

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: P271649

Luminaire Tested: **IST-AF-600-LED-E1-T4FT-7027**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P271649
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-7027
Description: IMPACT ELITE LED TRAPEZOID LUMINAIRE
LIGHT SQUARE WITH ACCULED OPTICS-TYPE IV FORWARD THROW
Light Source: (16) 2700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3601.1 lumens
Efficiency: N/A
Efficacy: 106.9 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

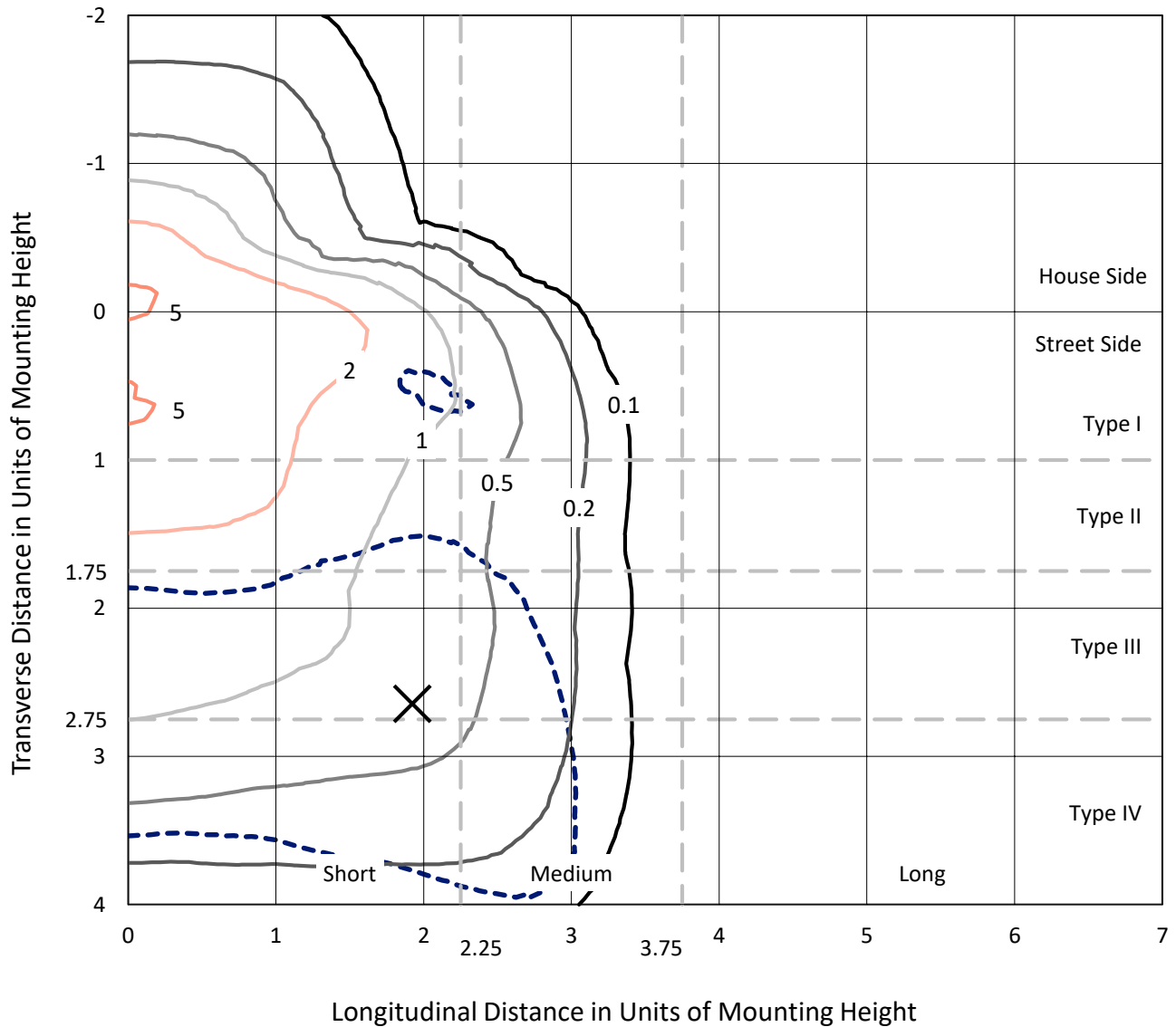
Input Watts (W): 33.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

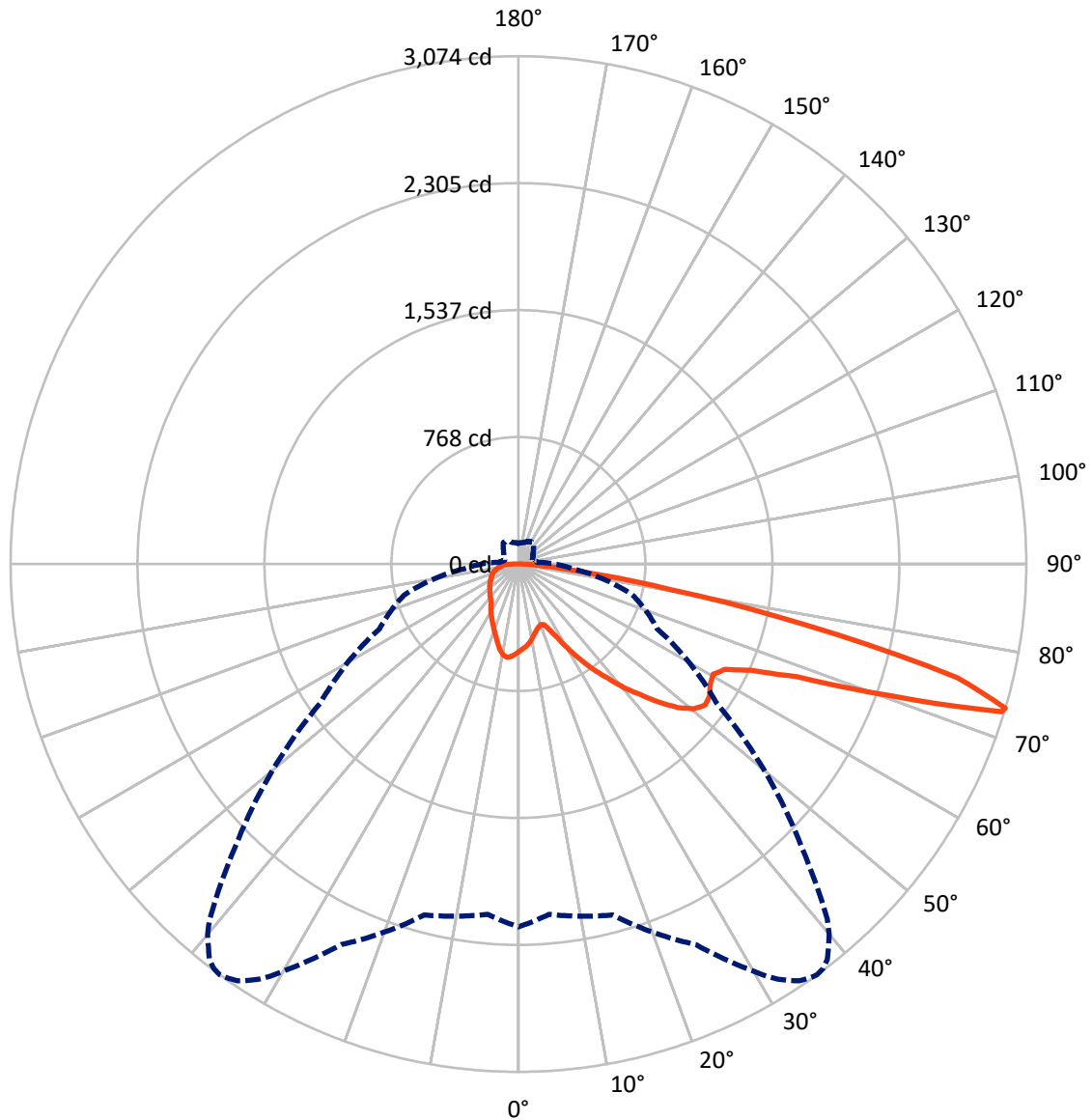
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 5.6 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
House Side	Lumens	759.3	0.8	760.1
	% Fixture	21.1	0.0	21.1
Street Side	Lumens	2840.7	0.3	2841.0
	% Fixture	78.9	0.0	78.9
Total	Lumens	3600.0	1.1	3601.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.8	1.4
10°-20°	131.9	3.7
20°-30°	216.2	6.0
30°-40°	358.2	9.9
40°-50°	526.4	14.6
50°-60°	663.7	18.4
60°-70°	869.2	24.1
70°-80°	703.6	19.5
80°-90°	80.9	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°	3600.0	100.0
0°-180°	3601.1	100.0



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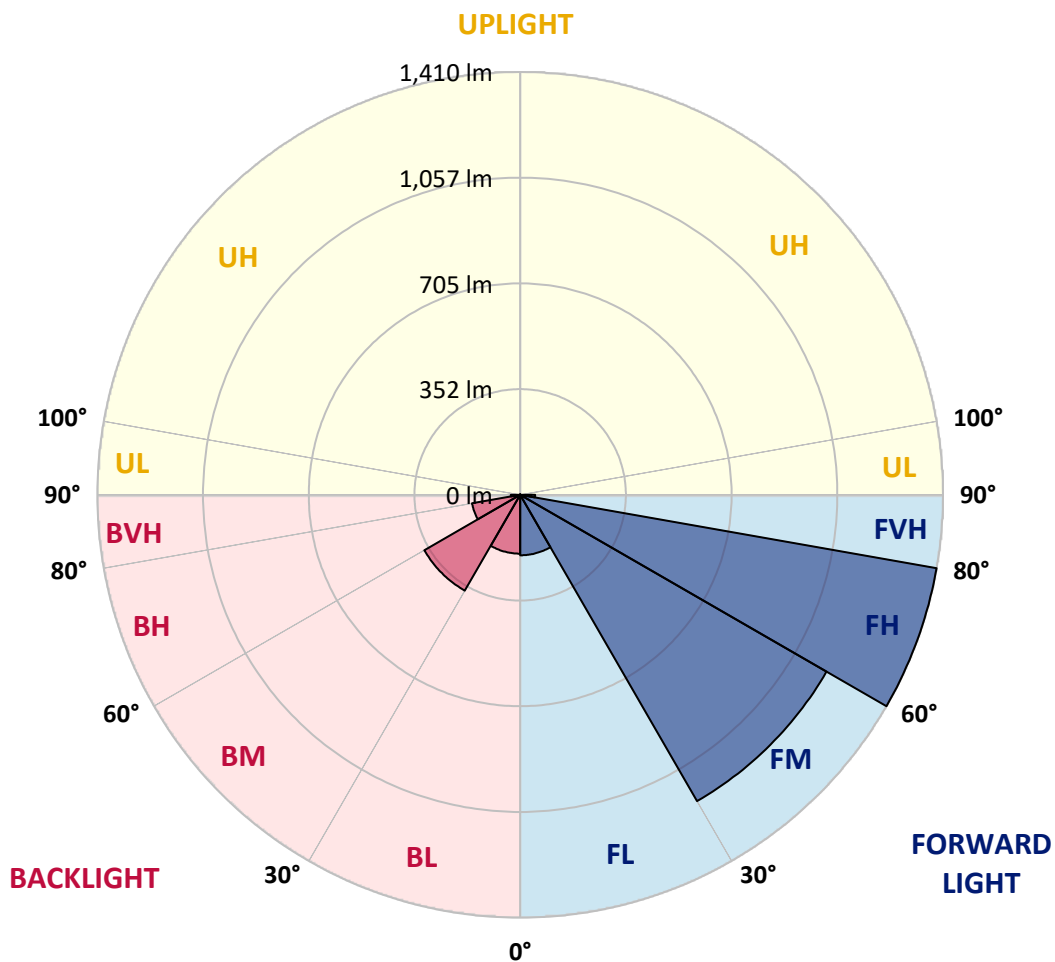
CATALOG NUMBER: IST-AF-600-LED-E1-T4FT-7027

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	201.6	5.6			
FM	(30°-60°)	1179.3	32.7			
FH	(60°-80°)	1409.9	39.2			G1/1800
FVH	(80°-90°)	49.9	1.4			G1/100
BL	(0°-30°)	196.3	5.5	B1/500		
BM	(30°-60°)	369.1	10.2	B1/1000		
BH	(60°-80°)	162.9	4.5	B1/500		G1/500
BVH	(80°-90°)	31.0	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°	528.8	528.8	528.8	528.8	528.8	528.8	528.8	528.8	528.8	528.8	528.8
2.5°	509.8	510.8	511.9	511.9	511.9	513.4	512.8	512.8	513.4	513.9	513.9
5°	490.7	491.2	494.2	495.3	498.4	497.9	497.9	497.9	500.0	498.4	499.5
7.5°	469.1	470.0	473.1	476.7	479.3	479.9	479.3	478.3	481.0	481.9	481.0
10°	443.2	443.8	447.9	450.9	455.1	454.5	456.1	456.1	457.1	456.6	458.7
12.5°	430.3	429.3	427.2	428.9	429.7	429.7	429.7	431.4	430.8	431.8	433.4
15°	428.9	426.2	415.8	412.2	411.2	411.2	410.7	410.2	411.7	413.3	413.3
17.5°	435.9	430.8	410.7	400.4	398.3	397.3	397.8	396.8	396.8	398.8	398.3
20°	471.1	461.8	421.6	398.8	392.6	392.6	392.1	390.7	390.7	391.1	391.1
22.5°	560.4	548.4	478.3	431.4	409.6	409.2	407.7	406.0	401.9	400.9	398.8
25°	684.7	670.8	550.5	500.0	469.5	468.5	460.8	459.8	449.9	450.4	443.8
27.5°	781.2	771.9	647.0	579.9	551.1	544.8	541.3	532.0	523.7	517.1	508.7
30°	814.2	812.7	744.5	690.3	647.0	639.9	630.0	625.8	614.0	604.6	599.0
32.5°	866.3	867.9	839.5	779.5	742.0	734.7	726.5	716.7	708.4	702.3	688.8
35°	940.6	941.2	921.5	876.7	833.3	823.5	818.9	807.5	799.7	792.0	785.3
37.5°	992.2	994.9	980.9	946.3	920.5	906.6	906.0	897.8	889.1	882.3	876.0
40°	1091.4	1077.3	1031.4	1009.2	988.0	986.5	981.8	977.3	979.3	975.6	982.4
42.5°	1191.3	1173.8	1109.9	1078.3	1065.5	1068.1	1066.5	1067.1	1073.3	1071.7	1078.9
45°	1277.0	1256.9	1196.0	1158.8	1169.1	1172.3	1181.0	1186.2	1183.7	1192.9	1192.9
47.5°	1362.7	1315.7	1243.4	1260.5	1267.8	1291.4	1297.6	1296.2	1304.9	1309.0	1297.6
50°	1302.4	1290.0	1284.3	1336.4	1368.8	1376.7	1385.4	1389.9	1394.1	1388.5	1377.1
52.5°	1174.8	1173.8	1253.9	1381.2	1408.6	1419.0	1427.1	1430.8	1429.2	1426.1	1416.9
55°	1132.0	1123.8	1192.9	1334.8	1376.7	1386.4	1398.3	1405.5	1412.8	1411.7	1404.5
57.5°	1190.3	1183.7	1184.1	1294.1	1334.8	1343.5	1351.3	1359.6	1361.7	1368.4	1368.8
60°	1359.6	1350.8	1280.2	1292.5	1333.7	1343.5	1344.7	1349.3	1349.7	1353.4	1353.8
62.5°	1603.7	1587.7	1479.8	1386.9	1401.4	1405.9	1409.6	1408.6	1406.6	1403.9	1403.9
65°	1870.9	1856.0	1717.1	1608.8	1567.0	1578.3	1560.3	1556.7	1552.5	1552.5	1547.9
67.5°	2188.7	2160.3	2053.1	1931.3	1870.9	1876.6	1884.8	1853.3	1842.1	1843.1	1818.8
70°	2512.8	2482.8	2435.8	2434.4	2464.8	2451.4	2413.2	2463.7	2403.9	2389.4	2384.3
72.5°	2333.8	2298.1	2307.9	2599.4	2872.9	2917.2	2959.6	2998.8	3033.8	3055.0	3058.1
73°	2196.4	2128.8	2199.1	2541.7	2845.0	2910.6	2963.1	3005.0	3042.6	3061.7	3073.6
75°	1096.9	1100.5	1446.2	2096.9	2486.5	2542.7	2624.8	2670.6	2738.8	2773.9	2742.9
77.5°	254.4	263.7	438.0	995.3	1490.6	1571.1	1636.6	1703.7	1782.7	1812.2	1786.3
80°	89.8	94.0	154.3	378.2	622.3	666.6	722.9	796.7	869.9	888.0	933.4
82.5°	47.5	52.1	81.6	164.1	265.7	290.5	305.0	335.3	361.2	376.7	384.9
85°	27.4	27.8	46.4	90.8	121.8	131.6	140.9	148.1	156.3	150.6	150.6
87.5°	10.8	11.9	23.7	42.8	58.7	65.6	65.6	65.6	64.9	57.3	52.1
90°	2.1	3.1	4.6	8.7	7.7	7.7	7.3	6.2	5.7	6.2	3.6
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°	528.8	528.8	528.8	528.8	528.8	528.8	528.8	528.8	528.8	528.8	528.8
2.5°	515.0	515.4	514.4	516.4	515.0	515.0	517.5	522.2	525.8	526.8	529.9
5°	500.4	501.1	501.1	501.5	501.1	502.1	506.6	510.8	518.1	521.6	526.2
7.5°	481.9	483.5	483.0	484.0	484.0	485.1	492.2	499.0	506.1	512.8	518.5
10°	459.8	460.8	462.9	461.8	461.8	465.0	472.6	482.4	491.2	501.1	507.7
12.5°	433.4	435.9	435.5	437.6	438.6	440.7	453.6	464.3	475.2	486.5	495.3
15°	412.8	414.3	415.4	415.8	415.8	420.5	433.4	446.9	461.3	474.7	484.0
17.5°	399.4	399.4	400.4	400.9	401.9	405.0	418.4	433.4	449.9	466.4	476.7
20°	391.6	391.6	392.1	392.6	392.6	396.2	408.7	425.7	443.8	465.0	477.3
22.5°	397.8	396.2	395.7	395.7	393.6	393.6	405.6	423.6	446.3	473.7	489.7
25°	440.1	435.5	428.2	426.8	424.1	411.7	410.2	430.8	458.7	492.7	517.1
27.5°	503.6	499.0	494.2	488.6	484.5	461.8	430.8	449.4	482.4	530.9	560.8
30°	586.6	577.4	570.6	564.5	546.3	521.6	473.7	478.3	519.1	584.1	621.8
32.5°	679.6	669.8	659.4	644.9	640.3	600.1	538.6	526.2	565.6	646.0	685.1
35°	769.3	764.6	757.5	751.7	740.9	707.3	623.2	584.1	619.1	718.7	749.2
37.5°	873.5	864.8	865.2	860.7	854.5	826.1	711.0	653.8	677.0	788.4	807.5
40°	976.2	974.1	977.3	969.5	959.2	921.0	775.5	704.8	737.3	855.5	850.9
42.5°	1073.3	1074.7	1071.2	1062.3	1051.1	987.1	816.8	748.2	791.5	914.3	885.4
45°	1184.1	1178.5	1163.6	1148.0	1134.1	1043.8	838.9	796.7	843.6	977.7	920.5
47.5°	1288.9	1266.7	1253.9	1230.0	1202.7	1095.4	868.9	847.7	901.4	1037.6	954.0
50°	1365.7	1345.1	1323.5	1294.5	1265.6	1140.3	908.6	905.5	966.9	1104.6	999.9
52.5°	1400.9	1381.8	1360.7	1331.2	1302.4	1172.7	961.7	961.7	1044.3	1193.5	1063.4
55°	1395.2	1381.2	1362.7	1335.8	1313.6	1190.3	1016.4	1023.7	1141.4	1289.3	1136.6
57.5°	1365.2	1357.5	1346.6	1328.1	1310.1	1203.8	1080.9	1085.6	1271.3	1381.8	1205.9
60°	1354.9	1351.8	1345.6	1334.8	1320.9	1233.1	1149.7	1159.9	1416.9	1466.3	1245.1
62.5°	1400.9	1394.7	1389.9	1379.2	1366.3	1305.3	1235.8	1238.9	1553.6	1476.7	1206.9
65°	1529.8	1518.5	1510.8	1496.3	1481.8	1414.3	1345.6	1312.2	1620.6	1380.2	1077.3
67.5°	1800.2	1781.7	1759.4	1732.1	1692.4	1631.5	1454.5	1322.5	1559.7	1169.1	849.8
70°	2334.8	2294.5	2243.4	2185.1	2170.1	1992.7	1522.5	1246.1	1296.6	816.8	563.5
72.5°	3053.0	3011.2	2965.8	2917.8	2822.8	2432.8	1492.7	1005.1	806.5	420.0	268.3
73°	3064.8	3036.5	2981.7	2926.0	2848.6	2425.1	1460.1	926.7	711.0	330.8	219.7
75°	2748.5	2737.2	2683.6	2576.2	2510.8	2048.3	1075.3	537.2	311.2	204.4	142.9
77.5°	1783.8	1771.3	1740.8	1730.6	1609.9	1328.1	481.4	208.9	169.2	135.7	101.1
80°	950.4	892.6	882.3	841.0	752.8	511.3	164.6	128.0	112.5	90.8	70.7
82.5°	385.5	360.7	351.3	318.4	299.2	153.3	82.6	88.8	75.4	53.7	43.4
85°	141.9	130.5	127.4	103.8	91.3	45.5	50.6	62.4	46.9	29.9	21.6
87.5°	49.0	42.3	36.7	28.4	26.3	18.5	27.8	34.0	29.9	18.1	10.3
90°	3.6	3.1	2.5	2.1	2.5	2.1	3.1	4.6	5.2	3.1	2.1
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: P271649

CATALOG NUMBER: IST-AF-600-LED-E1-T4FT-7027

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: P271649

CATALOG NUMBER: IST-AF-600-LED-E1-T4FT-7027

CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	528.8	528.8	528.8	528.8	528.8	528.8	528.8	528.8	528.8	528.8
2.5°	530.9	533.1	537.2	540.2	542.8	546.3	547.4	549.5	546.9	550.0
5°	528.8	535.1	542.8	550.0	556.7	562.4	564.9	565.6	566.0	568.1
7.5°	523.7	533.1	545.5	555.2	565.6	569.2	570.6	571.2	567.5	569.2
10°	513.4	528.3	543.8	555.7	560.8	558.3	554.2	547.4	544.4	544.4
12.5°	502.1	521.2	539.3	545.9	541.3	531.4	520.1	507.7	503.1	503.1
15°	492.7	517.1	532.0	527.3	513.9	495.3	479.9	467.0	462.9	461.3
17.5°	487.6	515.0	520.6	506.1	483.5	460.2	444.8	433.9	430.3	430.3
20°	491.7	517.1	507.7	481.0	452.5	431.4	417.9	410.7	407.1	408.7
22.5°	509.2	524.7	496.3	456.1	421.6	403.5	397.3	392.6	392.1	393.2
25°	538.6	535.1	486.5	430.3	392.6	379.7	379.3	377.6	377.2	376.7
27.5°	576.8	548.0	474.7	401.5	363.7	357.5	360.7	360.1	359.6	360.1
30°	627.5	559.4	457.1	369.9	336.4	336.4	341.1	339.5	337.4	337.9
32.5°	674.4	567.5	430.3	334.9	314.8	315.8	317.3	313.1	308.0	309.1
35°	714.6	567.5	394.2	303.4	292.6	292.6	293.6	290.0	285.8	284.3
37.5°	748.2	556.2	348.8	279.6	274.5	274.5	278.7	275.0	267.2	265.7
40°	768.3	531.4	307.0	262.1	265.7	266.3	260.6	254.4	247.1	245.6
42.5°	781.2	495.3	273.9	249.7	260.1	255.8	242.5	232.8	232.2	234.3
45°	792.6	454.5	247.7	237.3	253.8	245.1	227.0	217.7	220.8	222.9
47.5°	803.8	413.8	226.6	223.4	242.5	236.3	217.2	206.9	205.4	208.5
50°	830.8	357.1	202.3	206.9	228.6	226.6	208.5	196.5	186.8	186.3
52.5°	866.9	281.2	181.5	192.5	217.7	220.8	198.6	187.3	173.9	171.8
55°	907.1	215.6	164.6	181.1	207.4	212.6	195.0	178.0	163.5	161.4
57.5°	919.0	170.3	148.6	165.1	193.5	204.8	189.4	167.2	156.3	154.3
60°	878.1	141.3	135.1	151.7	179.5	197.1	180.6	158.9	149.1	147.6
62.5°	753.9	124.9	128.0	142.9	169.2	189.9	173.9	152.7	145.0	144.0
65°	575.4	113.5	121.8	135.7	160.0	183.2	169.2	150.2	144.0	142.9
67.5°	361.2	105.2	115.6	128.0	150.6	176.0	165.6	147.1	142.4	140.9
70°	200.2	96.5	107.3	119.1	141.3	169.2	161.0	142.4	141.9	138.8
72.5°	121.8	87.1	98.5	110.0	131.1	161.0	152.7	136.7	131.6	125.3
73°	116.2	86.1	96.5	107.9	128.5	158.9	151.2	134.7	129.5	123.2
75°	94.0	77.4	88.2	98.1	119.1	150.6	142.4	127.4	119.1	114.5
77.5°	69.1	66.0	76.4	85.7	107.3	139.2	130.1	116.6	106.8	104.2
80°	51.0	54.7	64.5	72.8	94.4	128.0	117.0	104.2	98.1	95.0
82.5°	34.6	42.3	51.7	58.3	83.6	115.6	103.8	91.3	95.5	79.5
85°	20.1	29.5	37.2	45.5	67.0	103.1	90.3	78.0	68.1	61.4
87.5°	13.5	16.5	22.6	30.9	48.5	80.9	71.8	60.8	44.4	44.4
90°	1.5	2.1	3.1	3.6	6.6	34.6	23.7	28.4	5.2	4.6
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: P271649
 CATALOG NUMBER: IST-AF-600-LED-E1-T4FT-7027

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)