.4	72.0	69.0
12.5°	72.8	70.9	70.9	71.3	73.9	76.5	78.0	77.3	77.3	77.3	76.2
15°	95.8	95.8	95.4	95.4	95.4	96.1	95.8	98.0	99.5	98.8	99.2
17.5°	106.3	107.8	107.1	107.1	104.8	100.7	108.6	99.2	98.8	111.2	121.8
20°	161.0	160.6	158.3	157.6	156.1	155.3	156.5	156.8	157.2	156.8	159.1
22.5°	207.3	200.9	196.0	194.9	199.8	201.7	199.4	199.8	198.3	198.7	195.3
25°	252.2	246.6	252.2	246.2	242.0	237.9	237.5	235.2	238.3	239.8	244.3
27.5°	292.2	295.2	294.8	298.2	292.9	288.4	288.8	286.9	290.3	294.1	289.9
30°	314.8	317.4	315.9	311.8	313.7	314.8	322.0	320.8	319.3	311.0	307.3
32.5°	371.7	370.6	367.6	370.2	378.9	383.4	372.1	369.5	369.8	374.7	371.7
35°	396.2	396.2	397.0	408.7	411.7	403.4	403.0	405.3	410.2	401.1	395.8
37.5°	408.7	411.3	421.5	424.5	415.5	415.5	422.2	420.4	416.2	415.1	420.0
40°	427.1	438.1	441.5	432.4	432.8	439.2	432.4	427.5	430.9	442.2	442.6
42.5°	456.2	460.7	451.3	449.8	458.8	450.9	450.9	457.7	461.8	461.1	465.2
45°	484.4	476.1	470.5	478.8	473.1	466.7	481.8	483.3	483.3	487.5	493.5
47.5°	511.2	497.6	503.3	499.9	487.5	504.8	508.2	507.8	510.1	517.2	515.4
50°	550.8	541.4	539.5	522.1	532.7	539.5	539.1	543.6	547.8	545.5	562.1
52.5°	631.8	628.5	596.8	586.2	591.5	585.5	591.5	588.5	588.1	602.1	603.2
55°	807.5	788.3	732.9	730.6	702.0	678.2	686.1	678.6	682.0	691.0	697.4
57.5°	1209.8	1152.9	1137.4	1129.5	1073.3	1009.2	1002.4	1011.5	1010.4	996.0	1019.8
60°	1687.8	1647.9	1690.5	1659.5	1615.8	1594.7	1563.8	1562.7	1549.5	1538.5	1513.6
62.5°	1862.7	1913.3	1953.2	1954.7	1964.5	1953.6	1938.1	1919.7	1922.3	1891.8	1882.0
65°	1828.8	1903.5	1924.2	1964.9	1995.4	2037.7	2038.4	2045.2	2039.2	2015.0	1981.1
67.5°	1715.7	1751.5	1774.5	1822.8	1883.5	1939.3	1984.9	1991.7	1995.8	1981.9	1931.7
70°	1489.9	1505.0	1537.4	1586.0	1659.5	1715.0	1777.2	1783.6	1796.8	1782.1	1747.0
72.5°	1103.1	1098.6	1115.5	1149.1	1183.8	1222.2	1261.8	1264.4	1293.5	1264.4	1224.1
75°	512.7	499.5	488.6	486.7	490.8	502.2	501.0	485.9	481.8	447.5	423.0
77.5°	175.7	171.2	162.1	148.2	132.3	113.1	99.2	92.4	86.0	76.5	73.1
80°	154.9	165.1	164.0	153.1	134.6	112.7	92.0	81.8	73.1	58.8	53.2
82.5°	178.7	201.3	218.3	206.6	177.6	144.4	104.8	87.5	71.6	48.6	39.6
85°	85.6	84.4	92.7	78.8	74.6	54.7	41.1	34.7	31.7	26.0	24.1
87.5°	22.6	23.0	23.8	23.8	23.0	21.5	21.1	20.4	20.0	18.5	17.3
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):

	86°	87°	88°	89°	90°	91°	92°	93°	94°	95°	96°
0°	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
2.5°	32.8	32.4	32.4	32.0	32.0	32.0	32.0	32.0	31.7	31.7	31.7
5°	35.1	35.1	34.7	33.6	32.8	32.8	32.4	32.4	32.0	32.0	32.0
7.5°	33.6	33.2	32.8	33.2	33.9	34.3	34.3	33.9	33.6	33.9	33.9
10°	58.4	54.3	53.2	52.8	52.0	52.0	51.6	50.9	49.8	49.4	49.4
12.5°	74.3	60.3	58.4	58.1	57.3	56.9	56.5	54.7	53.9	54.7	55.0
15°	98.8	93.5	82.2	82.6	82.9	82.6	82.6	81.8	80.7	79.5	79.5
17.5°	114.2	118.4	104.8	109.0	105.9	109.3	107.4	105.9	108.2	99.5	102.2
20°	158.0	158.0	151.9	142.9	144.0	145.5	147.4	147.0	145.1	141.8	140.2
22.5°	198.3	196.0	198.3	192.6	190.8	193.4	181.7	187.7	185.9	188.1	188.5
25°	246.2	246.9	239.0	232.2	226.6	227.3	231.9	230.7	225.1	227.0	232.6
27.5°	285.8	288.8	294.4	286.5	281.6	280.1	278.6	279.7	287.6	286.9	280.1
30°	311.0	306.9	305.7	309.5	315.9	311.0	317.4	307.6	304.6	314.0	313.7
32.5°	360.0	366.1	371.7	370.6	371.3	378.1	374.4	375.1	372.5	369.8	375.1
35°	402.3	402.6	398.9	404.1	402.6	404.5	409.4	409.8	411.3	410.5	410.9
37.5°	419.6	422.6	424.1	414.7	424.9	425.6	430.2	433.9	441.5	447.1	449.8
40°	447.5	445.6	442.2	452.4	443.0	449.0	459.9	467.1	475.4	486.7	490.5
42.5°	469.7	469.7	475.8	473.1	484.8	482.6	495.0	507.1	517.6	520.3	540.6
45°	493.9	505.2	506.3	512.3	519.9	533.8	535.0	544.8	556.4	571.2	577.9
47.5°	530.4	531.6	545.5	553.4	564.0	576.1	582.8	586.2	600.9	613.0	620.5
50°	561.0	580.2	588.5	601.3	615.3	621.3	631.8	640.1	645.8	653.7	658.6
52.5°	617.9	630.7	649.2	661.6	675.6	685.8	694.8	709.9	710.3	709.5	714.8
55°	712.9	739.3	768.3	777.7	804.5	817.3	833.2	842.2	855.8	842.2	845.6
57.5°	1036.7	1079.0	1102.3	1133.6	1158.1	1176.6	1181.1	1192.1	1211.7	1209.4	1197.0
60°	1541.5	1546.4	1564.9	1588.7	1587.2	1608.6	1595.1	1611.7	1582.3	1578.9	1548.3
62.5°	1864.2	1854.4	1852.6	1849.9	1841.3	1825.4	1805.1	1788.8	1762.8	1725.1	1699.1
65°	1939.3	1908.7	1888.0	1871.8	1839.7	1805.8	1778.7	1748.5	1727.0	1687.8	1648.6
67.5°	1880.8	1843.5	1806.2	1757.6	1722.5	1680.7	1640.3	1613.9	1574.3	1552.5	1488.8
70°	1706.3	1639.2	1576.6	1513.6	1483.1	1426.9	1389.2	1370.0	1330.4	1306.3	1259.2
72.5°	1192.1	1137.8	1046.5	998.7	988.5	947.8	931.2	922.1	902.9	881.0	856.5
75°	402.6	384.2	361.2	314.8	327.6	309.5	297.8	314.8	308.4	308.8	296.7
77.5°	70.5	68.2	65.2	61.8	60.7	61.8	60.3	62.6	63.0	64.1	63.0
80°	50.5	47.9	46.0	44.5	43.4	43.7	42.6	43.0	42.6	43.0	42.6
82.5°	36.2	34.7	32.8	31.7	31.3	31.7	30.9	32.0	32.8	33.9	35.1
85°	22.6	22.2	21.1	20.7	20.7	20.4	20.7	22.2	23.8	25.6	26.8
87.5°	16.2	16.2	15.5	16.2	16.2	17.0	18.1	20.0	21.9	23.8	26.0
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: P157124

CATALOG NUMBER: UTLD-F01-LED-E-U-T2-7030

CANDELA DISTRIBUTION (continued):

	97°	98°	99°	100°	101°	102°	103°	104°	105°	115°	125°
0°	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
2.5°	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.3	31.3	31.7	31.7
5°	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	33.2	49.8
7.5°	33.6	33.6	33.6	33.2	33.2	33.2	33.6	33.9	33.6	47.5	32.4
10°	50.1	50.9	51.6	51.3	51.6	52.0	52.4	52.4	57.3	50.5	34.7
12.5°	55.4	55.4	55.8	55.4	55.0	60.3	71.3	71.3	71.6	55.8	55.4
15°	78.4	77.3	78.4	81.8	92.4	93.9	94.2	93.9	89.3	83.3	79.9
17.5°	94.2	89.7	94.6	103.3	93.9	93.5	87.8	83.7	85.2	104.1	107.8
20°	142.5	147.8	150.4	154.9	151.6	142.5	139.1	139.5	138.7	142.1	120.3
22.5°	186.2	193.0	192.3	190.4	185.1	190.8	193.0	178.7	176.1	187.4	194.2
25°	242.0	238.6	239.4	235.6	233.7	234.5	236.8	247.7	247.3	268.0	216.0
27.5°	289.2	293.7	290.7	291.0	297.8	293.3	300.8	300.8	316.3	292.9	289.5
30°	308.8	313.3	322.0	324.2	331.0	335.2	334.4	337.0	338.2	354.0	315.9
32.5°	385.3	380.8	387.6	397.7	401.5	404.9	415.5	414.3	408.3	392.1	360.8
35°	420.4	430.2	430.2	431.3	447.9	449.0	447.9	454.3	449.4	438.8	380.4
37.5°	455.0	458.8	470.9	472.8	470.1	482.6	482.9	479.5	484.4	465.2	416.6
40°	496.1	501.4	503.3	513.8	508.6	507.1	521.4	516.1	512.7	489.3	427.5
42.5°	542.9	541.4	544.4	545.1	550.8	544.8	544.4	556.1	547.0	509.3	426.4
45°	590.0	583.6	580.6	581.0	580.2	583.2	573.8	580.2	581.3	519.9	416.6
47.5°	619.8	628.1	620.5	614.1	610.0	610.4	607.3	592.6	604.3	523.3	401.1
50°	666.2	665.4	664.6	650.3	646.2	638.3	634.5	623.9	615.6	512.3	384.2
52.5°	718.2	716.7	718.6	706.1	690.3	680.5	669.2	659.4	640.1	501.4	365.3
55°	846.7	843.3	833.2	829.8	800.7	775.9	744.9	726.1	709.1	500.7	343.4
57.5°	1193.2	1177.7	1151.3	1131.0	1076.3	1023.9	975.7	920.6	882.5	542.5	326.9
60°	1512.9	1493.3	1459.4	1393.8	1336.8	1244.8	1157.4	1085.0	1018.6	586.6	308.0
62.5°	1641.8	1600.7	1550.6	1485.7	1388.9	1299.9	1180.4	1096.7	1013.0	560.6	260.1
65°	1609.8	1540.8	1479.3	1406.6	1313.8	1202.6	1080.8	980.2	907.4	452.8	180.6
67.5°	1457.1	1393.8	1332.3	1246.7	1144.2	1020.2	915.7	811.7	746.5	322.3	100.7
70°	1219.6	1171.3	1096.7	1013.7	920.6	807.9	701.6	611.1	546.3	196.8	49.0
72.5°	838.4	797.3	766.1	695.6	601.3	499.5	439.6	369.1	330.2	100.7	32.4
75°	303.1	306.5	282.4	269.9	239.0	192.6	169.6	142.9	124.8	45.6	32.0
77.5°	70.5	69.4	73.1	75.0	69.7	63.7	57.3	52.8	49.4	35.8	33.9
80°	43.0	42.6	42.2	41.8	41.5	41.1	40.7	40.0	39.2	35.1	34.3
82.5°	35.8	36.2	36.2	36.2	36.6	36.6	36.9	36.9	36.6	35.1	34.7
85°	27.9	29.0	30.2	31.3	32.8	34.3	35.1	35.4	35.4	34.3	34.3
87.5°	27.9	29.4	31.3	33.6	35.8	37.7	39.2	40.0	40.0	34.7	33.9
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: P157124

CATALOG NUMBER: UTLD-F01-LED-E-U-T2-7030

CANDELA DISTRIBUTION (continued):

	135°	145°	155°	165°	175°	180°
0°	32.4	32.4	32.4	32.4	32.4	32.4
2.5°	33.6	32.8	33.2	35.8	34.3	33.6
5°	50.5	39.2	32.8	32.4	32.0	31.7
7.5°	33.6	33.6	34.3	42.6	47.1	49.8
10°	37.7	53.9	56.5	55.4	55.8	55.0
12.5°	76.2	57.3	59.9	67.5	78.4	78.4
15°	82.6	100.7	81.8	82.6	81.4	81.4
17.5°	108.2	107.4	87.1	105.2	106.7	106.7
20°	136.8	124.0	128.9	113.1	111.2	110.8
22.5°	147.8	153.1	136.5	138.7	138.7	138.0
25°	196.8	172.3	161.0	143.3	159.1	155.7
27.5°	229.2	190.8	188.5	169.3	167.0	165.5
30°	271.8	239.0	201.3	192.6	192.3	190.8
32.5°	295.2	249.2	217.9	198.7	212.6	211.9
35°	321.6	259.8	230.7	216.4	206.6	205.1
37.5°	323.1	264.3	223.6	219.8	216.8	215.6
40°	327.2	255.2	222.8	219.4	216.4	215.3
42.5°	315.2	242.8	211.9	199.4	193.8	192.3
45°	298.6	223.6	189.3	175.3	168.5	167.0
47.5°	279.0	206.2	165.1	152.3	142.9	140.2
50°	258.6	183.6	141.4	125.9	116.9	113.9
52.5°	236.4	154.9	115.0	101.8	92.4	90.5
55°	209.6	124.8	89.7	80.7	75.0	73.5
57.5°	174.9	93.9	68.6	64.5	61.8	61.1
60°	134.2	66.0	51.6	52.8	51.6	52.4
62.5°	92.0	43.7	39.6	43.0	43.4	43.4
65°	53.5	31.7	32.0	36.2	36.6	36.9
67.5°	32.8	26.4	27.9	32.0	32.4	32.4
70°	27.5	24.5	26.0	30.2	30.5	30.5
72.5°	26.8	24.5	25.3	29.4	29.8	30.2
75°	27.1	24.1	25.3	29.4	29.0	28.7
77.5°	27.9	24.1	24.9	29.4	29.8	27.9
80°	27.5	23.4	23.8	31.3	30.2	25.6
82.5°	26.4	21.9	21.1	33.2	26.8	23.0
85°	24.5	19.6	17.3	36.2	26.4	16.6
87.5°	13.9	16.2	12.8	31.7	24.1	13.2
90°	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)