

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: P157125

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P157125
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
Description: TRADITIONAIRE LED DOWNLIGHT LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 AREA
Light Source: (7) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2210.6 lumens
Efficiency: N/A
Efficacy: 85.4 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

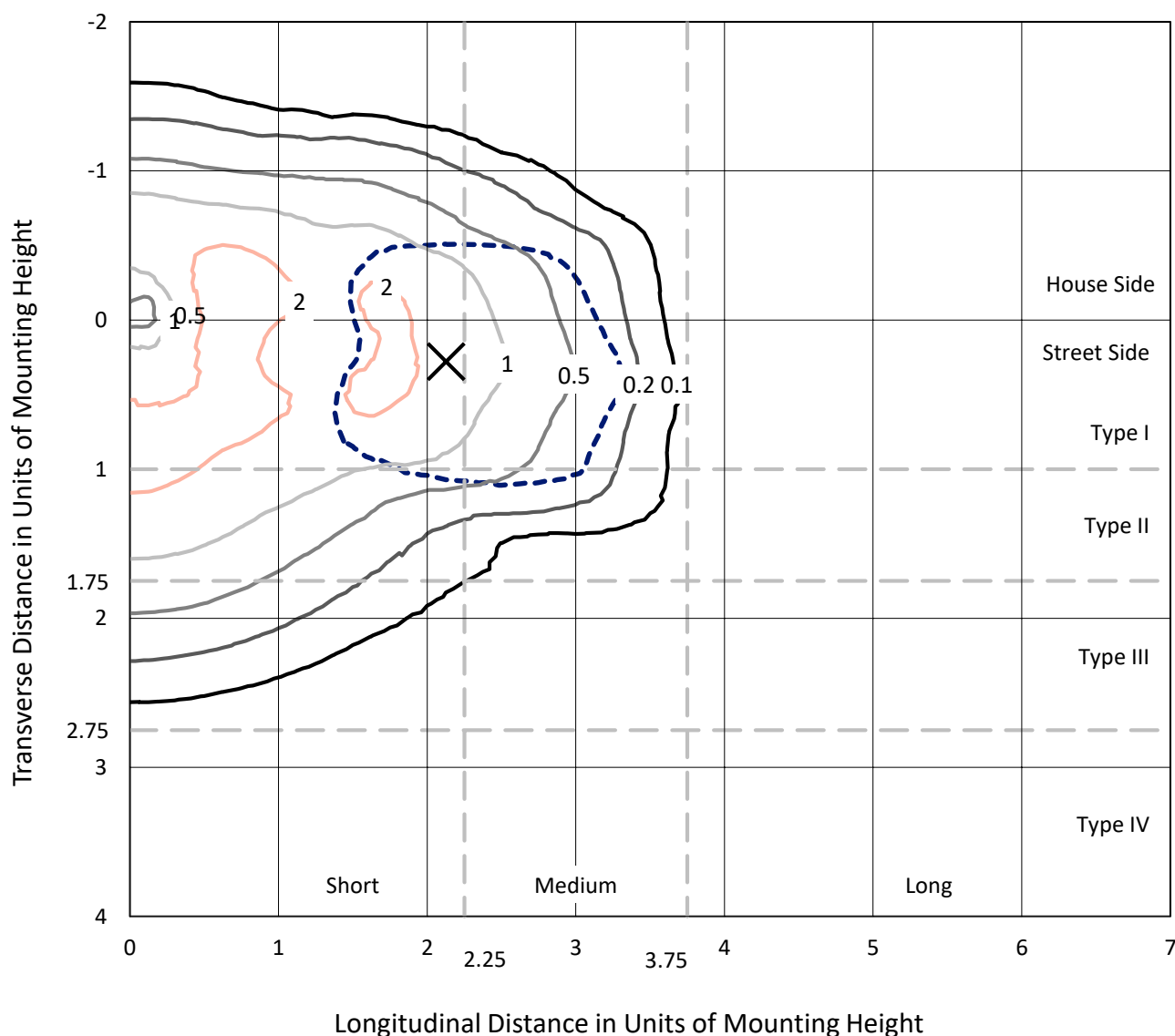


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

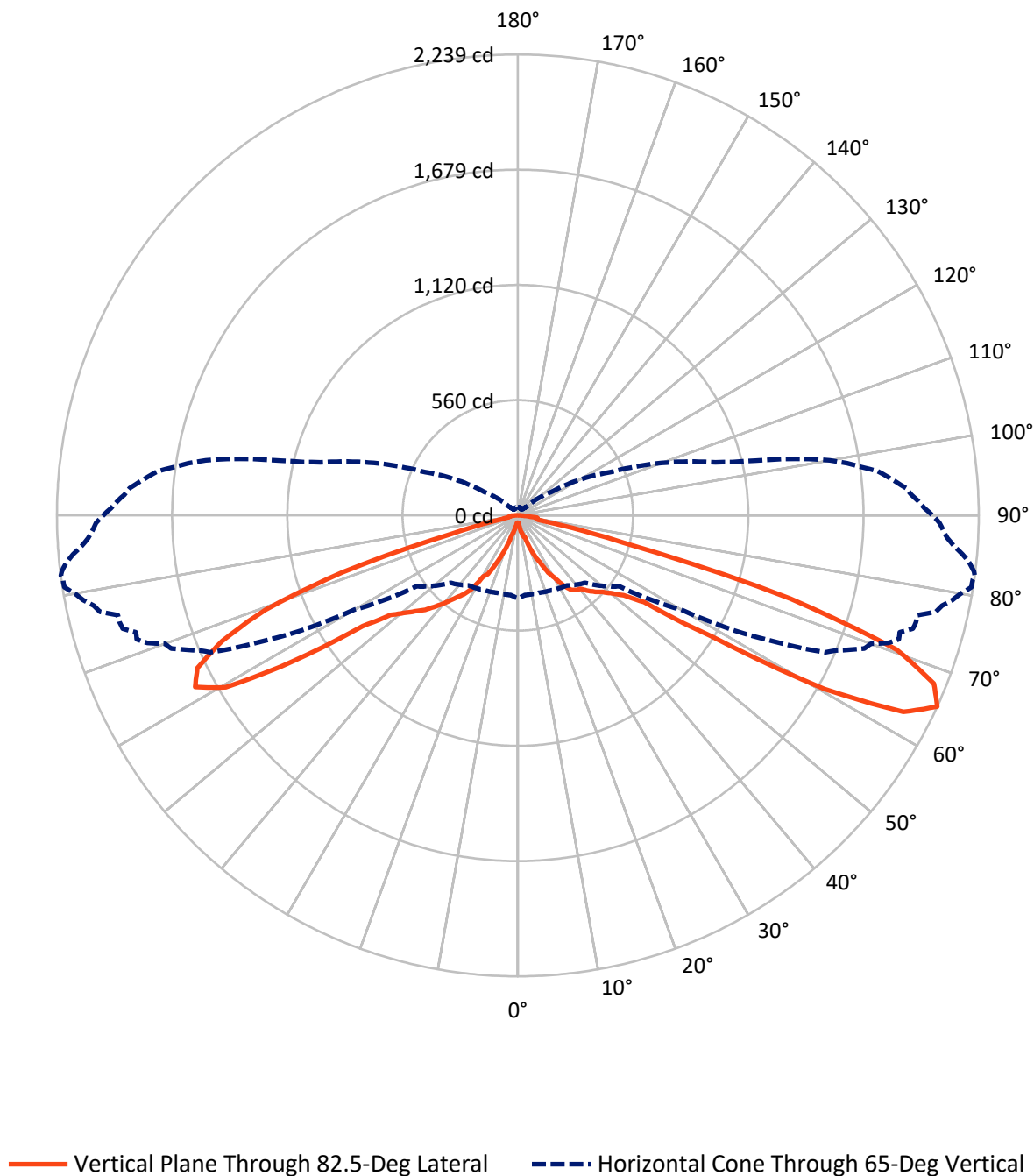


Based on 10 foot mounting height. Maximum calculated value = 2.6 fc
 Type II - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



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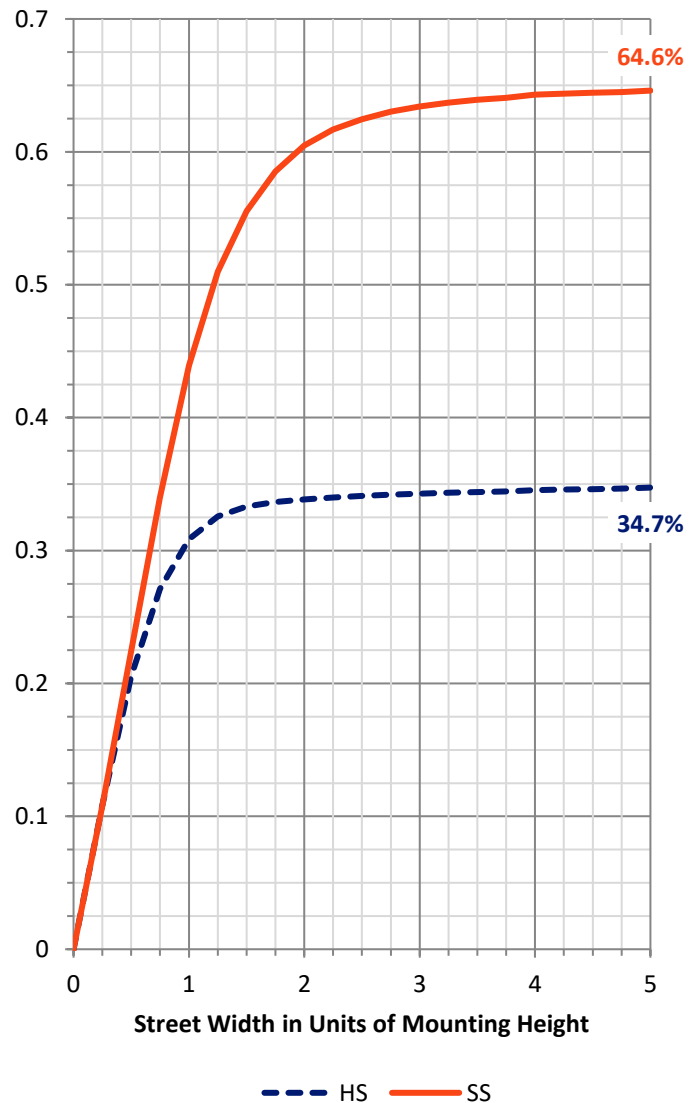
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	779.0	0.0	779.0
	% Fixture	35.2	0.0	35.2
Street Side	Lumens	1431.5	0.0	1431.5
	% Fixture	64.8	0.0	64.8
Total	Lumens	2210.6	0.0	2210.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.0	0.2
10°-20°	32.6	1.5
20°-30°	109.3	4.9
30°-40°	241.1	10.9
40°-50°	381.1	17.2
50°-60°	540.6	24.5
60°-70°	643.1	29.1
70°-80°	217.5	9.8
80°-90°	40.3	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°	2210.6	100.0
0°-180°	2210.6	100.0

Coefficient of Utilization



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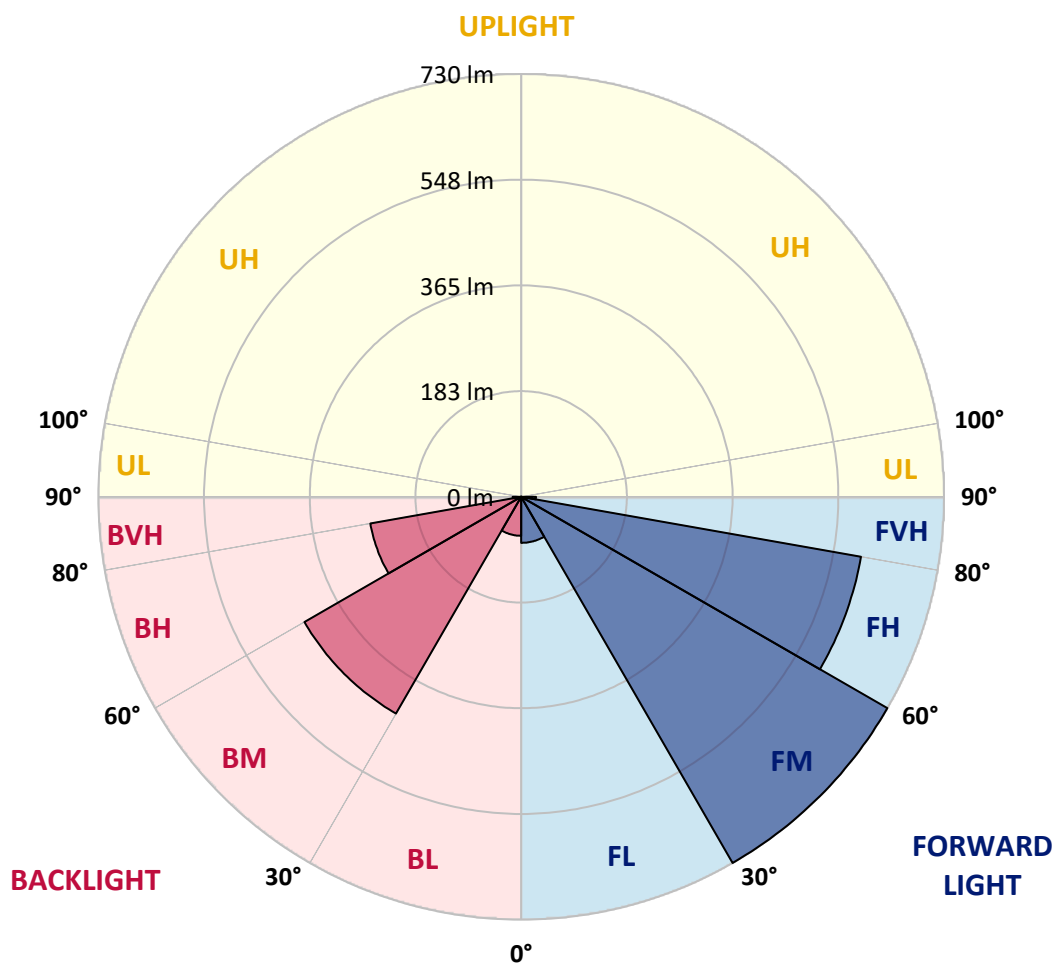
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	79.5	3.6			
FM	(30°-60°)	730.4	33.0			
FH	(60°-80°)	596.0	27.0			G0/660
FVH	(80°-90°)	25.6	1.2			G1/100
BL	(0°-30°)	67.4	3.0	B0/110		
BM	(30°-60°)	432.3	19.6	B1/1000		
BH	(60°-80°)	264.6	12.0	B1/500		G1/500
BVH	(80°-90°)	14.8	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°	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
2.5°	50.4	50.4	50.4	52.8	59.0	59.0	58.6	59.0	58.2	57.4	56.1
5°	52.4	53.7	52.8	52.4	51.6	51.2	50.8	50.4	50.4	51.2	53.2
7.5°	80.1	80.5	80.1	80.9	78.4	56.5	52.8	52.4	53.7	54.1	53.2
10°	95.3	89.2	87.1	85.4	83.4	79.7	79.3	77.2	76.4	75.9	73.9
12.5°	121.8	121.8	120.9	115.6	110.2	107.3	109.8	104.0	103.2	100.7	93.3
15°	160.6	160.2	132.9	126.7	142.4	135.4	114.3	120.9	127.5	126.7	127.1
17.5°	171.7	171.7	169.6	163.0	153.5	144.1	154.8	135.4	135.0	135.4	137.4
20°	213.0	213.0	204.7	190.3	181.6	172.1	165.9	181.2	176.2	172.5	169.6
22.5°	214.6	214.6	208.9	220.0	204.7	195.6	212.2	215.5	219.6	220.0	215.5
25°	248.1	248.5	242.7	226.2	228.7	224.1	233.2	255.5	255.5	251.8	262.5
27.5°	283.2	283.6	247.7	254.7	246.4	262.9	287.3	298.4	290.2	293.1	293.9
30°	299.7	300.1	298.0	295.5	285.6	292.2	304.6	314.9	320.3	340.1	333.9
32.5°	369.8	370.2	357.0	326.5	332.3	344.7	350.0	352.5	358.7	362.0	362.0
35°	453.2	452.0	428.0	401.2	383.9	381.4	388.0	409.0	419.8	409.5	414.0
37.5°	520.1	514.3	487.5	470.1	451.6	446.6	452.0	449.1	449.9	436.7	436.7
40°	566.3	566.7	551.9	537.0	508.9	517.6	502.7	498.6	487.5	485.0	474.3
42.5°	615.0	617.1	598.1	579.5	553.1	576.6	563.4	557.2	532.5	539.5	525.9
45°	665.8	667.4	645.6	620.0	596.9	632.8	629.9	619.6	606.8	608.0	593.6
47.5°	703.3	706.6	681.9	651.8	636.1	678.6	693.0	692.2	690.6	679.0	673.2
50°	725.2	727.3	700.0	677.8	658.4	712.8	758.2	765.7	778.9	756.2	771.5
52.5°	732.2	733.5	706.2	681.9	663.3	731.8	807.8	848.6	858.1	854.0	877.9
55°	712.8	714.5	694.3	672.4	655.9	734.7	847.4	927.1	932.8	944.8	992.7
57.5°	681.1	680.2	676.1	653.0	651.3	732.2	880.4	1027.0	1030.3	1088.5	1174.3
60°	640.2	641.8	639.8	627.8	635.2	705.8	873.4	1083.1	1121.5	1211.0	1346.8
62.5°	576.2	579.1	570.4	553.9	559.7	614.6	790.9	1057.1	1146.7	1263.1	1428.2
65°	402.9	388.4	389.2	399.1	416.1	463.1	601.0	915.5	1056.7	1192.5	1410.0
67.5°	232.0	236.1	235.7	245.6	266.2	303.4	384.3	613.0	740.5	898.2	1171.4
70°	178.3	178.3	184.1	197.3	210.1	253.0	276.1	331.9	390.5	496.6	750.0
72.5°	134.1	133.7	139.1	151.5	177.1	231.6	323.2	229.5	237.3	258.0	405.7
75°	78.0	75.9	78.0	86.7	108.1	172.9	326.9	255.5	243.9	229.1	255.1
77.5°	40.5	40.5	42.5	44.6	55.3	88.7	235.7	312.0	302.1	277.0	260.0
80°	23.1	23.9	25.6	25.6	26.8	36.7	102.4	305.4	337.2	345.1	338.5
82.5°	11.6	13.2	18.2	18.2	17.7	18.6	38.4	179.1	243.9	302.6	407.8
85°	6.6	7.0	12.0	13.2	12.8	11.1	17.7	80.1	107.3	156.0	233.2
87.5°	2.5	3.7	5.8	6.6	7.4	5.8	10.3	22.7	30.5	42.1	51.6
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°	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
2.5°	56.1	54.1	54.9	52.8	49.1	47.5	47.1	46.6	46.2	43.8	43.8
5°	54.9	55.3	56.5	57.0	57.0	57.4	58.2	57.8	58.2	57.4	57.0
7.5°	52.4	51.2	49.9	49.1	49.1	49.1	49.1	49.5	51.2	53.7	54.9
10°	73.5	73.5	73.9	73.1	74.3	73.9	73.9	73.5	73.5	73.9	73.9
12.5°	81.7	79.3	78.8	78.0	78.4	78.0	78.4	80.5	80.1	80.5	79.7
15°	129.6	129.2	128.8	126.7	120.1	114.3	113.1	112.3	107.7	106.1	105.3
17.5°	137.0	135.0	137.0	136.2	134.1	132.1	130.4	127.1	117.6	117.6	116.4
20°	172.5	177.5	179.1	188.2	187.0	190.3	190.3	189.0	189.5	188.2	183.3
22.5°	209.7	204.7	201.8	206.4	207.2	205.1	209.7	208.9	219.2	214.2	228.3
25°	263.8	274.5	281.1	274.9	272.0	273.2	277.0	272.4	274.9	273.2	274.1
27.5°	294.3	299.7	296.0	295.5	297.2	298.4	293.1	293.1	292.6	303.0	312.9
30°	342.6	338.1	338.1	340.5	344.2	344.2	339.7	338.5	343.0	338.9	343.8
32.5°	360.8	358.3	366.9	395.4	396.7	390.9	391.3	396.7	397.1	402.9	403.7
35°	409.0	416.1	421.0	422.3	417.3	416.9	422.3	425.1	430.9	431.3	436.3
37.5°	441.7	444.5	445.0	443.3	435.9	440.8	443.7	447.4	447.4	451.6	449.5
40°	478.0	479.2	478.8	465.6	463.5	469.3	471.0	469.7	469.3	470.1	468.5
42.5°	525.4	523.0	510.6	500.7	502.7	502.7	500.3	494.5	497.4	491.2	488.3
45°	587.4	581.2	561.4	552.7	553.1	545.3	535.8	534.5	526.7	519.3	526.3
47.5°	671.2	651.8	632.4	624.5	616.3	603.9	587.8	581.6	569.6	563.0	563.8
50°	771.5	742.6	729.8	731.4	714.9	691.8	678.6	659.6	637.7	635.7	626.6
52.5°	870.1	854.4	858.1	856.9	836.7	815.2	803.6	788.8	764.8	754.1	728.5
55°	972.1	979.9	1001.8	1000.9	991.0	988.2	982.4	969.6	973.3	946.1	914.3
57.5°	1166.9	1206.1	1258.5	1278.7	1276.7	1284.9	1305.2	1327.0	1344.0	1322.5	1325.8
60°	1400.1	1482.6	1560.7	1595.3	1653.9	1681.2	1726.6	1785.6	1825.6	1795.9	1847.1
62.5°	1519.0	1637.4	1696.9	1737.3	1814.9	1853.7	1913.2	1980.0	1996.5	2019.2	2076.2
65°	1531.3	1635.4	1678.3	1741.4	1803.4	1824.4	1903.2	1946.2	1940.0	1996.5	2002.7
67.5°	1345.6	1434.3	1502.5	1595.3	1642.4	1691.1	1756.3	1764.6	1790.6	1836.4	1804.2
70°	956.0	1099.6	1191.6	1299.0	1373.3	1451.7	1513.6	1519.0	1561.1	1575.5	1559.0
72.5°	517.2	657.5	768.2	900.2	987.3	1076.9	1133.0	1165.6	1182.2	1160.3	1201.6
75°	291.4	348.8	420.2	488.7	557.6	591.9	617.9	630.3	603.0	594.8	594.0
77.5°	246.4	243.5	249.3	236.9	240.2	231.6	233.2	212.2	197.7	208.0	207.2
80°	302.6	275.3	243.5	200.6	171.7	146.1	131.7	127.5	132.9	146.9	156.8
82.5°	402.0	397.1	344.7	289.8	243.5	194.8	157.7	136.2	138.7	148.2	166.3
85°	276.1	288.1	255.5	239.4	196.9	165.1	136.2	109.4	100.3	95.8	91.2
87.5°	55.7	48.7	43.8	41.3	35.9	31.8	28.5	26.0	26.4	24.8	24.4
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°	82.5°	83°	84°	85°
0°	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
2.5°	41.3	39.2	39.6	38.4	37.6	37.1	38.4	38.4	38.0	37.6	35.9
5°	56.1	55.7	54.1	52.0	49.5	45.0	42.5	40.5	39.2	38.8	38.0
7.5°	55.7	55.3	54.9	54.9	54.9	54.5	54.5	53.2	52.0	48.3	40.0
10°	73.9	75.9	80.5	83.0	83.0	82.6	80.1	79.7	79.3	78.8	75.5
12.5°	79.7	77.6	77.6	78.0	80.9	83.8	85.4	84.6	84.6	84.6	83.4
15°	104.8	104.8	104.4	104.4	104.4	105.3	104.8	107.3	109.0	108.1	108.6
17.5°	116.4	118.1	117.2	117.2	114.7	110.2	118.9	108.6	108.1	121.8	133.3
20°	176.2	175.8	173.4	172.5	170.9	170.1	171.3	171.7	172.1	171.7	174.2
22.5°	227.0	220.0	214.6	213.4	218.8	220.8	218.4	218.8	217.1	217.5	213.8
25°	276.1	269.9	276.1	269.5	265.0	260.5	260.0	257.6	260.9	262.5	267.5
27.5°	319.9	323.2	322.8	326.5	320.7	315.8	316.2	314.1	317.8	322.0	317.4
30°	344.7	347.5	345.9	341.4	343.4	344.7	352.5	351.3	349.6	340.5	336.4
32.5°	407.0	405.7	402.4	405.3	414.8	419.8	407.4	404.5	404.9	410.3	407.0
35°	433.8	433.8	434.6	447.4	450.7	441.7	441.2	443.7	449.1	439.2	433.4
37.5°	447.4	450.3	461.5	464.8	454.9	454.9	462.3	460.2	455.7	454.5	459.8
40°	467.7	479.6	483.3	473.4	473.9	480.9	473.4	468.1	471.8	484.2	484.6
42.5°	499.4	504.4	494.1	492.4	502.3	493.7	493.7	501.1	505.6	504.8	509.3
45°	530.4	521.3	515.1	524.2	518.0	511.0	527.5	529.2	529.2	533.7	540.3
47.5°	559.7	544.8	551.0	547.3	533.7	552.7	556.4	556.0	558.5	566.3	564.2
50°	603.0	592.7	590.7	571.7	583.2	590.7	590.3	595.2	599.7	597.3	615.4
52.5°	691.8	688.1	653.4	641.8	647.6	641.0	647.6	644.3	643.9	659.2	660.4
55°	884.1	863.1	802.4	799.9	768.6	742.6	751.2	743.0	746.7	756.6	763.6
57.5°	1324.6	1262.2	1245.3	1236.6	1175.1	1105.0	1097.5	1107.4	1106.2	1090.5	1116.5
60°	1847.9	1804.2	1850.8	1817.0	1769.1	1746.0	1712.1	1710.9	1696.5	1684.5	1657.2
62.5°	2039.5	2094.8	2138.5	2140.2	2150.9	2138.9	2122.0	2101.8	2104.7	2071.2	2060.5
65°	2002.3	2084.0	2106.7	2151.3	2184.8	2231.0	2231.8	2239.2	2232.6	2206.2	2169.1
67.5°	1878.5	1917.7	1942.9	1995.7	2062.2	2123.3	2173.2	2180.6	2185.2	2169.9	2115.0
70°	1631.2	1647.7	1683.2	1736.5	1817.0	1877.7	1945.8	1952.8	1967.2	1951.1	1912.7
72.5°	1207.7	1202.8	1221.4	1258.1	1296.1	1338.2	1381.5	1384.4	1416.2	1384.4	1340.2
75°	561.4	546.9	534.9	532.9	537.4	549.8	548.6	532.1	527.5	489.9	463.1
77.5°	192.3	187.4	177.5	162.2	144.9	123.8	108.6	101.1	94.1	83.8	80.1
80°	169.6	180.8	179.6	167.6	147.4	123.4	100.7	89.6	80.1	64.4	58.2
82.5°	195.6	220.4	239.0	226.2	194.4	158.1	114.7	95.8	78.4	53.2	43.3
85°	93.7	92.5	101.5	86.3	81.7	59.9	45.0	38.0	34.7	28.5	26.4
87.5°	24.8	25.2	26.0	26.0	25.2	23.5	23.1	22.3	21.9	20.2	19.0
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°	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
2.5°	35.9	35.5	35.5	35.1	35.1	35.1	35.1	35.1	34.7	34.7	34.7
5°	38.4	38.4	38.0	36.7	35.9	35.9	35.5	35.5	35.1	35.1	35.1
7.5°	36.7	36.3	35.9	36.3	37.1	37.6	37.6	37.1	36.7	37.1	37.1
10°	64.0	59.4	58.2	57.8	57.0	57.0	56.5	55.7	54.5	54.1	54.1
12.5°	81.3	66.0	64.0	63.6	62.7	62.3	61.9	59.9	59.0	59.9	60.3
15°	108.1	102.4	90.0	90.4	90.8	90.4	90.4	89.6	88.3	87.1	87.1
17.5°	125.1	129.6	114.7	119.3	116.0	119.7	117.6	116.0	118.5	109.0	111.9
20°	172.9	172.9	166.3	156.4	157.7	159.3	161.4	161.0	158.9	155.2	153.5
22.5°	217.1	214.6	217.1	210.9	208.9	211.7	199.0	205.6	203.5	206.0	206.4
25°	269.5	270.4	261.7	254.3	248.1	248.9	253.8	252.6	246.4	248.5	254.7
27.5°	312.9	316.2	322.4	313.7	308.3	306.7	305.0	306.3	314.9	314.1	306.7
30°	340.5	336.0	334.8	338.9	345.9	340.5	347.5	336.8	333.5	343.8	343.4
32.5°	394.2	400.8	407.0	405.7	406.6	414.0	409.9	410.7	407.8	404.9	410.7
35°	440.4	440.8	436.7	442.5	440.8	442.9	448.3	448.7	450.3	449.5	449.9
37.5°	459.4	462.7	464.4	454.0	465.2	466.0	471.0	475.1	483.3	489.5	492.4
40°	489.9	487.9	484.2	495.3	485.0	491.6	503.6	511.4	520.5	532.9	537.0
42.5°	514.3	514.3	520.9	518.0	530.8	528.3	542.0	555.2	566.7	569.6	591.9
45°	540.7	553.1	554.3	560.9	569.2	584.5	585.7	596.4	609.2	625.3	632.8
47.5°	580.8	582.0	597.3	605.9	617.5	630.7	638.1	641.8	657.9	671.2	679.4
50°	614.2	635.2	644.3	658.4	673.6	680.2	691.8	700.9	707.1	715.7	721.1
52.5°	676.5	690.6	710.8	724.4	739.7	750.8	760.7	777.2	777.6	776.8	782.6
55°	780.5	809.4	841.2	851.5	880.8	894.9	912.2	922.1	937.0	922.1	925.8
57.5°	1135.1	1181.3	1206.9	1241.2	1268.0	1288.2	1293.2	1305.2	1326.6	1324.1	1310.5
60°	1687.8	1693.2	1713.4	1739.4	1737.7	1761.3	1746.4	1764.6	1732.4	1728.6	1695.2
62.5°	2041.1	2030.4	2028.3	2025.4	2015.9	1998.6	1976.3	1958.6	1930.1	1888.8	1860.3
65°	2123.3	2089.8	2067.1	2049.4	2014.3	1977.1	1947.4	1914.4	1890.9	1847.9	1805.0
67.5°	2059.3	2018.4	1977.5	1924.3	1885.9	1840.1	1795.9	1767.0	1723.7	1699.8	1630.0
70°	1868.2	1794.7	1726.2	1657.2	1623.8	1562.3	1521.0	1500.0	1456.6	1430.2	1378.6
72.5°	1305.2	1245.7	1145.8	1093.4	1082.3	1037.7	1019.5	1009.6	988.6	964.6	937.8
75°	440.8	420.6	395.4	344.7	358.7	338.9	326.1	344.7	337.6	338.1	324.8
77.5°	77.2	74.7	71.4	67.7	66.5	67.7	66.0	68.5	68.9	70.2	68.9
80°	55.3	52.4	50.4	48.7	47.5	47.9	46.6	47.1	46.6	47.1	46.6
82.5°	39.6	38.0	35.9	34.7	34.3	34.7	33.8	35.1	35.9	37.1	38.4
85°	24.8	24.4	23.1	22.7	22.7	22.3	22.7	24.4	26.0	28.1	29.3
87.5°	17.7	17.7	16.9	17.7	17.7	18.6	19.8	21.9	23.9	26.0	28.5
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: P157125

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

CANDELA DISTRIBUTION (continued):

	97°	98°	99°	100°	101°	102°	103°	104°	105°	115°	125°
0°	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
2.5°	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.3	34.3	34.7	34.7
5°	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	36.3	54.5
7.5°	36.7	36.7	36.7	36.3	36.3	36.3	36.7	37.1	36.7	52.0	35.5
10°	54.9	55.7	56.5	56.1	56.5	57.0	57.4	57.4	62.7	55.3	38.0
12.5°	60.7	60.7	61.1	60.7	60.3	66.0	78.0	78.0	78.4	61.1	60.7
15°	85.9	84.6	85.9	89.6	101.1	102.8	103.2	102.8	97.8	91.2	87.5
17.5°	103.2	98.2	103.6	113.1	102.8	102.4	96.2	91.6	93.3	113.9	118.1
20°	156.0	161.8	164.7	169.6	165.9	156.0	152.3	152.7	151.9	155.6	131.7
22.5°	203.9	211.3	210.5	208.4	202.7	208.9	211.3	195.6	192.8	205.1	212.6
25°	265.0	261.3	262.1	258.0	255.9	256.7	259.2	271.2	270.8	293.5	236.5
27.5°	316.6	321.5	318.2	318.7	326.1	321.1	329.4	329.4	346.3	320.7	317.0
30°	338.1	343.0	352.5	355.0	362.4	366.9	366.1	369.0	370.2	387.6	345.9
32.5°	421.8	416.9	424.3	435.5	439.6	443.3	454.9	453.6	447.0	429.3	395.0
35°	460.2	471.0	471.0	472.2	490.4	491.6	490.4	497.4	492.0	480.5	416.5
37.5°	498.2	502.3	515.5	517.6	514.7	528.3	528.7	525.0	530.4	509.3	456.1
40°	543.2	549.0	551.0	562.6	556.8	555.2	570.9	565.1	561.4	535.8	468.1
42.5°	594.4	592.7	596.0	596.9	603.0	596.4	596.0	608.8	598.9	557.6	466.8
45°	646.0	639.0	635.7	636.1	635.2	638.5	628.2	635.2	636.5	569.2	456.1
47.5°	678.6	687.7	679.4	672.4	667.8	668.3	665.0	648.9	661.7	572.9	439.2
50°	729.4	728.5	727.7	712.0	707.5	698.8	694.7	683.1	674.0	560.9	420.6
52.5°	786.3	784.7	786.7	773.1	755.8	745.0	732.7	721.9	700.9	549.0	400.0
55°	927.1	923.3	912.2	908.5	876.7	849.5	815.6	795.0	776.4	548.1	376.0
57.5°	1306.4	1289.5	1260.6	1238.3	1178.4	1121.1	1068.2	1008.0	966.3	594.0	357.9
60°	1656.4	1635.0	1597.8	1526.0	1463.7	1362.9	1267.2	1187.9	1115.3	642.3	337.2
62.5°	1797.6	1752.6	1697.7	1626.7	1520.6	1423.2	1292.4	1200.7	1109.1	613.8	284.8
65°	1762.5	1687.0	1619.7	1540.0	1438.5	1316.7	1183.4	1073.2	993.5	495.7	197.7
67.5°	1595.3	1526.0	1458.7	1365.0	1252.7	1116.9	1002.6	888.7	817.3	352.9	110.2
70°	1335.3	1282.5	1200.7	1109.9	1008.0	884.5	768.2	669.1	598.1	215.5	53.7
72.5°	918.0	873.0	838.7	761.5	658.4	546.9	481.3	404.1	361.6	110.2	35.5
75°	331.9	335.6	309.2	295.5	261.7	210.9	185.7	156.4	136.6	49.9	35.1
77.5°	77.2	75.9	80.1	82.1	76.4	69.8	62.7	57.8	54.1	39.2	37.1
80°	47.1	46.6	46.2	45.8	45.4	45.0	44.6	43.8	42.9	38.4	37.6
82.5°	39.2	39.6	39.6	39.6	40.0	40.0	40.5	40.5	40.0	38.4	38.0
85°	30.5	31.8	33.0	34.3	35.9	37.6	38.4	38.8	38.8	37.6	37.6
87.5°	30.5	32.2	34.3	36.7	39.2	41.3	42.9	43.8	43.8	38.0	37.1
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: P157125

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

CANDELA DISTRIBUTION (continued):

	135°	145°	155°	165°	175°	180°
0°	35.5	35.5	35.5	35.5	35.5	35.5
2.5°	36.7	35.9	36.3	39.2	37.6	36.7
5°	55.3	42.9	35.9	35.5	35.1	34.7
7.5°	36.7	36.7	37.6	46.6	51.6	54.5
10°	41.3	59.0	61.9	60.7	61.1	60.3
12.5°	83.4	62.7	65.6	73.9	85.9	85.9
15°	90.4	110.2	89.6	90.4	89.2	89.2
17.5°	118.5	117.6	95.3	115.2	116.8	116.8
20°	149.8	135.8	141.2	123.8	121.8	121.4
22.5°	161.8	167.6	149.4	151.9	151.9	151.1
25°	215.5	188.6	176.2	156.8	174.2	170.5
27.5°	251.0	208.9	206.4	185.3	182.9	181.2
30°	297.6	261.7	220.4	210.9	210.5	208.9
32.5°	323.2	272.8	238.6	217.5	232.8	232.0
35°	352.1	284.4	252.6	236.9	226.2	224.5
37.5°	353.7	289.3	244.8	240.6	237.3	236.1
40°	358.3	279.4	243.9	240.2	236.9	235.7
42.5°	345.1	265.8	232.0	218.4	212.2	210.5
45°	326.9	244.8	207.2	191.9	184.5	182.9
47.5°	305.4	225.8	180.8	166.8	156.4	153.5
50°	283.2	201.0	154.8	137.9	128.0	124.7
52.5°	258.8	169.6	125.9	111.4	101.1	99.1
55°	229.5	136.6	98.2	88.3	82.1	80.5
57.5°	191.5	102.8	75.1	70.6	67.7	66.9
60°	146.9	72.2	56.5	57.8	56.5	57.4
62.5°	100.7	47.9	43.3	47.1	47.5	47.5
65°	58.6	34.7	35.1	39.6	40.0	40.5
67.5°	35.9	28.9	30.5	35.1	35.5	35.5
70°	30.1	26.8	28.5	33.0	33.4	33.4
72.5°	29.3	26.8	27.7	32.2	32.6	33.0
75°	29.7	26.4	27.7	32.2	31.8	31.4
77.5°	30.5	26.4	27.2	32.2	32.6	30.5
80°	30.1	25.6	26.0	34.3	33.0	28.1
82.5°	28.9	23.9	23.1	36.3	29.3	25.2
85°	26.8	21.5	19.0	39.6	28.9	18.2
87.5°	15.3	17.7	14.0	34.7	26.4	14.4
90°	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)