

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: P226588

Luminaire Tested: **IST-AF-600-LED-E1-T4FT-8030**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P226588  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P35943)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: IST-AF-600-LED-E1-T4FT-8030  
Description: IMPACT ELITE LED TRAPEZOID LUMINAIRE  
LIGHT SQUARE WITH ACCULED OPTICS-TYPE IV FORWARD THROW  
Light Source: (16) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

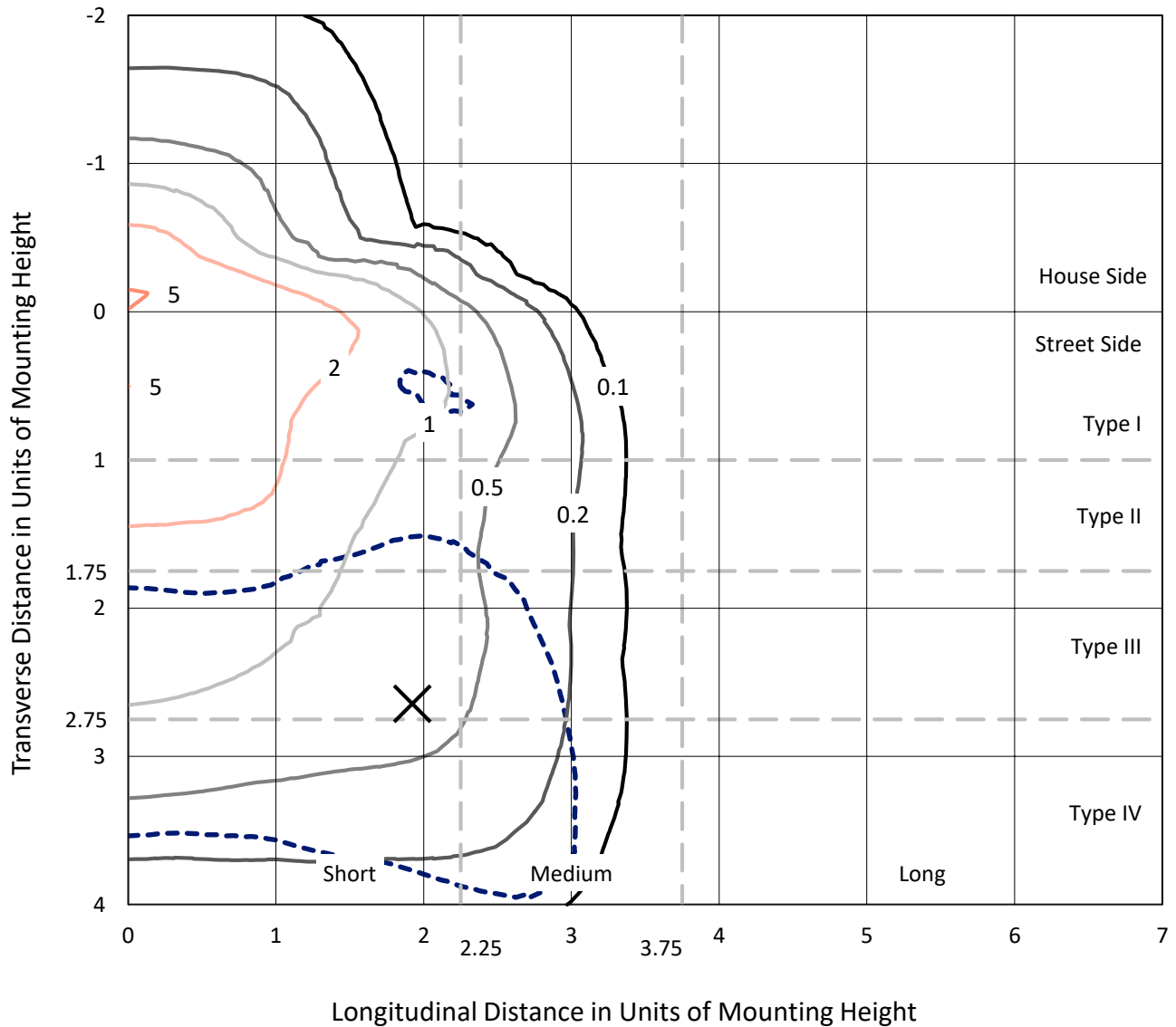
Lumens per Lamp: N/A  
Luminaire Lumens: 3382.2 lumens  
Efficiency: N/A  
Efficacy: 100.4 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B1 - U1 - G1  
  
Input Watts (W): 33.7  
Input Voltage (V): 120  
Input Current (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

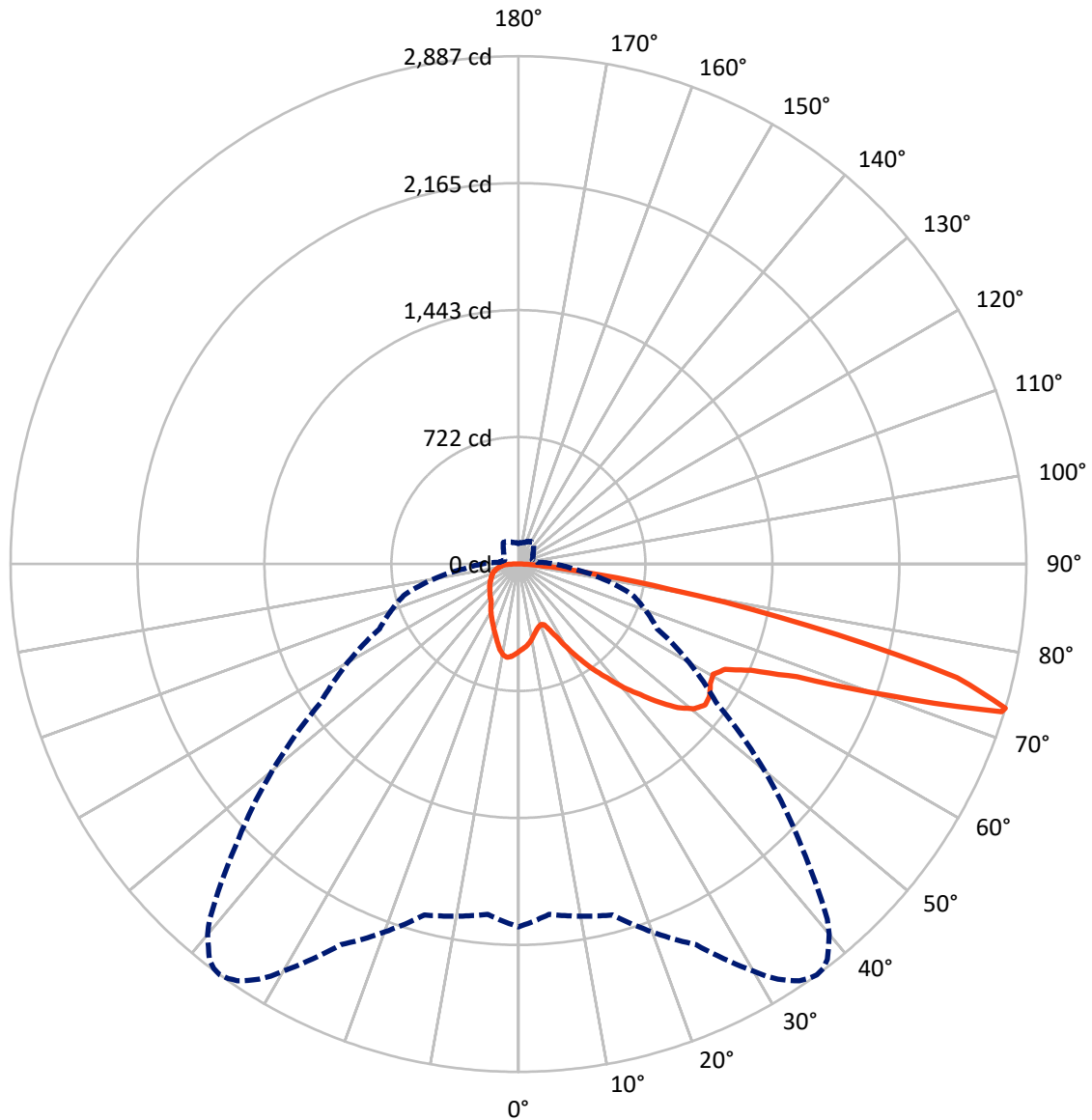
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 5.2 fc  
 Type IV - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 36-Deg Lateral    - - - Horizontal Cone Through 73-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	713.2	0.8	713.9
	% Fixture	21.1	0.0	21.1
<b>Street Side</b>	Lumens	2668.0	0.3	2668.3
	% Fixture	78.9	0.0	78.9
<b>Total</b>	Lumens	3381.2	1.1	3382.2
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	46.8	1.4
10°-20°	123.9	3.7
20°-30°	203.1	6.0
30°-40°	336.4	9.9
40°-50°	494.4	14.6
50°-60°	623.4	18.4
60°-70°	816.4	24.1
70°-80°	660.8	19.5
80°-90°	76.0	2.2
90°-100°	1.1	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°	3381.2	100.0
0°-180°	3382.2	100.0



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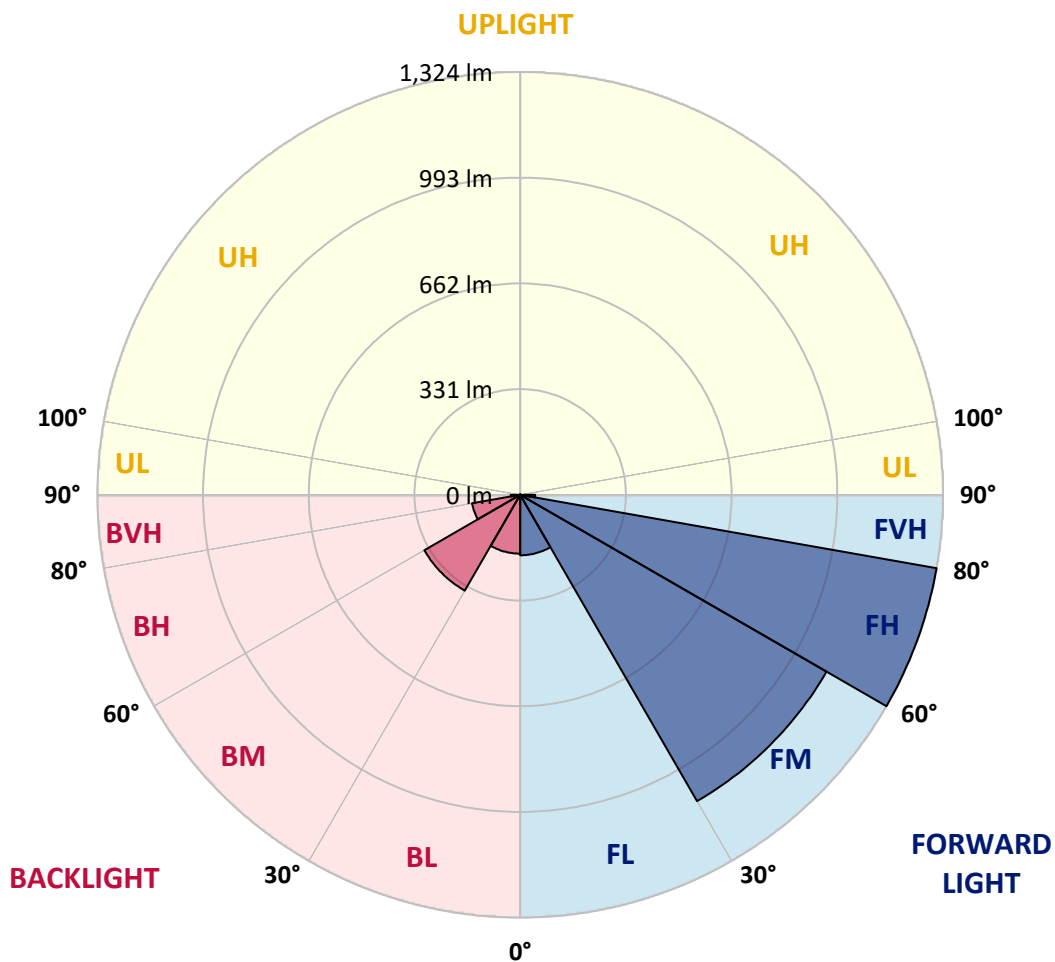
CATALOG NUMBER: IST-AF-600-LED-E1-T4FT-8030

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	189.3	5.6			
FM	(30°-60°)	1107.6	32.7			
FH	(60°-80°)	1324.2	39.2			G1/1800
FVH	(80°-90°)	46.9	1.4			G1/100
BL	(0°-30°)	184.4	5.5	B1/500		
BM	(30°-60°)	346.6	10.2	B1/1000		
BH	(60°-80°)	153.0	4.5	B1/500		G1/500
BVH	(80°-90°)	29.1	0.9			G1/100
UL	(90°-100°)	1.1	0.0		U1/10	
UH	(100°-180°)	0.8	0.0		U1/10	

**BUG Rating: B1-U1-G1**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	30°	31°	32°	33°	34°	35°	36°
0°	496.7	496.7	496.7	496.7	496.7	496.7	496.7	496.7	496.7	496.7	496.7
2.5°	478.8	479.8	480.7	480.7	480.7	482.2	481.7	481.7	482.2	482.7	482.7
5°	460.9	461.3	464.3	465.2	468.1	467.6	467.6	467.6	469.6	468.1	469.1
7.5°	440.5	441.5	444.4	447.8	450.2	450.7	450.2	449.2	451.7	452.6	451.7
10°	416.3	416.8	420.6	423.5	427.4	426.9	428.4	428.4	429.4	428.9	430.8
12.5°	404.2	403.2	401.3	402.7	403.7	403.7	403.7	405.1	404.6	405.6	407.1
15°	402.7	400.3	390.6	387.2	386.2	386.2	385.7	385.3	386.7	388.2	388.2
17.5°	409.5	404.6	385.7	376.1	374.1	373.1	373.6	372.7	372.7	374.6	374.1
20°	442.4	433.7	395.9	374.6	368.8	368.8	368.3	366.8	366.8	367.3	367.3
22.5°	526.3	515.1	449.2	405.1	384.8	384.3	382.8	381.4	377.5	376.5	374.6
25°	643.1	630.0	517.1	469.6	441.0	440.0	432.8	431.8	422.6	423.1	416.8
27.5°	733.7	725.0	607.7	544.7	517.6	511.7	508.4	499.6	491.9	485.6	477.8
30°	764.7	763.3	699.3	648.4	607.7	600.9	591.7	587.8	576.7	568.0	562.6
32.5°	813.7	815.1	788.5	732.2	696.9	690.1	682.3	673.1	665.4	659.5	646.9
35°	883.4	883.9	865.5	823.3	782.6	773.4	769.1	758.4	751.1	743.9	737.6
37.5°	931.9	934.3	921.2	888.8	864.5	851.5	851.0	843.2	835.0	828.7	822.9
40°	1024.9	1011.9	968.7	947.9	928.0	926.6	922.2	917.8	919.8	916.4	922.7
42.5°	1119.0	1102.5	1042.4	1012.8	1000.7	1003.1	1001.7	1002.2	1008.0	1006.5	1013.3
45°	1199.4	1180.5	1123.3	1088.4	1098.1	1101.0	1109.3	1114.1	1111.7	1120.4	1120.4
47.5°	1279.8	1235.7	1167.9	1183.9	1190.7	1213.0	1218.8	1217.3	1225.6	1229.4	1218.8
50°	1223.1	1211.5	1206.2	1255.1	1285.7	1292.9	1301.2	1305.5	1309.4	1304.1	1293.4
52.5°	1103.4	1102.5	1177.6	1297.3	1323.0	1332.7	1340.4	1343.8	1342.4	1339.5	1330.7
55°	1063.2	1055.5	1120.4	1253.7	1292.9	1302.1	1313.3	1320.1	1326.9	1325.9	1319.1
57.5°	1118.0	1111.7	1112.2	1215.4	1253.7	1261.9	1269.2	1276.9	1278.9	1285.2	1285.7
60°	1276.9	1268.7	1202.3	1213.9	1252.7	1261.9	1262.9	1267.2	1267.7	1271.1	1271.6
62.5°	1506.2	1491.1	1389.9	1302.6	1316.2	1320.6	1323.9	1323.0	1321.0	1318.6	1318.6
65°	1757.2	1743.1	1612.8	1511.0	1471.7	1482.4	1465.4	1462.1	1458.2	1458.2	1453.8
67.5°	2055.7	2029.0	1928.2	1813.9	1757.2	1762.5	1770.3	1740.7	1730.0	1731.0	1708.2
70°	2360.0	2331.9	2287.8	2286.4	2315.0	2302.4	2266.5	2314.0	2257.8	2244.2	2239.4
72.5°	2191.9	2158.4	2167.6	2441.4	2698.3	2740.0	2779.7	2816.5	2849.5	2869.4	2872.3
73°	2063.0	1999.5	2065.4	2387.2	2672.1	2733.7	2783.1	2822.3	2857.7	2875.7	2886.8
75°	1030.3	1033.7	1358.4	1969.4	2335.3	2388.1	2465.2	2508.3	2572.3	2605.2	2576.2
77.5°	238.9	247.6	411.4	934.8	1400.0	1475.6	1537.2	1600.2	1674.3	1701.9	1677.7
80°	84.3	88.2	144.9	355.2	584.4	626.1	678.9	748.2	817.0	834.0	876.7
82.5°	44.6	48.9	76.6	154.1	249.6	272.8	286.4	315.0	339.2	353.8	361.5
85°	25.7	26.2	43.6	85.3	114.4	123.6	132.3	139.1	146.8	141.5	141.5
87.5°	10.2	11.1	22.3	40.2	55.2	61.5	61.5	61.5	61.1	53.8	48.9
90°	1.9	2.9	4.4	8.2	7.3	7.3	6.8	5.8	5.3	5.8	3.4
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



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	15°	25°	30°	31°	32°	33°	34°	35°	36°
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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):**

	37°	38°	39°	40°	41°	45°	55°	65°	75°	85°	90°
0°	496.7	496.7	496.7	496.7	496.7	496.7	496.7	496.7	496.7	496.7	496.7
2.5°	483.6	484.1	483.2	485.1	483.6	483.6	486.1	490.4	493.8	494.8	497.7
5°	470.1	470.6	470.6	471.0	470.6	471.5	475.9	479.8	486.5	489.9	494.3
7.5°	452.6	454.1	453.6	454.6	454.6	455.5	462.3	468.6	475.4	481.7	487.0
10°	431.8	432.8	434.7	433.7	433.7	436.6	443.9	453.1	461.3	470.6	476.9
12.5°	407.1	409.5	409.0	410.9	411.9	413.9	426.0	436.1	446.3	457.0	465.2
15°	387.7	389.1	390.1	390.6	390.6	395.0	407.1	419.7	433.2	445.8	454.6
17.5°	375.1	375.1	376.1	376.5	377.5	380.4	393.0	407.1	422.6	438.1	447.8
20°	367.8	367.8	368.3	368.8	368.8	372.2	383.8	399.8	416.8	436.6	448.3
22.5°	373.6	372.2	371.7	371.7	369.8	369.8	380.9	397.9	419.2	444.9	459.9
25°	413.4	409.0	402.2	400.8	398.3	386.7	385.3	404.6	430.8	462.8	485.6
27.5°	473.0	468.6	464.3	458.9	455.0	433.7	404.6	422.1	453.1	498.7	526.8
30°	551.0	542.3	536.0	530.2	513.2	489.9	444.9	449.2	487.5	548.6	584.0
32.5°	638.2	629.0	619.3	605.8	601.4	563.6	505.9	494.3	531.1	606.7	643.6
35°	722.5	718.2	711.4	706.1	695.9	664.4	585.4	548.6	581.5	675.1	703.6
37.5°	820.4	812.2	812.7	808.3	802.5	775.9	667.8	614.0	635.8	740.5	758.4
40°	916.9	914.9	917.8	910.6	900.9	865.0	728.4	662.0	692.5	803.5	799.1
42.5°	1008.0	1009.4	1006.0	997.8	987.1	927.1	767.1	702.7	743.4	858.7	831.6
45°	1112.2	1106.8	1092.8	1078.2	1065.2	980.4	788.0	748.2	792.3	918.3	864.5
47.5°	1210.5	1189.7	1177.6	1155.3	1129.6	1028.8	816.1	796.2	846.6	974.5	896.0
50°	1282.8	1263.4	1243.0	1215.9	1188.7	1071.0	853.4	850.5	908.2	1037.5	939.2
52.5°	1315.7	1297.8	1277.9	1250.3	1223.1	1101.5	903.3	903.3	980.8	1120.9	998.8
55°	1310.4	1297.3	1279.8	1254.6	1233.8	1118.0	954.7	961.5	1071.9	1211.0	1067.6
57.5°	1282.3	1275.0	1264.8	1247.4	1230.4	1130.6	1015.3	1019.6	1194.1	1297.8	1132.5
60°	1272.6	1269.7	1263.9	1253.7	1240.6	1158.2	1079.7	1089.4	1330.7	1377.3	1169.4
62.5°	1315.7	1309.9	1305.5	1295.4	1283.2	1226.1	1160.6	1163.5	1459.1	1386.9	1133.5
65°	1436.9	1426.2	1418.9	1405.4	1391.8	1328.3	1263.9	1232.4	1522.1	1296.3	1011.9
67.5°	1690.8	1673.3	1652.5	1626.8	1589.5	1532.3	1366.1	1242.0	1465.0	1098.1	798.1
70°	2192.8	2155.0	2107.1	2052.3	2038.3	1871.5	1430.1	1170.3	1217.8	767.1	529.2
72.5°	2867.4	2828.2	2785.5	2740.4	2651.3	2284.9	1402.0	944.0	757.4	394.5	252.0
73°	2878.6	2851.9	2800.5	2748.2	2675.5	2277.6	1371.4	870.4	667.8	310.6	206.4
75°	2581.5	2570.8	2520.4	2419.6	2358.1	1923.9	1009.9	504.5	292.2	191.9	134.2
77.5°	1675.3	1663.7	1635.1	1625.4	1512.0	1247.4	452.1	196.3	159.0	127.5	95.0
80°	892.6	838.4	828.7	789.9	707.0	480.2	154.6	120.2	105.6	85.3	66.4
82.5°	362.0	338.7	330.0	299.0	281.1	143.9	77.5	83.4	70.8	50.4	40.7
85°	133.3	122.6	119.7	97.4	85.8	42.6	47.5	58.6	44.1	28.1	20.4
87.5°	46.0	39.7	34.4	26.7	24.7	17.4	26.2	32.0	28.1	17.0	9.7
90°	3.4	2.9	2.4	1.9	2.4	1.9	2.9	4.4	4.8	2.9	1.9
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



REPORT NUMBER: P226588

CATALOG NUMBER: IST-AF-600-LED-E1-T4FT-8030

**CANDELA DISTRIBUTION (continued):**

	37°	38°	39°	40°	41°	45°	55°	65°	75°	85°	90°
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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: P226588

CATALOG NUMBER: IST-AF-600-LED-E1-T4FT-8030

**CANDELA DISTRIBUTION (continued):**

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	496.7	496.7	496.7	496.7	496.7	496.7	496.7	496.7	496.7	496.7
2.5°	498.7	500.6	504.5	507.4	509.8	513.2	514.2	516.1	513.7	516.6
5°	496.7	502.5	509.8	516.6	522.9	528.2	530.6	531.1	531.6	533.6
7.5°	491.9	500.6	512.2	521.4	531.1	534.5	536.0	536.5	533.1	534.5
10°	482.2	496.2	510.8	521.9	526.8	524.3	520.5	514.2	511.3	511.3
12.5°	471.5	489.5	506.4	512.7	508.4	499.1	488.5	476.9	472.5	472.5
15°	462.8	485.6	499.6	495.3	482.7	465.2	450.7	438.6	434.7	433.2
17.5°	458.0	483.6	489.0	475.4	454.1	432.3	417.7	407.6	404.2	404.2
20°	461.8	485.6	476.9	451.7	425.0	405.1	392.5	385.7	382.4	383.8
22.5°	478.3	492.8	466.2	428.4	395.9	379.0	373.1	368.8	368.3	369.3
25°	505.9	502.5	457.0	404.2	368.8	356.7	356.2	354.7	354.2	353.8
27.5°	541.8	514.7	445.8	377.0	341.6	335.8	338.7	338.3	337.8	338.3
30°	589.3	525.3	429.4	347.5	316.0	316.0	320.3	318.9	316.9	317.4
32.5°	633.4	533.1	404.2	314.5	295.6	296.6	298.0	294.2	289.3	290.3
35°	671.2	533.1	370.2	284.9	274.8	274.8	275.7	272.3	268.5	267.0
37.5°	702.7	522.4	327.6	262.7	257.8	257.8	261.7	258.3	251.0	249.6
40°	721.6	499.1	288.3	246.2	249.6	250.1	244.7	238.9	232.1	230.7
42.5°	733.7	465.2	257.3	234.5	244.2	240.4	227.8	218.6	218.1	220.0
45°	744.4	426.9	232.6	222.9	238.4	230.2	213.2	204.5	207.4	209.3
47.5°	755.0	388.7	212.7	209.8	227.8	221.9	204.0	194.3	192.9	195.8
50°	780.2	335.3	190.0	194.3	214.7	212.7	195.8	184.6	175.4	174.9
52.5°	814.1	264.1	170.6	180.8	204.5	207.4	186.6	175.9	163.3	161.4
55°	851.9	202.6	154.6	170.1	194.8	199.7	183.2	167.2	153.6	151.7
57.5°	863.1	159.9	139.6	155.1	181.7	192.4	177.9	157.0	146.8	144.9
60°	824.8	132.8	127.0	142.5	168.6	185.1	169.6	149.3	140.1	138.6
62.5°	708.0	117.3	120.2	134.2	159.0	178.3	163.3	143.4	136.2	135.2
65°	540.3	106.6	114.4	127.5	150.2	172.0	159.0	141.0	135.2	134.2
67.5°	339.2	98.9	108.6	120.2	141.5	165.3	155.6	138.1	133.8	132.3
70°	188.0	90.6	100.8	111.9	132.8	159.0	151.2	133.8	133.3	130.4
72.5°	114.4	81.9	92.6	103.2	123.1	151.2	143.4	128.4	123.6	117.8
73°	109.0	80.9	90.6	101.3	120.7	149.3	142.0	126.5	121.6	115.8
75°	88.2	72.7	82.9	92.1	111.9	141.5	133.8	119.7	111.9	107.6
77.5°	64.9	62.0	71.7	80.4	100.8	130.8	122.1	109.5	100.3	97.9
80°	48.0	51.4	60.6	68.3	88.7	120.2	110.0	97.9	92.1	89.2
82.5°	32.5	39.7	48.5	54.8	78.5	108.6	97.4	85.8	89.7	74.6
85°	18.9	27.6	34.9	42.6	63.0	96.9	84.8	73.2	64.0	57.7
87.5°	12.6	15.5	21.3	29.1	45.6	76.1	67.4	57.2	41.7	41.7
90°	1.5	1.9	2.9	3.4	6.3	32.5	22.3	26.7	4.8	4.4
92.5°	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
97.5°	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
102.5°	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
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P226588

CATALOG NUMBER: IST-AF-600-LED-E1-T4FT-8030

**CANDELA DISTRIBUTION (continued):**

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.5°	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
117.5°	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
122.5°	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
127.5°	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
132.5°	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
137.5°	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
142.5°	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
147.5°	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
152.5°	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
157.5°	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
162.5°	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
167.5°	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
172.5°	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
177.5°	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

(END OF REPORT)