

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: McGRAW-EDISON

Report Number: P271731

Luminaire Tested: **IST-AF-1000-LED-E1-RW-7027-ULG**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P271731
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29767)-DOWNLIGHT AND
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: IST-AF-1000-LED-E1-RW-7027-ULG
Description: IMPACT ELITE LED TRAPEZOID LUMINAIRE WITH UPLIGHT
LIGHT SQUARE WITH ACCULED OPTICS-RECTANGULAR WIDE TYPE I, WITH UPLIGHT
GLOW
Light Source: (16) 2700K CCT, 70 CRI LEDs and (1) UPLIGHT LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6894.8 lumens
Efficiency: N/A
Efficacy: 96.7 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 0.5' x H: 0.54')
IES Classification: Type II - Medium - Non-Cutoff
BUG Rating: B2 - U5 - G2

Input Watts (W): 71.3
Input Voltage (V): 120
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: 25 FT

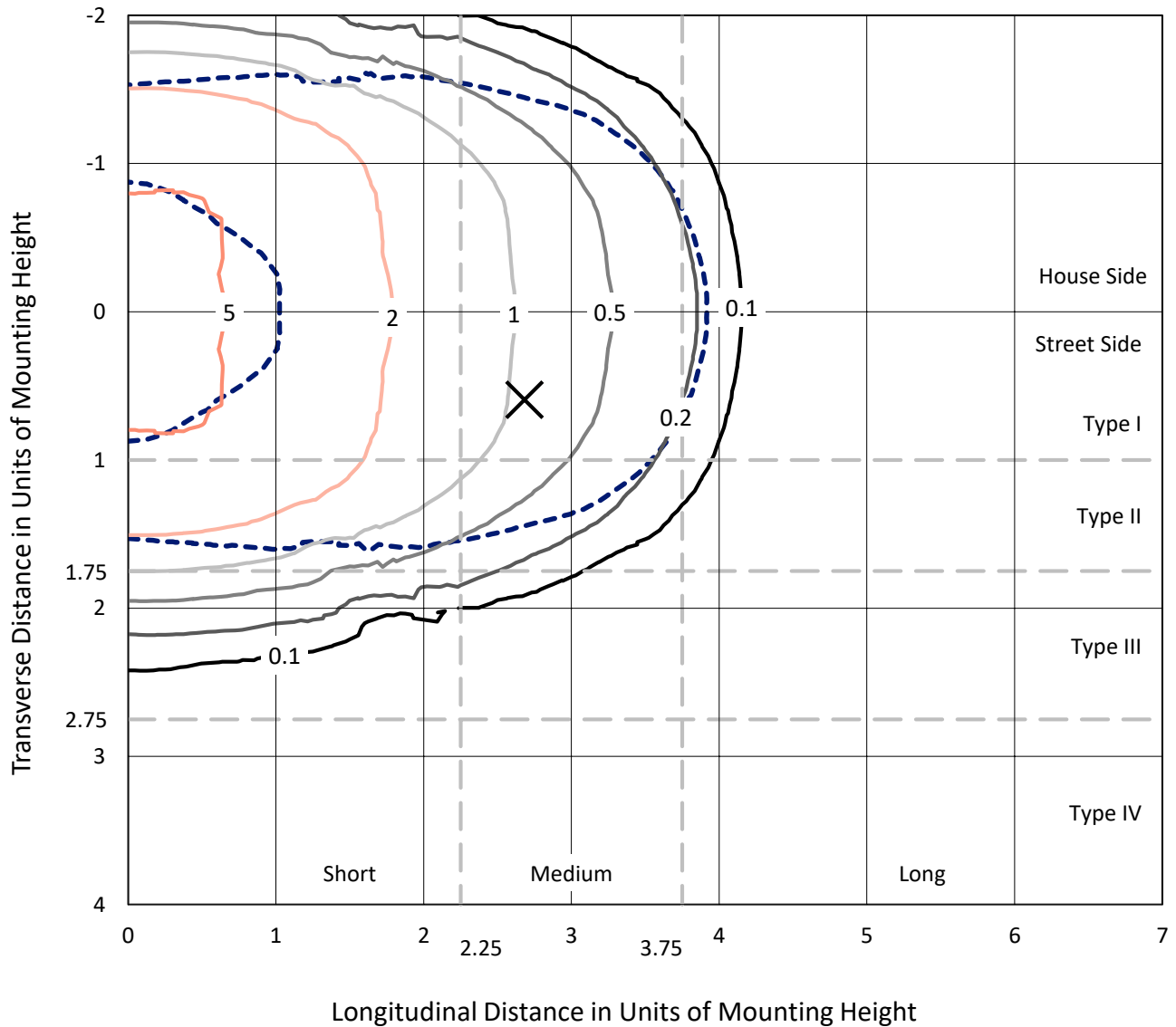


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

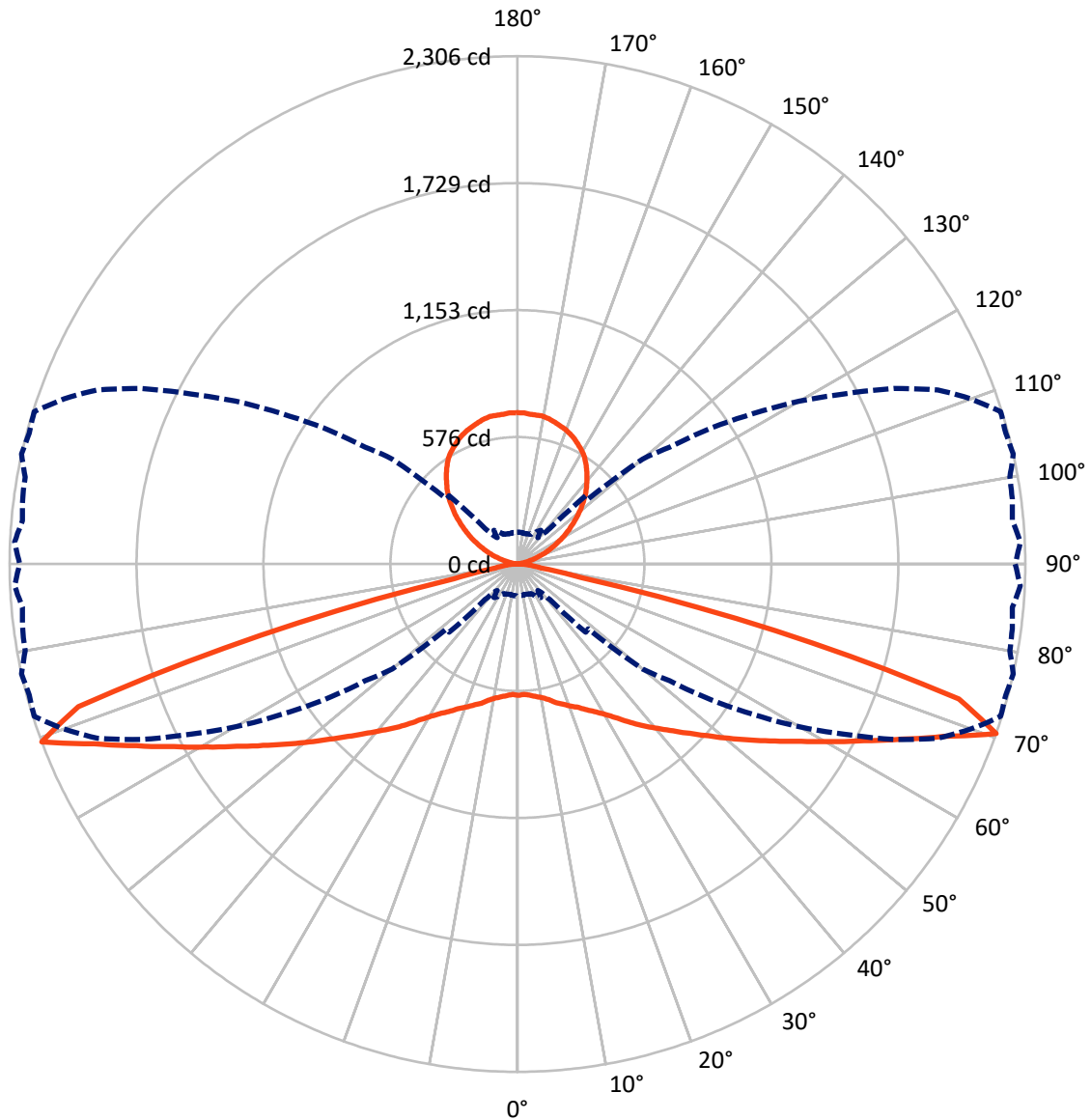


Based on 10 foot mounting height. Maximum calculated value = 6.2 fc
 Type II - Medium - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 77.5-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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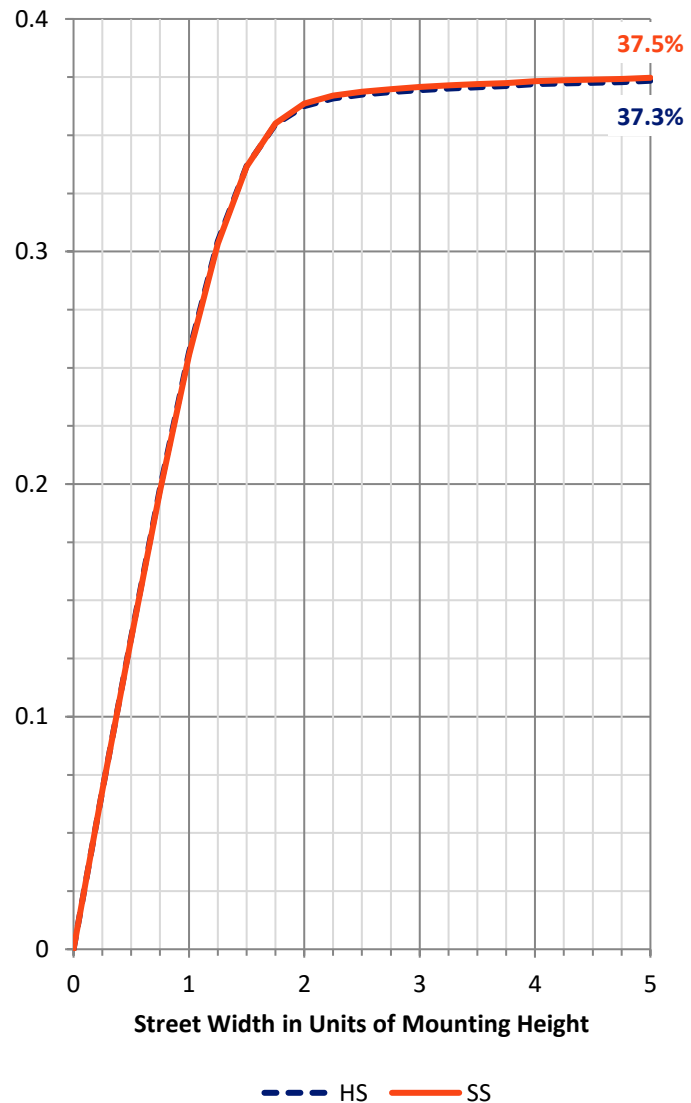
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2595.5	851.9	3447.4
	% Fixture	37.6	12.4	50.0
Street Side	Lumens	2595.5	851.9	3447.4
	% Fixture	37.6	12.4	50.0
Total	Lumens	5191.0	1703.8	6894.8
	% Fixture	75.3	24.7	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.6	0.8
10°-20°	180.2	2.6
20°-30°	338.3	4.9
30°-40°	591.2	8.6
40°-50°	963.7	14.0
50°-60°	1318.8	19.1
60°-70°	1213.2	17.6
70°-80°	474.2	6.9
80°-90°	53.8	0.8
90°-100°	9.9	0.1
100°-110°	56.3	0.8
110°-120°	163.0	2.4
120°-130°	268.1	3.9
130°-140°	330.6	4.8
140°-150°	338.2	4.9
150°-160°	284.9	4.1
160°-170°	187.6	2.7
170°-180°	65.0	0.9
0°-90°	5191.0	75.3
0°-180°	6894.8	100.0



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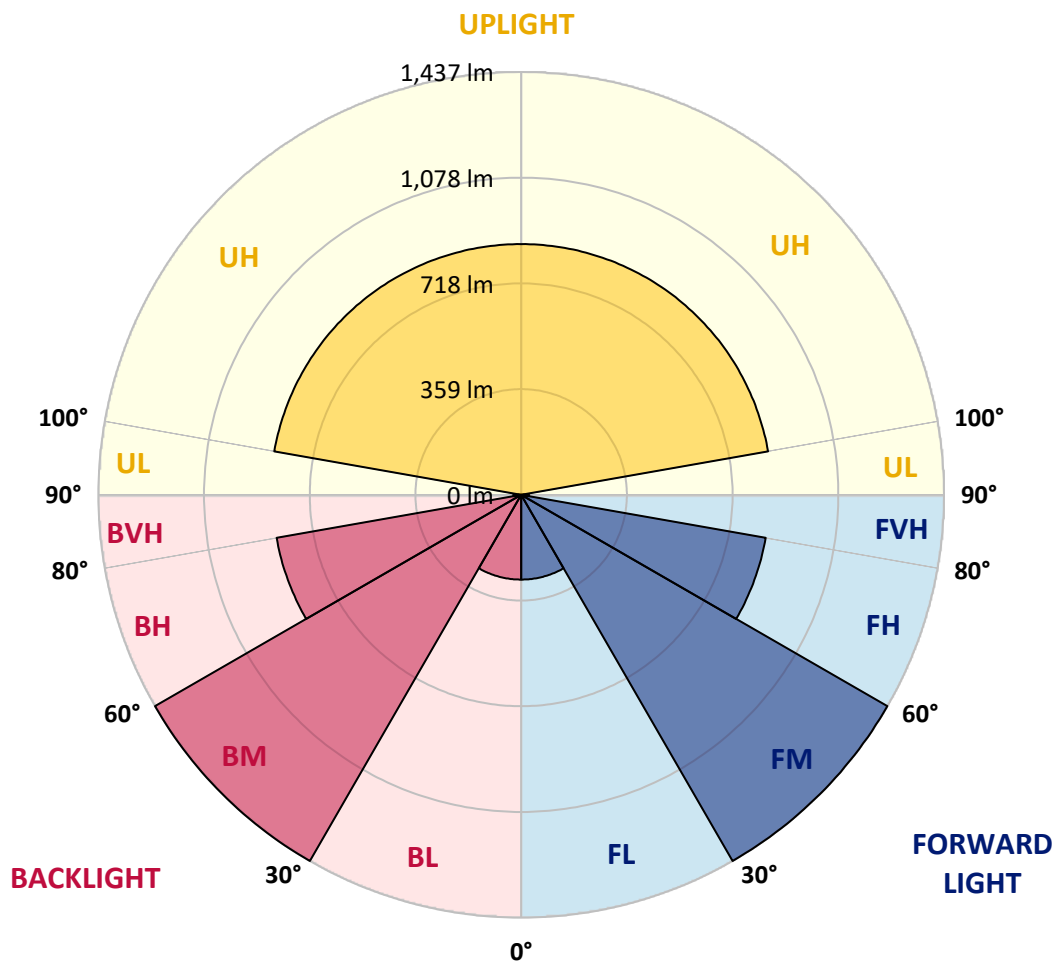
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	288.1	4.2			
FM	(30°-60°)	1436.9	20.8			
FH	(60°-80°)	843.7	12.2			G1/1800
FVH	(80°-90°)	26.9	0.4			G1/100
BL	(0°-30°)	288.1	4.2	B1/500		
BM	(30°-60°)	1436.9	20.8	B2/2500		
BH	(60°-80°)	843.7	12.2	B2/1000		G2/1000
BVH	(80°-90°)	26.9	0.4			G1/100
UL	(90°-100°)	9.9	0.1		U1/10	
UH	(100°-180°)	851.9	12.4		U4/1000	

BUG Rating: B2-U5-G2

Type II Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0°	596.3	596.3	596.3	596.3	596.3	596.3	596.3	596.3	596.3	596.3	596.3
2.5°	594.0	593.2	593.2	594.0	595.6	596.3	594.8	595.6	595.6	594.8	597.0
5°	595.6	594.8	595.6	597.0	599.3	601.7	600.9	600.9	601.7	600.1	603.9
7.5°	594.0	593.2	594.8	598.6	603.9	607.0	607.0	607.0	608.5	607.7	612.4
10°	587.1	586.3	590.2	597.0	607.0	609.3	611.6	612.4	617.0	617.0	621.4
12.5°	581.0	581.8	587.1	597.8	613.8	614.6	617.7	620.7	626.8	623.9	632.1
15°	583.3	584.9	591.7	604.6	626.1	625.3	627.6	630.7	640.6	633.8	647.5
17.5°	594.8	597.0	604.6	620.0	642.1	638.2	641.3	645.9	658.9	650.6	666.5
20°	613.1	616.1	624.5	641.3	661.9	658.2	661.2	666.5	681.8	673.4	689.4
22.5°	637.5	640.6	649.7	668.9	691.0	686.3	689.4	694.0	710.8	697.8	717.7
25°	670.3	673.4	683.3	703.2	728.3	723.0	724.6	727.5	745.1	730.0	749.0
27.5°	716.2	719.3	727.5	746.7	771.1	766.5	768.1	771.1	789.5	774.2	791.0
30°	774.2	777.2	784.8	803.9	824.6	819.3	821.5	823.8	840.6	825.4	839.1
32.5°	842.9	842.1	853.6	873.4	891.7	881.9	881.9	881.9	897.9	882.7	893.4
35°	923.9	923.9	935.2	954.4	971.2	959.7	954.4	951.3	968.9	949.8	957.4
37.5°	1012.4	1008.5	1026.1	1043.7	1059.7	1045.3	1040.7	1036.8	1049.8	1028.4	1032.2
40°	1106.4	1103.3	1122.3	1142.3	1152.9	1133.8	1130.0	1125.4	1139.1	1118.5	1117.9
42.5°	1191.8	1189.5	1214.0	1236.9	1249.8	1225.4	1220.1	1215.5	1230.8	1210.2	1205.5
45°	1264.4	1263.6	1291.9	1323.1	1346.1	1320.1	1316.3	1308.7	1323.9	1298.7	1296.4
47.5°	1320.9	1317.8	1352.2	1398.0	1434.6	1407.9	1407.1	1401.7	1417.9	1390.4	1387.3
50°	1359.0	1361.3	1398.8	1452.2	1511.8	1486.5	1488.9	1486.5	1510.2	1482.7	1486.5
52.5°	1366.0	1370.5	1418.6	1488.9	1572.0	1541.5	1559.1	1565.9	1595.7	1572.0	1579.7
55°	1284.1	1297.2	1370.5	1492.6	1609.4	1590.4	1612.5	1632.4	1674.4	1654.5	1668.2
57.5°	1101.7	1128.5	1213.3	1390.4	1604.9	1615.6	1660.7	1691.1	1742.4	1724.7	1756.8
60°	851.3	869.6	963.5	1170.4	1458.3	1472.8	1554.4	1651.4	1769.0	1793.5	1844.0
62.5°	557.4	568.1	659.6	869.6	1205.5	1210.2	1311.7	1437.6	1641.6	1695.0	1836.2
65°	276.4	290.9	339.8	500.9	844.5	838.3	949.8	1097.2	1361.3	1420.1	1650.0
67.5°	172.6	174.8	184.8	232.1	423.0	375.6	467.3	621.4	941.4	994.1	1285.7
70°	145.1	144.3	142.0	148.8	186.3	151.2	167.3	218.4	438.2	435.9	741.4
72.5°	133.6	131.3	125.2	124.4	129.7	119.1	120.6	123.7	175.6	147.3	285.5
75°	122.9	118.4	110.7	108.4	108.4	100.0	100.0	100.8	113.7	106.9	129.7
77.5°	110.0	104.7	96.9	94.0	90.9	81.7	80.9	81.7	91.5	85.5	96.9
80°	94.7	89.3	84.0	79.4	74.8	66.5	64.0	64.0	72.5	66.5	75.5
82.5°	82.5	75.5	74.1	66.5	59.6	51.9	49.7	45.8	53.4	46.6	56.5
85°	61.1	55.8	70.2	58.7	47.3	42.0	33.6	28.3	33.6	27.5	35.9
87.5°	35.1	32.9	61.8	46.6	42.0	45.1	27.5	19.9	19.0	16.8	19.9
90°	11.8	12.6	16.8	14.7	17.0	12.1	9.6	9.4	11.5	9.9	12.1
92.5°	4.0	4.0	4.9	5.9	5.9	5.9	5.9	5.9	5.9	6.1	6.4
95°	4.9	4.9	5.9	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
97.5°	6.8	6.8	7.8	7.8	8.8	8.8	8.8	8.8	8.8	9.6	10.3
100°	7.8	7.8	8.8	9.8	11.8	13.9	16.2	18.4	20.6	22.5	24.5
102.5°	10.8	10.8	12.8	17.7	26.5	29.6	32.9	36.1	39.3	41.7	44.2
105°	20.6	21.6	26.5	35.3	47.1	50.8	54.4	58.1	61.8	64.0	66.3
107.5°	40.2	41.2	48.1	57.0	71.7	75.4	79.1	82.6	86.3	88.1	89.8
110°	64.8	66.7	72.7	85.4	100.1	103.0	106.0	109.0	111.9	113.4	114.8



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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	37.5°	40°	42.5°	45°	47.5°	50°
112.5°	97.2	97.2	104.0	118.8	131.5	133.7	135.9	138.2	140.3	141.6	142.8
115°	137.4	136.5	144.3	156.0	164.9	166.4	167.8	169.3	170.8	171.9	173.2
117.5°	180.6	180.6	185.5	193.3	198.3	199.1	199.7	200.4	201.2	202.7	204.2
120°	220.8	218.8	221.8	228.7	232.6	234.1	235.5	237.1	238.5	239.3	239.9
122.5°	258.2	255.2	256.2	262.0	266.0	267.4	269.0	270.4	271.8	272.4	272.8
125°	292.5	288.5	290.5	293.5	299.3	300.6	301.8	303.1	304.3	305.1	305.7
127.5°	323.9	322.9	322.9	326.8	332.7	332.9	333.2	333.5	333.7	334.9	336.1
130°	356.3	354.3	355.3	359.2	363.2	363.6	364.2	364.6	365.1	366.3	367.6
132.5°	388.7	386.7	385.7	393.5	396.5	396.7	397.1	397.3	397.5	398.9	400.5
135°	421.0	418.1	418.1	424.0	427.0	427.4	428.0	428.4	428.9	430.4	431.8
137.5°	451.5	448.5	450.5	451.5	455.4	456.4	457.3	458.3	459.3	460.5	461.8
140°	479.0	476.0	478.0	480.0	481.9	483.4	484.8	486.3	487.8	488.6	489.3
142.5°	508.4	505.5	507.5	508.4	511.3	512.3	513.3	514.3	515.3	515.8	516.3
145°	539.8	535.9	534.0	536.8	539.8	540.0	540.3	540.6	540.8	541.9	543.3
147.5°	564.3	561.4	560.5	563.3	563.3	563.6	563.9	564.1	564.3	565.6	566.8
150°	584.0	581.0	582.0	582.0	582.0	582.0	582.0	582.0	582.0	583.0	584.0
152.5°	599.7	596.7	596.7	597.7	598.7	598.7	598.7	598.7	598.7	598.9	599.2
155°	617.3	613.5	613.5	615.4	618.3	617.9	617.3	616.9	616.3	615.9	615.4
157.5°	634.0	631.1	631.1	632.0	634.0	633.8	633.6	633.2	633.0	632.9	632.6
160°	650.7	647.8	646.8	643.8	642.8	642.8	642.8	642.8	642.8	643.6	644.4
162.5°	660.5	656.6	656.6	652.7	648.8	649.3	649.7	650.2	650.7	651.7	652.7
165°	668.4	665.5	663.5	663.5	660.5	660.5	660.5	660.5	660.5	660.3	660.1
167.5°	677.2	674.3	671.3	673.3	675.3	674.4	673.8	673.1	672.3	670.6	668.9
170°	685.0	682.2	679.2	679.2	680.2	679.7	679.2	678.7	678.2	677.1	675.7
172.5°	686.0	684.1	682.2	680.2	677.2	677.2	677.2	677.2	677.2	677.1	676.7
175°	687.0	685.0	684.1	682.2	678.2	678.0	677.7	677.4	677.2	677.2	677.2
177.5°	693.9	692.0	687.0	686.0	684.1	683.6	683.1	682.6	682.2	681.9	681.6
180°	687.0	687.0	687.0	687.0	687.0	687.0	687.0	687.0	687.0	687.0	687.0



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CANDELA DISTRIBUTION (continued):

	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0°	596.3	596.3	596.3	596.3	596.3	596.3	596.3	596.3	596.3	596.3	596.3
2.5°	594.8	597.0	594.0	597.0	591.7	596.3	592.5	597.0	593.2	597.0	592.5
5°	598.6	604.6	597.8	606.3	596.3	606.3	597.8	607.0	599.3	607.0	598.6
7.5°	604.6	615.4	606.3	617.0	604.6	618.4	607.0	620.0	608.5	620.7	607.7
10°	612.4	626.1	613.8	627.6	613.1	629.2	614.6	631.4	616.1	632.9	617.0
12.5°	619.2	636.8	623.1	641.3	625.3	644.4	627.6	648.9	630.7	652.8	632.1
15°	632.1	655.0	637.5	659.6	641.3	663.5	645.2	669.6	648.9	674.2	652.8
17.5°	648.9	674.2	655.9	678.0	658.2	682.6	662.7	687.1	666.5	692.5	668.9
20°	671.9	697.1	678.0	699.4	680.3	702.5	682.6	704.7	687.1	709.3	688.7
22.5°	697.8	721.5	700.9	722.2	700.9	721.5	702.5	722.2	704.7	725.3	707.0
25°	729.2	751.3	730.7	749.0	727.5	746.0	727.5	746.0	730.0	747.5	733.7
27.5°	772.6	789.5	768.1	784.1	761.2	777.2	758.2	774.2	758.9	774.2	760.4
30°	821.5	836.8	812.3	825.4	800.2	812.3	791.8	805.5	789.5	803.9	793.3
32.5°	874.9	887.2	862.7	873.4	847.6	858.2	836.1	845.1	831.4	840.6	833.8
35°	934.6	946.7	921.5	931.5	905.5	914.7	892.6	897.0	883.3	889.5	883.3
37.5°	1005.6	1016.3	987.1	996.4	968.1	979.6	952.8	957.4	940.6	944.5	932.2
40°	1081.9	1093.3	1059.0	1068.2	1033.1	1046.0	1016.3	1019.3	996.4	1000.3	981.1
42.5°	1164.3	1175.1	1132.2	1139.9	1098.6	1112.4	1077.2	1083.4	1056.0	1059.7	1035.3
45°	1255.2	1261.3	1214.0	1219.3	1169.8	1183.4	1139.1	1150.5	1117.9	1125.4	1097.2
47.5°	1339.9	1352.2	1300.3	1304.9	1251.4	1259.9	1208.6	1223.9	1188.7	1200.2	1165.9
50°	1436.9	1446.1	1396.4	1397.2	1345.3	1348.4	1291.0	1306.3	1268.1	1280.4	1243.7
52.5°	1536.2	1542.3	1488.9	1494.2	1443.0	1448.3	1391.1	1397.2	1352.9	1363.6	1327.8
55°	1632.4	1633.8	1589.6	1588.1	1540.0	1549.9	1486.5	1500.3	1447.6	1459.0	1418.6
57.5°	1728.6	1733.9	1692.7	1694.2	1646.1	1653.0	1595.7	1605.6	1556.0	1569.8	1519.3
60°	1830.2	1846.9	1806.4	1811.8	1766.0	1779.7	1710.2	1723.2	1669.1	1691.1	1636.9
62.5°	1895.1	1957.7	1950.0	1958.3	1914.8	1921.7	1850.0	1870.6	1805.8	1821.8	1766.0
65°	1771.4	1924.8	2002.7	2088.2	2090.4	2112.6	2043.1	2050.8	1985.8	1982.1	1916.4
67.5°	1443.8	1633.2	1764.5	1940.1	2063.0	2181.4	2224.1	2234.7	2199.7	2162.2	2088.2
70°	871.2	1078.1	1271.2	1478.1	1672.0	1885.1	2066.0	2191.2	2300.4	2295.1	2305.8
72.5°	344.3	516.2	645.2	839.1	1031.5	1267.4	1467.4	1643.8	1831.6	1947.0	2096.6
75°	135.9	179.4	209.9	318.4	410.0	585.7	762.0	857.4	1004.8	1105.5	1209.4
77.5°	97.7	106.9	108.4	126.0	132.9	184.1	215.3	248.1	279.5	299.2	295.5
80°	75.5	81.7	81.7	89.3	88.6	98.5	96.2	105.4	104.7	112.3	106.9
82.5°	56.5	60.4	60.4	66.5	66.5	72.5	71.0	77.2	74.8	80.2	74.8
85°	36.7	40.4	40.4	43.5	42.0	48.1	47.3	51.9	49.7	51.9	48.1
87.5°	20.6	22.9	23.6	25.9	23.6	28.3	27.5	29.7	27.5	29.7	28.3
90°	9.9	11.5	10.4	12.5	10.6	15.7	12.7	16.5	11.0	18.0	12.1
92.5°	6.6	6.8	6.8	6.8	6.8	6.8	6.6	6.4	6.1	5.9	5.9
95°	6.8	6.8	7.1	7.4	7.6	7.8	7.6	7.4	7.1	6.8	6.8
97.5°	11.0	11.8	11.3	10.8	10.3	9.8	9.6	9.3	9.1	8.8	8.6
100°	26.5	28.5	27.7	26.9	26.3	25.5	24.7	24.1	23.4	22.5	21.6
102.5°	46.6	49.0	48.3	47.6	46.9	46.2	44.9	43.7	42.4	41.2	40.4
105°	68.5	70.7	70.2	69.7	69.2	68.7	67.6	66.3	64.9	63.8	62.8
107.5°	91.4	93.2	93.1	92.7	92.4	92.3	91.3	90.3	89.3	88.3	87.6
110°	116.3	117.8	117.9	118.3	118.6	118.8	118.3	117.8	117.3	116.8	116.0



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CANDELA DISTRIBUTION (continued):

	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
112.5°	144.1	145.3	145.7	146.2	146.7	147.2	147.1	146.7	146.4	146.2	145.7
115°	174.5	175.7	176.4	177.1	177.9	178.7	177.9	177.1	176.4	175.7	175.2
117.5°	205.6	207.1	208.0	209.0	210.0	211.0	209.8	208.6	207.3	206.1	205.6
120°	240.7	241.5	242.5	243.4	244.4	245.3	244.2	242.9	241.6	240.5	239.9
122.5°	273.4	273.8	274.8	275.8	276.8	277.8	276.6	275.3	274.1	272.8	272.4
125°	306.4	307.2	307.7	308.2	308.7	309.2	308.0	306.7	305.4	304.3	304.3
127.5°	337.4	338.6	338.8	339.1	339.4	339.6	339.6	339.6	339.6	339.6	339.4
130°	368.8	370.0	371.0	372.0	373.0	374.0	374.0	374.0	374.0	374.0	373.4
132.5°	401.9	403.4	404.6	405.9	407.1	408.3	407.8	407.3	406.8	406.3	406.3
135°	433.3	434.8	435.9	437.3	438.6	439.7	439.5	439.2	438.9	438.7	439.5
137.5°	463.1	464.2	464.7	465.2	465.7	466.2	466.4	466.7	467.0	467.2	468.4
140°	489.9	490.7	491.2	491.7	492.2	492.7	493.2	493.7	494.2	494.7	495.9
142.5°	516.7	517.2	518.7	520.2	521.6	523.2	523.2	523.2	523.2	523.2	523.4
145°	544.6	545.7	547.2	548.7	550.1	551.6	551.4	551.1	550.8	550.6	549.9
147.5°	568.1	569.3	570.4	571.7	573.0	574.2	574.4	574.6	574.9	575.2	574.4
150°	585.0	586.0	586.8	587.4	588.1	588.9	589.6	590.4	591.1	591.8	592.6
152.5°	599.5	599.7	600.4	601.1	601.9	602.7	603.6	604.6	605.5	606.5	607.7
155°	614.9	614.4	615.6	616.9	618.1	619.3	620.5	621.8	623.1	624.2	624.7
157.5°	632.2	632.0	633.0	634.0	635.0	636.0	636.4	637.0	637.4	638.0	638.0
160°	645.1	645.8	647.3	648.8	650.2	651.7	650.9	650.2	649.6	648.8	648.6
162.5°	653.7	654.7	655.7	656.6	657.6	658.5	658.4	658.1	657.8	657.6	657.1
165°	659.7	659.5	660.7	662.1	663.3	664.5	665.3	665.9	666.6	667.4	666.9
167.5°	667.2	665.5	666.9	668.4	669.9	671.3	672.3	673.3	674.3	675.3	675.3
170°	674.4	673.3	674.1	674.8	675.4	676.2	677.4	678.7	679.9	681.2	681.6
172.5°	676.4	676.2	677.1	677.7	678.4	679.2	679.7	680.2	680.6	681.2	681.6
175°	677.2	677.2	678.4	679.7	680.9	682.2	682.4	682.6	682.9	683.1	682.6
177.5°	681.4	681.2	682.4	683.6	684.9	686.0	686.6	687.0	687.6	688.0	687.2
180°	687.0	687.0	687.0	687.0	687.0	687.0	687.0	687.0	687.0	687.0	687.0



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CANDELA DISTRIBUTION (continued):

	80°	82.5°	85°	87.5°	90°
0°	596.3	596.3	596.3	596.3	596.3
2.5°	596.3	594.8	597.8	593.2	597.0
5°	607.0	600.1	608.5	600.1	607.7
7.5°	621.4	610.1	622.3	610.1	622.3
10°	635.2	616.1	636.0	617.7	636.8
12.5°	655.9	632.9	658.9	633.8	658.9
15°	678.8	652.8	681.8	653.6	683.3
17.5°	697.1	671.9	700.0	671.9	700.9
20°	712.4	692.5	716.2	692.5	718.5
22.5°	730.0	715.4	734.5	715.4	739.0
25°	752.8	742.9	758.2	744.4	761.2
27.5°	779.5	772.6	784.8	775.0	787.9
30°	810.8	808.6	814.7	810.1	817.6
32.5°	845.9	851.3	851.3	851.3	854.4
35°	897.0	901.7	901.7	903.2	904.0
37.5°	945.9	953.6	952.8	955.2	955.2
40°	997.2	1007.1	1007.1	1007.1	1008.5
42.5°	1053.6	1064.3	1065.9	1061.3	1064.3
45°	1117.0	1120.8	1124.7	1122.3	1127.7
47.5°	1185.0	1188.7	1191.8	1188.7	1197.2
50°	1265.2	1264.4	1272.8	1264.4	1276.6
52.5°	1349.2	1356.0	1361.3	1352.9	1361.3
55°	1443.8	1441.5	1459.0	1447.6	1459.0
57.5°	1547.6	1547.6	1565.2	1554.4	1567.5
60°	1670.6	1660.7	1685.1	1667.5	1685.1
62.5°	1795.0	1777.5	1805.0	1789.6	1812.6
65°	1938.5	1913.3	1939.4	1919.5	1940.1
67.5°	2083.6	2054.6	2063.0	2053.1	2064.6
70°	2269.8	2266.1	2256.1	2285.2	2260.0
72.5°	2072.9	2117.1	2081.4	2150.8	2103.4
75°	1273.5	1355.3	1400.3	1471.2	1459.8
77.5°	301.7	268.0	295.5	264.9	298.6
80°	111.5	101.6	106.1	92.3	103.0
82.5°	76.4	66.5	64.0	51.1	55.0
85°	48.9	39.7	36.7	30.5	33.6
87.5°	29.0	22.2	20.6	17.6	18.3
90°	16.3	10.4	12.9	8.4	12.1
92.5°	5.9	5.9	5.9	5.9	5.9
95°	6.8	6.8	6.8	6.8	6.8
97.5°	8.4	8.1	7.8	7.8	7.8
100°	20.6	19.7	18.7	18.7	18.7
102.5°	39.7	39.1	38.3	37.8	37.3
105°	61.8	60.8	59.8	59.8	59.8
107.5°	86.9	86.1	85.4	84.9	84.4
110°	115.3	114.6	113.8	114.4	114.8



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CATALOG NUMBER: IST-AF-1000-LED-E1-RW-7027-ULG

CANDELA DISTRIBUTION (continued):

	80°	82.5°	85°	87.5°	90°
112.5°	145.3	144.8	144.3	144.3	144.3
115°	174.7	174.2	173.7	174.2	174.7
117.5°	205.2	204.6	204.2	204.6	205.2
120°	239.5	238.9	238.5	238.5	238.5
122.5°	271.8	271.4	270.9	271.4	271.8
125°	304.3	304.3	304.3	304.3	304.3
127.5°	339.1	338.8	338.6	339.6	340.5
130°	373.0	372.4	372.0	372.4	373.0
132.5°	406.3	406.3	406.3	406.8	407.3
135°	440.2	440.9	441.7	442.1	442.7
137.5°	469.6	470.9	472.1	472.6	473.0
140°	497.1	498.4	499.5	500.5	501.5
142.5°	523.6	523.9	524.1	525.1	526.0
145°	549.1	548.4	547.7	548.7	549.7
147.5°	573.7	573.0	572.2	573.2	574.2
150°	593.3	594.0	594.8	596.7	598.7
152.5°	609.1	610.3	611.5	613.9	616.3
155°	625.2	625.7	626.2	627.6	629.2
157.5°	638.0	638.0	638.0	640.4	642.8
160°	648.3	647.9	647.8	650.7	653.7
162.5°	656.6	656.1	655.7	658.5	661.5
165°	666.5	665.9	665.5	667.4	669.3
167.5°	675.3	675.3	675.3	678.2	681.2
170°	682.2	682.6	683.1	685.6	688.0
172.5°	682.2	682.6	683.1	685.6	688.0
175°	682.2	681.6	681.2	683.6	686.0
177.5°	686.6	685.9	685.0	687.0	689.0
180°	687.0	687.0	687.0	687.0	687.0

(END OF REPORT)