

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: P227499

Luminaire Tested: **IST-AF-800-LED-E1-RW-8030**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P227499  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29767)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: IST-AF-800-LED-E1-RW-8030  
Description: IMPACT ELITE LED TRAPEZOID LUMINAIRE  
LIGHT SQUARE WITH ACCULED OPTICS-RECTANGULAR WIDE TYPE I  
Light Source: (16) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

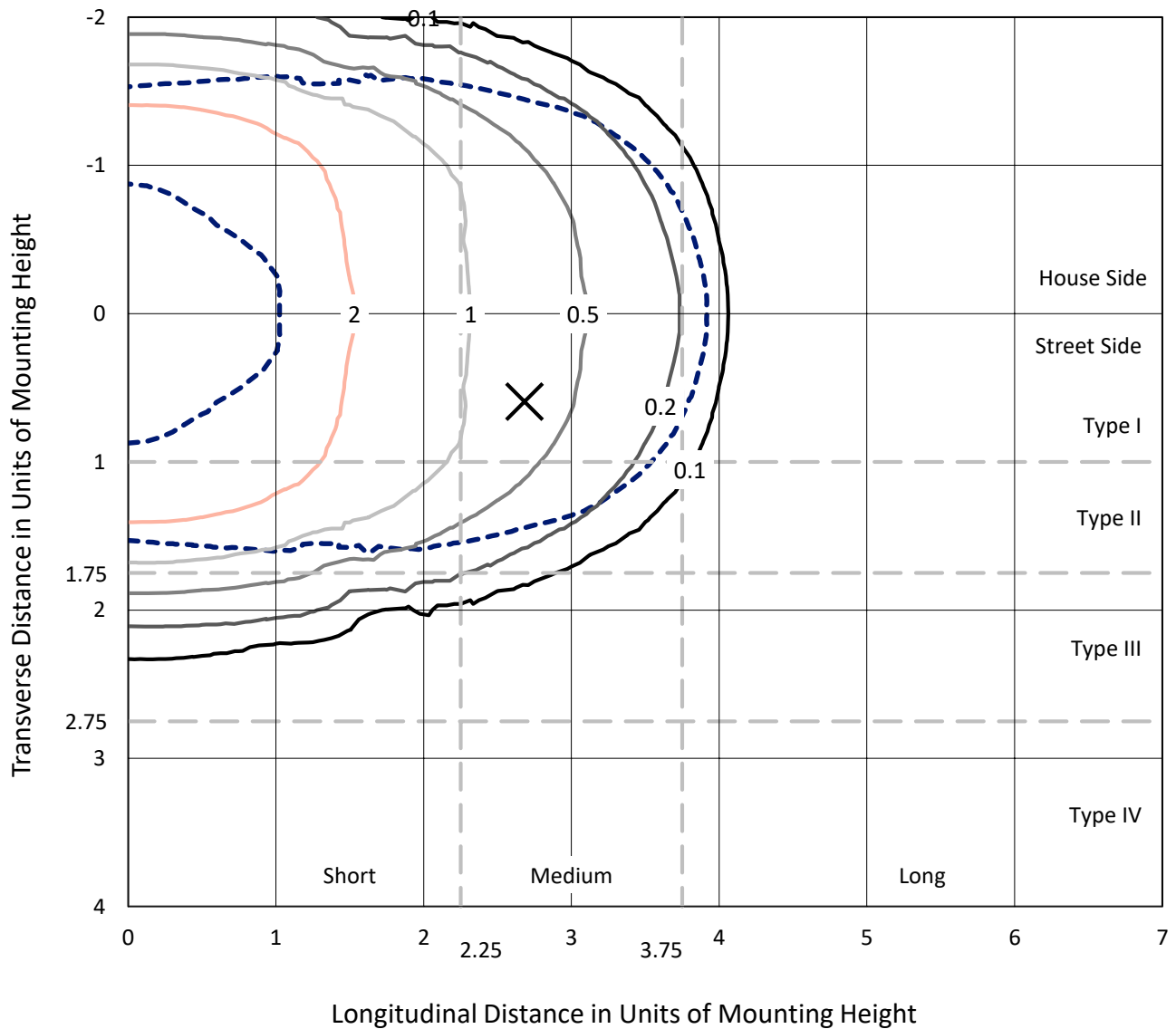
Lumens per Lamp: N/A  
Luminaire Lumens: 4124 lumens  
Efficiency: N/A  
Efficacy: 94.8 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type II - Medium - Cutoff  
BUG Rating: B2 - U1 - G2  
  
Input Watts (W): 43.5  
Input Voltage (V): 120  
Input Current (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

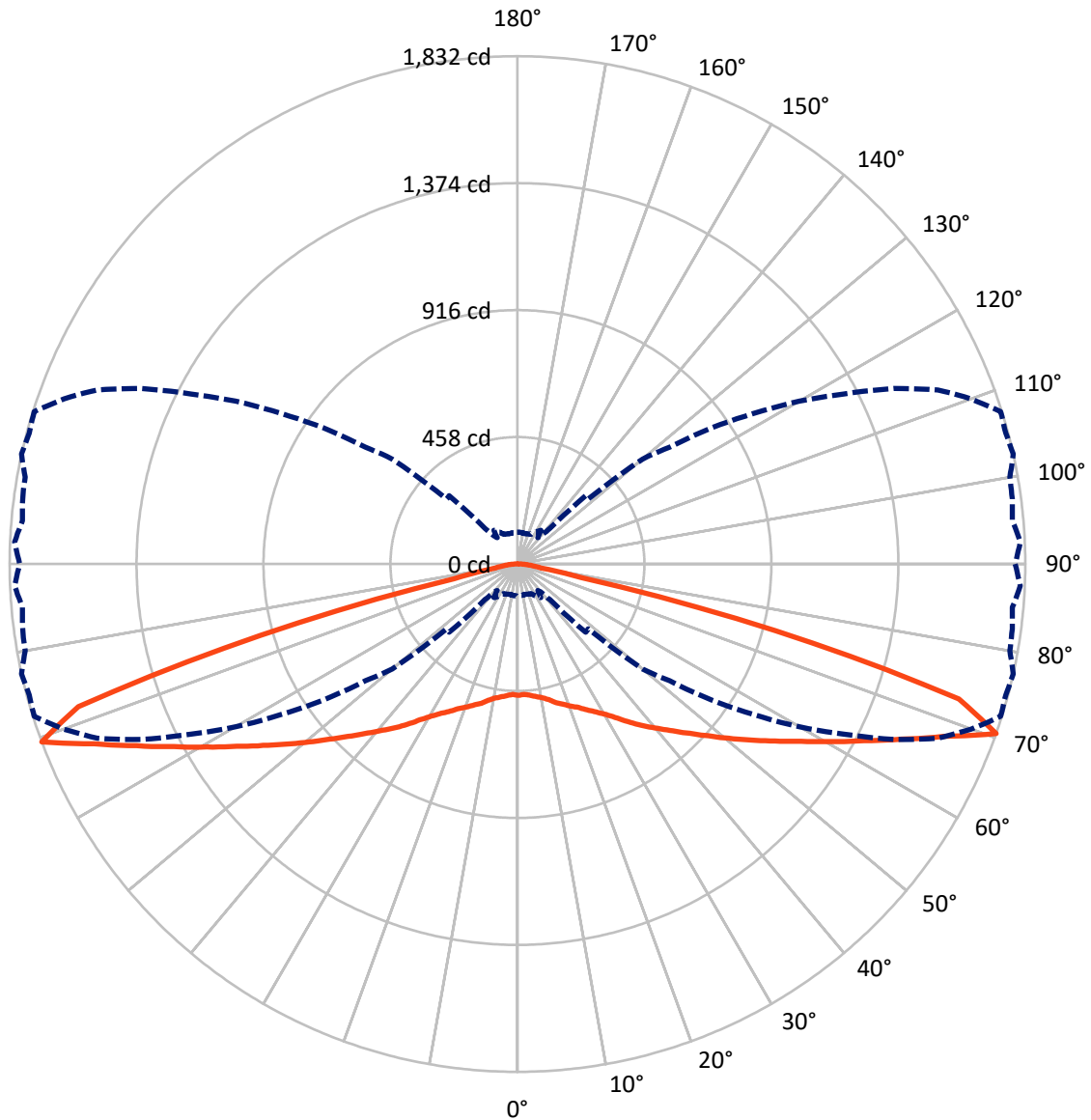
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 4.9 fc  
 Type II - Medium - 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
<b>House Side</b>	Lumens	2061.7	0.3	2062.0
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	2061.7	0.3	2062.0
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	4123.3	0.7	4124.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	45.8	1.1
10°-20°	143.2	3.5
20°-30°	268.8	6.5
30°-40°	469.7	11.4
40°-50°	765.6	18.6
50°-60°	1047.8	25.4
60°-70°	963.8	23.4
70°-80°	376.8	9.1
80°-90°	41.9	1.0
90°-100°	0.7	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°	4123.3	100.0
0°-180°	4124.0	100.0



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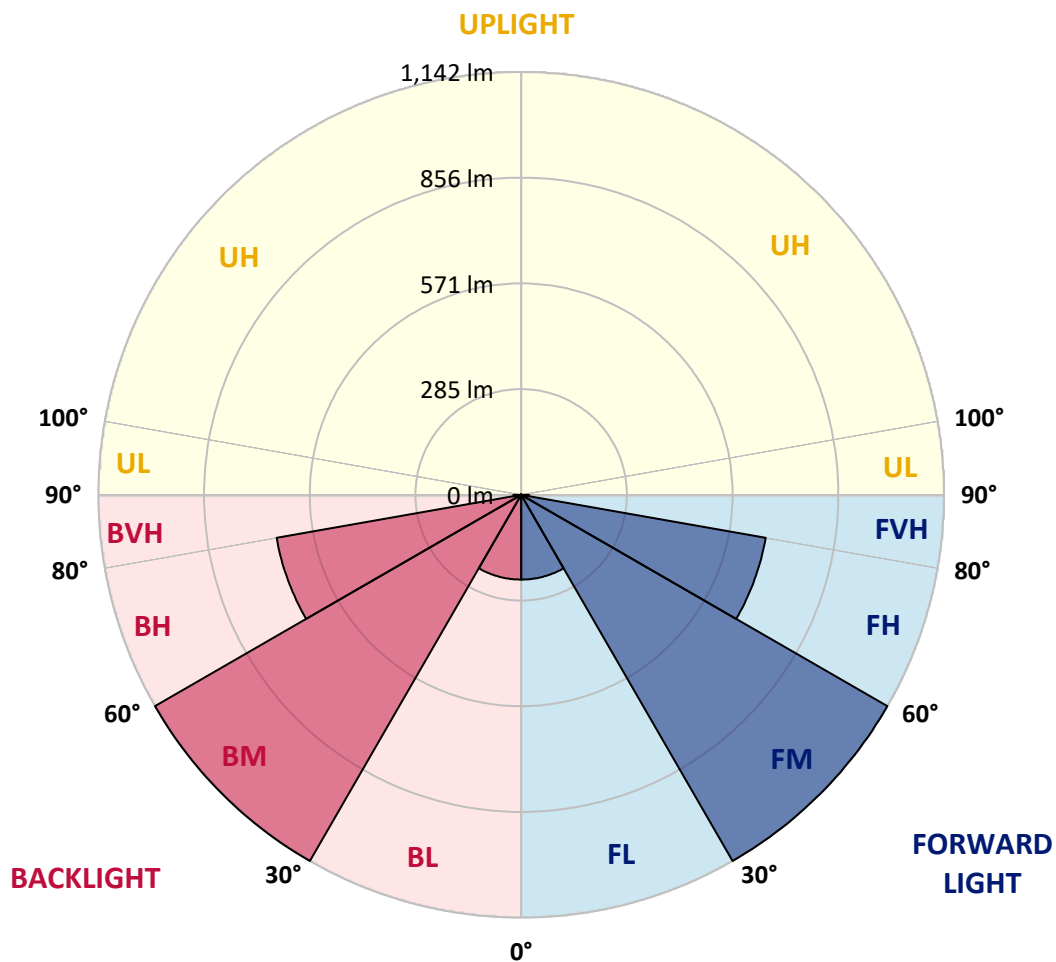
CATALOG NUMBER: IST-AF-800-LED-E1-RW-8030

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	228.9	5.5			
FM	(30°-60°)	1141.5	27.7			
FH	(60°-80°)	670.3	16.3			G1/1800
FVH	(80°-90°)	21.0	0.5			G1/100
BL	(0°-30°)	228.9	5.5	B1/500		
BM	(30°-60°)	1141.5	27.7	B2/2500		
BH	(60°-80°)	670.3	16.3	B2/1000		G2/1000
BVH	(80°-90°)	21.0	0.5			G1/100
UL	(90°-100°)	0.7	0.0		U1/10	
UH	(100°-180°)	0.3	0.0		U1/10	

**BUG Rating: B2-U1-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°	473.7	473.7	473.7	473.7	473.7	473.7	473.7	473.7	473.7	473.7	473.7
2.5°	471.9	471.3	471.3	471.9	473.1	473.7	472.5	473.1	473.1	472.5	474.3
5°	473.1	472.5	473.1	474.3	476.2	478.0	477.4	477.4	478.0	476.8	479.8
7.5°	471.9	471.3	472.5	475.6	479.8	482.2	482.2	482.2	483.4	482.8	486.5
10°	466.5	465.9	468.9	474.3	482.2	484.1	485.9	486.5	490.1	490.1	493.8
12.5°	461.6	462.2	466.5	475.0	487.7	488.3	490.7	493.1	498.0	495.6	502.2
15°	463.4	464.6	470.1	480.4	497.4	496.8	498.6	501.0	508.9	503.5	514.4
17.5°	472.5	474.3	480.4	492.5	510.1	507.1	509.5	513.2	523.5	516.8	529.5
20°	487.1	489.5	496.2	509.5	525.9	522.9	525.3	529.5	541.7	535.0	547.7
22.5°	506.5	508.9	516.2	531.4	549.0	545.3	547.7	551.4	564.7	554.4	570.2
25°	532.6	535.0	542.9	558.7	578.7	574.4	575.6	578.1	592.0	579.9	595.1
27.5°	569.0	571.4	578.1	593.2	612.6	609.0	610.2	612.6	627.2	615.1	628.4
30°	615.1	617.5	623.6	638.7	655.1	650.9	652.7	654.5	667.8	655.7	666.6
32.5°	669.7	669.1	678.2	693.9	708.5	700.6	700.6	700.6	713.3	701.2	709.7
35°	734.0	734.0	743.1	758.2	771.6	762.5	758.2	755.8	769.8	754.6	760.7
37.5°	804.3	801.3	815.2	829.2	841.9	830.4	826.8	823.7	834.0	817.1	820.1
40°	878.9	876.5	891.7	907.4	915.9	900.8	897.7	894.1	905.0	888.6	888.0
42.5°	946.9	945.1	964.5	982.7	993.0	973.6	969.3	965.7	977.8	961.4	957.8
45°	1004.5	1003.9	1026.3	1051.2	1069.4	1048.8	1045.7	1039.7	1051.8	1031.8	1030.0
47.5°	1049.4	1047.0	1074.3	1110.6	1139.8	1118.5	1117.9	1113.7	1126.4	1104.6	1102.2
50°	1079.7	1081.5	1111.3	1153.7	1201.0	1181.0	1182.8	1181.0	1199.8	1178.0	1181.0
52.5°	1085.2	1088.8	1127.0	1182.8	1248.9	1224.7	1238.6	1244.1	1267.8	1248.9	1255.0
55°	1020.3	1030.6	1088.8	1185.9	1278.7	1263.5	1281.1	1296.9	1330.2	1314.5	1325.4
57.5°	875.3	896.5	963.9	1104.6	1275.0	1283.5	1319.3	1343.6	1384.2	1370.3	1395.7
60°	676.3	690.9	765.5	929.9	1158.6	1170.1	1235.0	1312.0	1405.4	1424.9	1464.9
62.5°	442.8	451.3	524.1	690.9	957.8	961.4	1042.1	1142.2	1304.1	1346.6	1458.8
65°	219.6	231.1	269.9	397.9	670.9	666.0	754.6	871.7	1081.5	1128.2	1310.8
67.5°	137.1	138.9	146.8	184.4	336.0	298.4	371.2	493.8	747.9	789.8	1021.5
70°	115.3	114.6	112.8	118.3	148.0	120.1	132.8	173.5	348.2	346.4	589.0
72.5°	106.2	104.3	99.5	98.9	103.1	94.6	95.8	98.3	139.5	117.1	226.9
75°	97.7	94.0	88.0	86.1	86.1	79.5	79.5	80.1	90.4	84.9	103.1
77.5°	87.3	83.1	77.0	74.6	72.2	64.9	64.3	64.9	72.8	67.9	77.0
80°	75.2	71.0	66.7	63.1	59.4	52.8	51.0	51.0	57.6	52.8	60.1
82.5°	65.5	60.1	58.8	52.8	47.3	41.2	39.4	36.4	42.5	37.0	44.9
85°	48.5	44.3	55.8	46.7	37.6	33.4	26.7	22.4	26.7	21.8	28.5
87.5°	27.9	26.1	49.1	37.0	33.4	35.8	21.8	15.8	15.2	13.3	15.8
90°	5.5	6.1	7.9	5.5	7.3	3.6	1.8	1.8	3.6	2.4	4.2
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	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):**

	0°	5°	15°	25°	35°	37.5°	40°	42.5°	45°	47.5°	50°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	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):**

	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0°	473.7	473.7	473.7	473.7	473.7	473.7	473.7	473.7	473.7	473.7	473.7
2.5°	472.5	474.3	471.9	474.3	470.1	473.7	470.7	474.3	471.3	474.3	470.7
5°	475.6	480.4	475.0	481.6	473.7	481.6	475.0	482.2	476.2	482.2	475.6
7.5°	480.4	488.9	481.6	490.1	480.4	491.3	482.2	492.5	483.4	493.1	482.8
10°	486.5	497.4	487.7	498.6	487.1	499.8	488.3	501.6	489.5	502.9	490.1
12.5°	491.9	505.9	495.0	509.5	496.8	512.0	498.6	515.6	501.0	518.6	502.2
15°	502.2	520.4	506.5	524.1	509.5	527.1	512.6	532.0	515.6	535.6	518.6
17.5°	515.6	535.6	521.1	538.6	522.9	542.3	526.5	545.9	529.5	550.2	531.4
20°	533.8	553.8	538.6	555.6	540.5	558.1	542.3	559.9	545.9	563.5	547.1
22.5°	554.4	573.2	556.8	573.8	556.8	573.2	558.1	573.8	559.9	576.3	561.7
25°	579.3	596.9	580.5	595.1	578.1	592.6	578.1	592.6	579.9	593.8	582.9
27.5°	613.9	627.2	610.2	623.0	604.8	617.5	602.3	615.1	602.9	615.1	604.2
30°	652.7	664.8	645.4	655.7	635.7	645.4	629.0	639.9	627.2	638.7	630.2
32.5°	695.1	704.8	685.4	693.9	673.3	681.8	664.2	671.5	660.6	667.8	662.4
35°	742.5	752.2	732.1	740.0	719.4	726.7	709.1	712.7	701.8	706.7	701.8
37.5°	798.9	807.4	784.3	791.6	769.1	778.2	757.0	760.7	747.3	750.3	740.6
40°	859.5	868.6	841.3	848.6	820.7	831.0	807.4	809.8	791.6	794.6	779.5
42.5°	925.0	933.5	899.6	905.6	872.9	883.8	855.9	860.7	838.9	841.9	822.5
45°	997.2	1002.1	964.5	968.7	929.3	940.2	905.0	914.1	888.0	894.1	871.7
47.5°	1064.5	1074.3	1033.0	1036.6	994.2	1000.9	960.2	972.3	944.4	953.5	926.2
50°	1141.6	1148.9	1109.4	1110.0	1068.8	1071.2	1025.7	1037.9	1007.5	1017.2	988.1
52.5°	1220.4	1225.3	1182.8	1187.1	1146.4	1150.7	1105.2	1110.0	1074.9	1083.4	1054.8
55°	1296.9	1298.1	1262.9	1261.7	1223.5	1231.4	1181.0	1191.9	1150.1	1159.2	1127.0
57.5°	1373.3	1377.5	1344.8	1346.0	1307.8	1313.2	1267.8	1275.6	1236.2	1247.1	1207.1
60°	1454.0	1467.3	1435.2	1439.4	1403.0	1413.9	1358.7	1369.1	1326.0	1343.6	1300.5
62.5°	1505.5	1555.3	1549.2	1555.9	1521.3	1526.8	1469.7	1486.1	1434.6	1447.3	1403.0
65°	1407.3	1529.2	1591.1	1659.0	1660.8	1678.4	1623.2	1629.3	1577.7	1574.7	1522.5
67.5°	1147.0	1297.5	1401.8	1541.3	1639.0	1733.0	1767.0	1775.5	1747.6	1717.8	1659.0
70°	692.1	856.5	1010.0	1174.3	1328.4	1497.6	1641.4	1740.9	1827.6	1823.4	1831.9
72.5°	273.6	410.0	512.6	666.6	819.5	1006.9	1165.8	1306.0	1455.2	1546.8	1665.7
75°	108.0	142.5	166.8	252.9	325.7	465.2	605.4	681.2	798.3	878.3	960.8
77.5°	77.6	84.9	86.1	100.1	105.5	146.2	171.1	197.1	222.0	237.8	234.7
80°	60.1	64.9	64.9	71.0	70.4	78.2	76.4	83.7	83.1	89.2	84.9
82.5°	44.9	47.9	47.9	52.8	52.8	57.6	56.4	61.3	59.4	63.7	59.4
85°	29.1	32.1	32.1	34.6	33.4	38.2	37.6	41.2	39.4	41.2	38.2
87.5°	16.4	18.2	18.8	20.6	18.8	22.4	21.8	23.7	21.8	23.7	22.4
90°	2.4	3.6	2.4	3.6	1.8	5.5	3.0	6.1	1.8	7.3	3.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	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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CATALOG NUMBER: IST-AF-800-LED-E1-RW-8030

**CANDELA DISTRIBUTION (continued):**

	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P227499

CATALOG NUMBER: IST-AF-800-LED-E1-RW-8030

**CANDELA DISTRIBUTION (continued):**

	80°	82.5°	85°	87.5°	90°
0°	473.7	473.7	473.7	473.7	473.7
2.5°	473.7	472.5	475.0	471.3	474.3
5°	482.2	476.8	483.4	476.8	482.8
7.5°	493.8	484.7	494.4	484.7	494.4
10°	504.7	489.5	505.3	490.7	505.9
12.5°	521.1	502.9	523.5	503.5	523.5
15°	539.2	518.6	541.7	519.2	542.9
17.5°	553.8	533.8	556.2	533.8	556.8
20°	565.9	550.2	569.0	550.2	570.8
22.5°	579.9	568.4	583.5	568.4	587.2
25°	598.1	590.2	602.3	591.4	604.8
27.5°	619.3	613.9	623.6	615.7	626.0
30°	644.2	642.4	647.2	643.6	649.6
32.5°	672.1	676.3	676.3	676.3	678.8
35°	712.7	716.4	716.4	717.6	718.2
37.5°	751.6	757.6	757.0	758.8	758.8
40°	792.2	800.1	800.1	800.1	801.3
42.5°	837.1	845.6	846.8	843.1	845.6
45°	887.4	890.5	893.5	891.7	895.9
47.5°	941.4	944.4	946.9	944.4	951.1
50°	1005.1	1004.5	1011.2	1004.5	1014.2
52.5°	1071.8	1077.3	1081.5	1074.9	1081.5
55°	1147.0	1145.2	1159.2	1150.1	1159.2
57.5°	1229.5	1229.5	1243.5	1235.0	1245.3
60°	1327.2	1319.3	1338.7	1324.8	1338.7
62.5°	1426.1	1412.1	1434.0	1421.8	1440.0
65°	1540.1	1520.1	1540.7	1524.9	1541.3
67.5°	1655.4	1632.3	1639.0	1631.1	1640.2
70°	1803.4	1800.3	1792.4	1815.5	1795.5
72.5°	1646.9	1682.0	1653.5	1708.7	1671.1
75°	1011.8	1076.7	1112.5	1168.9	1159.8
77.5°	239.6	212.9	234.7	210.5	237.2
80°	88.6	80.7	84.3	73.4	81.9
82.5°	60.7	52.8	51.0	40.6	43.7
85°	38.8	31.5	29.1	24.3	26.7
87.5°	23.1	17.6	16.4	14.0	14.6
90°	6.7	2.4	4.9	1.2	4.2
92.5°	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P227499

CATALOG NUMBER: IST-AF-800-LED-E1-RW-8030

**CANDELA DISTRIBUTION (continued):**

	80°	82.5°	85°	87.5°	90°
112.5°	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)