

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: P226596

Luminaire Tested: **IST-AF-800-LED-E1-T4FT-7030**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P226596  
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-800-LED-E1-T4FT-7030  
Description: IMPACT ELITE LED TRAPEZOID LUMINAIRE  
LIGHT SQUARE WITH ACCULED OPTICS-TYPE IV FORWARD THROW  
Light Source: (16) 3000K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4592.8 lumens  
Efficiency: N/A  
Efficacy: 105.6 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

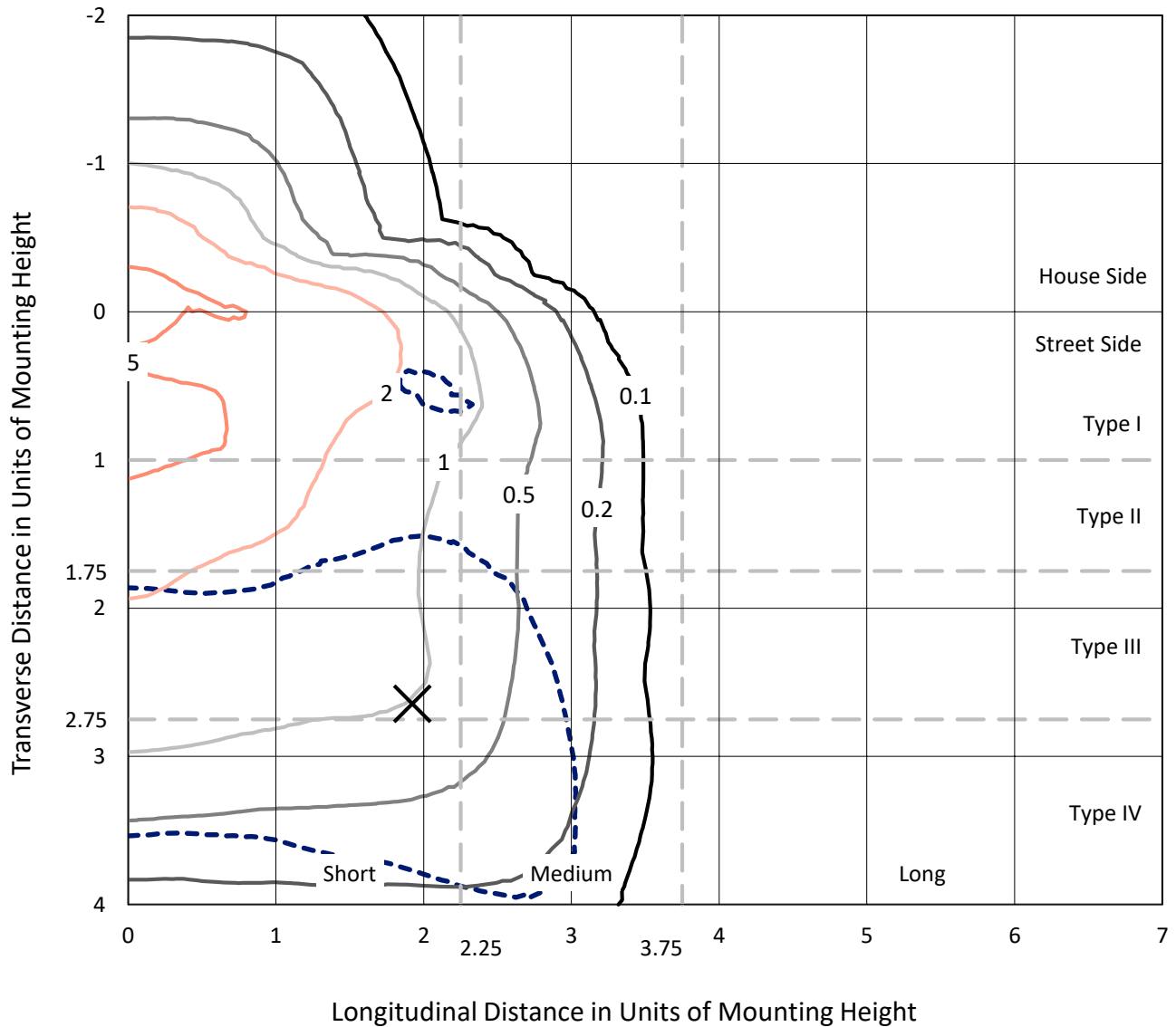
Input Watts (W): 43.5  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Footcandle Lines of Horizontal Illumination

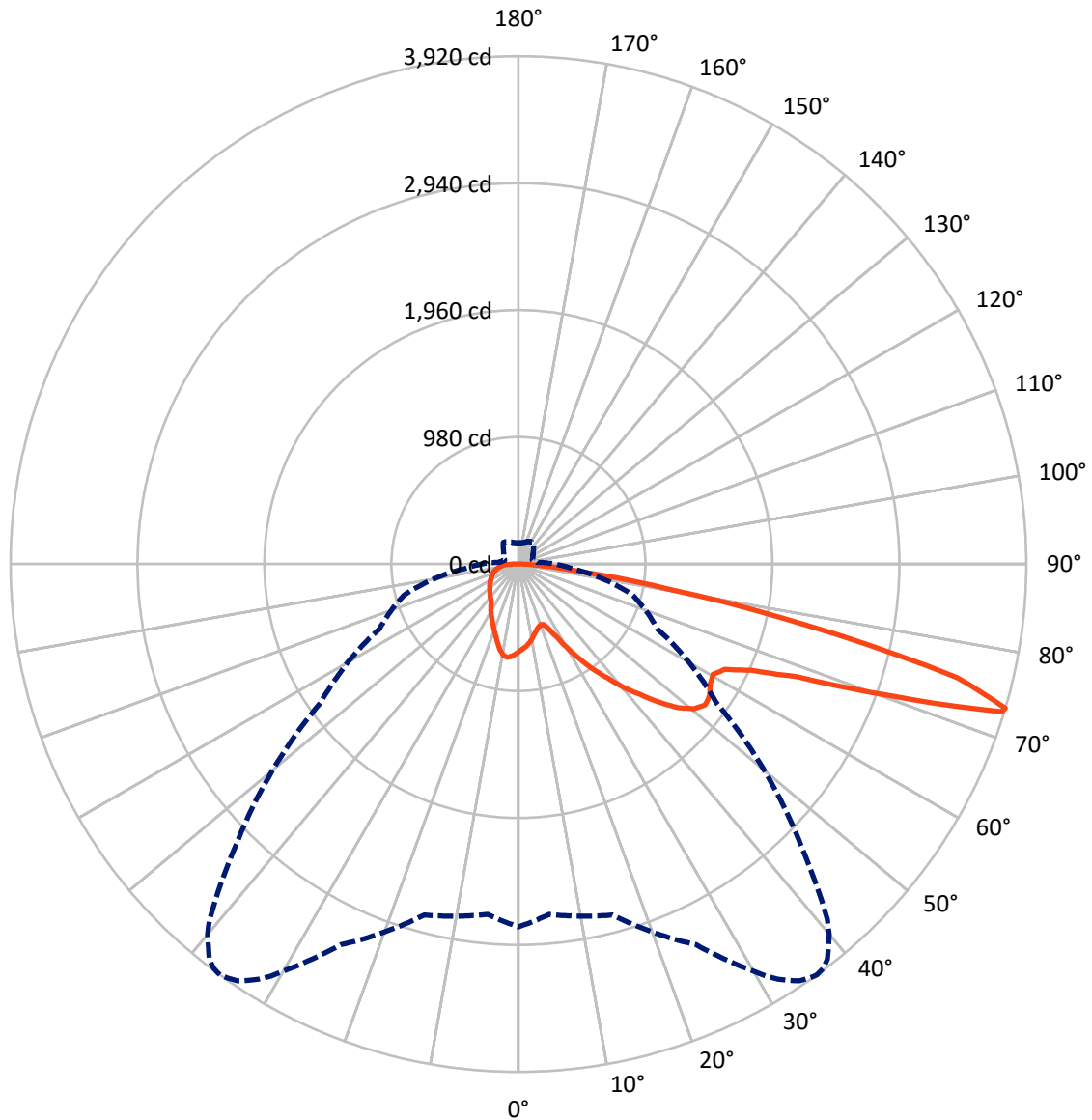
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 7.1 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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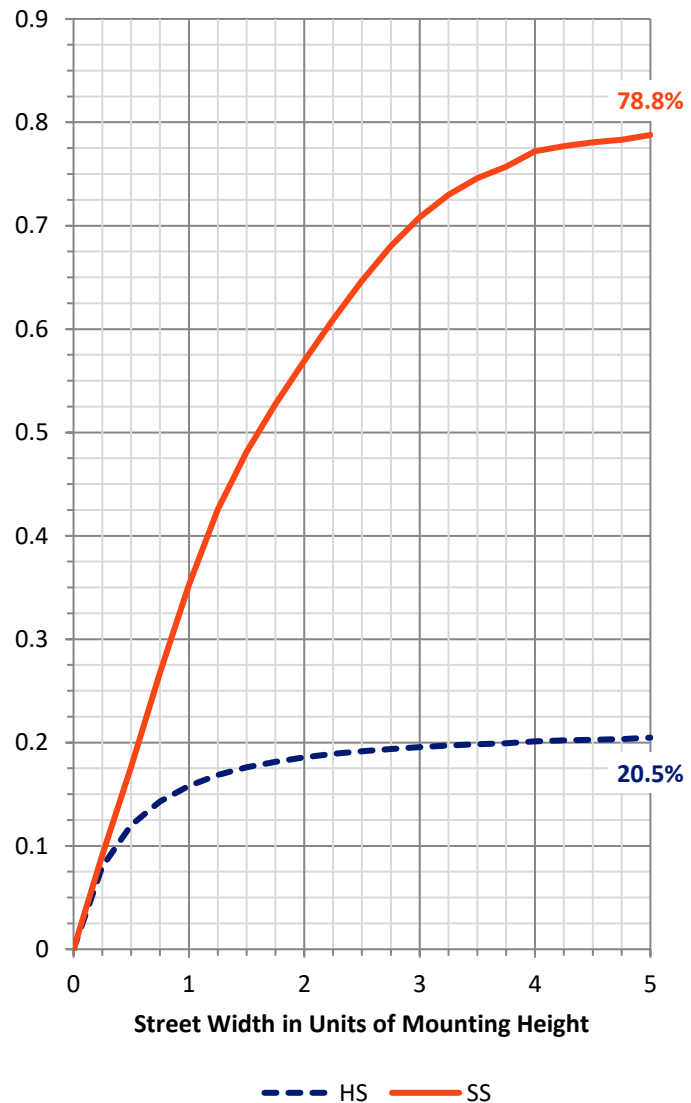
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	968.4	1.1	969.5
	% Fixture	21.1	0.0	21.1
<b>Street Side</b>	Lumens	3623.0	0.4	3623.3
	% Fixture	78.9	0.0	78.9
<b>Total</b>	Lumens	4591.4	1.4	4592.8
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	63.5	1.4
10°-20°	168.3	3.7
20°-30°	275.7	6.0
30°-40°	456.9	9.9
40°-50°	671.4	14.6
50°-60°	846.5	18.4
60°-70°	1108.5	24.1
70°-80°	897.4	19.5
80°-90°	103.2	2.2
90°-100°	1.4	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°	4591.4	100.0
0°-180°	4592.8	100.0



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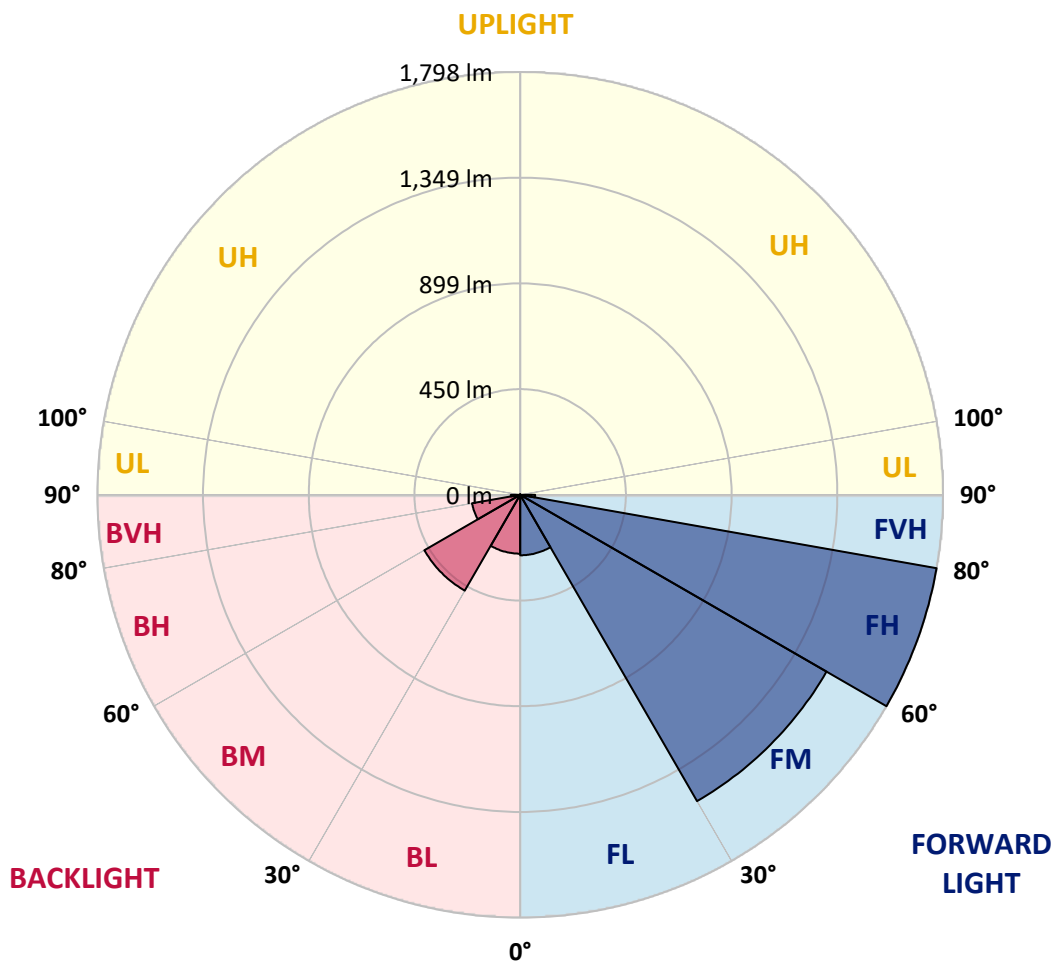
CATALOG NUMBER: IST-AF-800-LED-E1-T4FT-7030

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	257.1	5.6			
FM	(30°-60°)	1504.1	32.7			
FH	(60°-80°)	1798.1	39.2			G1/1800
FVH	(80°-90°)	63.7	1.4			G1/100
BL	(0°-30°)	250.4	5.5	B1/500		
BM	(30°-60°)	470.7	10.2	B1/1000		
BH	(60°-80°)	207.8	4.5	B1/500		G1/500
BVH	(80°-90°)	39.6	0.9			G1/100
UL	(90°-100°)	1.4	0.0		U1/10	
UH	(100°-180°)	1.1	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°	674.5	674.5	674.5	674.5	674.5	674.5	674.5	674.5	674.5	674.5	674.5
2.5°	650.2	651.5	652.8	652.8	652.8	654.8	654.1	654.1	654.8	655.4	655.4
5°	625.8	626.5	630.4	631.7	635.7	635.0	635.0	635.0	637.7	635.7	637.0
7.5°	598.2	599.5	603.4	608.0	611.3	612.0	611.3	610.0	613.3	614.6	613.3
10°	565.3	565.9	571.2	575.1	580.4	579.8	581.7	581.7	583.0	582.4	585.0
12.5°	548.8	547.5	544.9	546.8	548.2	548.2	548.2	550.1	549.5	550.8	552.8
15°	546.8	543.6	530.4	525.8	524.5	524.5	523.8	523.2	525.1	527.1	527.1
17.5°	556.1	549.5	523.8	510.7	508.0	506.7	507.4	506.0	506.0	508.7	508.0
20°	600.8	589.0	537.6	508.7	500.8	500.8	500.1	498.2	498.2	498.8	498.8
22.5°	714.7	699.5	610.0	550.1	522.5	521.8	519.9	517.9	512.6	511.3	508.7
25°	873.2	855.5	702.1	637.7	598.8	597.5	587.6	586.3	573.8	574.5	565.9
27.5°	996.3	984.5	825.2	739.7	702.8	694.9	690.3	678.5	667.9	659.4	648.8
30°	1038.4	1036.4	949.6	880.5	825.2	816.0	803.5	798.2	783.1	771.2	764.0
32.5°	1104.9	1106.9	1070.7	994.3	946.3	937.1	926.5	914.0	903.5	895.6	878.5
35°	1199.6	1200.3	1175.3	1118.0	1062.8	1050.3	1044.3	1029.9	1020.0	1010.1	1001.6
37.5°	1265.4	1268.7	1251.0	1206.9	1174.0	1156.2	1155.6	1145.0	1133.8	1125.3	1117.4
40°	1391.8	1374.0	1315.5	1287.2	1260.2	1258.2	1252.3	1246.4	1249.0	1244.4	1252.9
42.5°	1519.5	1497.1	1415.5	1375.3	1358.9	1362.2	1360.2	1360.9	1368.8	1366.8	1376.0
45°	1628.7	1603.0	1525.4	1478.0	1491.2	1495.1	1506.3	1512.9	1509.6	1521.4	1521.4
47.5°	1737.9	1678.1	1585.9	1607.6	1616.9	1647.1	1655.0	1653.0	1664.2	1669.5	1655.0
50°	1660.9	1645.1	1637.9	1704.4	1745.8	1755.7	1766.9	1772.8	1778.1	1770.8	1756.4
52.5°	1498.4	1497.1	1599.1	1761.6	1796.5	1809.7	1820.2	1824.8	1822.8	1818.9	1807.0
55°	1443.8	1433.3	1521.4	1702.4	1755.7	1768.2	1783.3	1792.6	1801.8	1800.5	1791.2
57.5°	1518.1	1509.6	1510.2	1650.4	1702.4	1713.6	1723.5	1734.0	1736.6	1745.2	1745.8
60°	1734.0	1722.8	1632.6	1648.4	1701.1	1713.6	1714.9	1720.8	1721.5	1726.1	1726.7
62.5°	2045.2	2024.8	1887.3	1768.9	1787.3	1793.2	1797.8	1796.5	1793.9	1790.6	1790.6
65°	2386.1	2367.0	2190.0	2051.8	1998.5	2013.0	1990.0	1985.4	1980.1	1980.1	1974.2
67.5°	2791.5	2755.3	2618.4	2463.1	2386.1	2393.4	2403.9	2363.7	2349.3	2350.6	2319.7
70°	3204.7	3166.6	3106.7	3104.7	3143.5	3126.4	3077.7	3142.2	3065.9	3047.5	3040.9
72.5°	2976.4	2931.0	2943.5	3315.3	3664.1	3720.7	3774.6	3824.6	3869.4	3896.4	3900.3
73°	2801.4	2715.2	2804.6	3241.6	3628.5	3712.1	3779.2	3832.5	3880.6	3904.9	3920.1
75°	1399.0	1403.6	1844.5	2674.4	3171.2	3242.9	3347.5	3406.1	3493.0	3537.7	3498.2
77.5°	324.4	336.3	558.7	1269.4	1901.1	2003.8	2087.4	2172.9	2273.6	2311.1	2278.2
80°	114.5	119.8	196.8	482.4	793.6	850.2	921.9	1016.0	1109.5	1132.5	1190.4
82.5°	60.5	66.5	104.0	209.3	338.9	370.5	388.9	427.7	460.6	480.4	490.9
85°	34.9	35.5	59.2	115.8	155.3	167.8	179.7	188.9	199.4	192.2	192.2
87.5°	13.8	15.1	30.3	54.6	75.0	83.6	83.6	83.6	82.9	73.0	66.5
90°	2.6	3.9	5.9	11.2	9.9	9.9	9.2	7.9	7.2	7.9	4.6
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°	674.5	674.5	674.5	674.5	674.5	674.5	674.5	674.5	674.5	674.5	674.5
2.5°	656.7	657.4	656.1	658.7	656.7	656.7	660.0	666.0	670.6	671.9	675.8
5°	638.3	639.0	639.0	639.6	639.0	640.3	646.2	651.5	660.7	665.3	671.2
7.5°	614.6	616.6	615.9	617.3	617.3	618.6	627.8	636.3	645.6	654.1	661.3
10°	586.3	587.6	590.3	589.0	589.0	592.9	602.8	615.3	626.5	639.0	647.5
12.5°	552.8	556.1	555.4	558.0	559.4	562.0	578.4	592.3	606.1	620.5	631.7
15°	526.4	528.4	529.7	530.4	530.4	536.3	552.8	569.9	588.3	605.4	617.3
17.5°	509.3	509.3	510.7	511.3	512.6	516.6	533.7	552.8	573.8	594.9	608.0
20°	499.5	499.5	500.1	500.8	500.8	505.4	521.2	542.9	565.9	592.9	608.7
22.5°	507.4	505.4	504.7	504.7	502.1	502.1	517.2	540.3	569.2	604.1	624.5
25°	561.3	555.4	546.2	544.2	540.9	525.1	523.2	549.5	585.0	628.4	659.4
27.5°	642.3	636.3	630.4	623.2	617.9	589.0	549.5	573.2	615.3	677.1	715.3
30°	748.2	736.4	727.8	719.9	696.9	665.3	604.1	610.0	662.0	744.9	793.0
32.5°	866.7	854.2	841.0	822.6	816.7	765.3	687.0	671.2	721.2	823.9	873.9
35°	981.2	975.2	966.0	958.8	945.0	902.2	794.9	744.9	789.7	916.7	955.5
37.5°	1114.1	1102.9	1103.6	1097.6	1089.7	1053.6	906.8	833.8	863.4	1005.5	1029.9
40°	1245.0	1242.4	1246.4	1236.5	1223.3	1174.6	989.1	898.9	940.4	1091.1	1085.1
42.5°	1368.8	1370.7	1366.1	1354.9	1340.5	1258.9	1041.7	954.2	1009.5	1166.1	1129.2
45°	1510.2	1503.0	1483.9	1464.2	1446.4	1331.3	1070.0	1016.0	1075.9	1247.0	1174.0
47.5°	1643.8	1615.5	1599.1	1568.8	1533.9	1397.1	1108.2	1081.2	1149.6	1323.4	1216.8
50°	1741.9	1715.6	1687.9	1651.1	1614.2	1454.3	1158.8	1154.9	1233.2	1408.9	1275.3
52.5°	1786.6	1762.3	1735.3	1697.8	1660.9	1495.8	1226.6	1226.6	1331.9	1522.1	1356.3
55°	1779.4	1761.6	1737.9	1703.7	1675.4	1518.1	1296.4	1305.6	1455.6	1644.5	1449.7
57.5°	1741.2	1731.4	1717.5	1693.8	1670.8	1535.3	1378.6	1384.6	1621.5	1762.3	1537.9
60°	1728.1	1724.1	1716.2	1702.4	1684.6	1572.8	1466.2	1479.3	1807.0	1870.2	1587.9
62.5°	1786.6	1778.7	1772.8	1759.0	1742.5	1664.9	1576.1	1580.0	1981.4	1883.4	1539.2
65°	1951.1	1936.7	1926.8	1908.4	1889.9	1803.7	1716.2	1673.4	2067.0	1760.3	1374.0
67.5°	2296.0	2272.3	2244.0	2209.1	2158.4	2080.8	1855.1	1686.6	1989.3	1491.2	1083.8
70°	2977.7	2926.4	2861.2	2786.9	2767.8	2541.4	1941.9	1589.2	1653.7	1041.7	718.6
72.5°	3893.7	3840.4	3782.5	3721.3	3600.2	3102.7	1903.8	1281.9	1028.5	535.7	342.2
73°	3908.9	3872.7	3802.9	3731.9	3633.1	3092.9	1862.3	1181.9	906.8	421.8	280.3
75°	3505.5	3491.0	3422.6	3285.7	3202.1	2612.5	1371.4	685.0	396.8	260.6	182.3
77.5°	2274.9	2259.1	2220.3	2207.1	2053.1	1693.8	614.0	266.5	215.8	173.1	129.0
80°	1212.1	1138.4	1125.3	1072.6	960.1	652.1	209.9	163.2	143.5	115.8	90.2
82.5°	491.6	460.0	448.1	406.0	381.7	195.4	105.3	113.2	96.1	68.4	55.3
85°	181.0	166.5	162.5	132.3	116.5	57.9	64.5	79.6	59.9	38.2	27.6
87.5°	62.5	54.0	46.7	36.2	33.6	23.7	35.5	43.4	38.2	23.0	13.2
90°	4.6	3.9	3.3	2.6	3.3	2.6	3.9	5.9	6.6	3.9	2.6
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



REPORT NUMBER: P226596

CATALOG NUMBER: IST-AF-800-LED-E1-T4FT-7030

**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: P226596

CATALOG NUMBER: IST-AF-800-LED-E1-T4FT-7030

**CANDELA DISTRIBUTION (continued):**

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	674.5	674.5	674.5	674.5	674.5	674.5	674.5	674.5	674.5	674.5
2.5°	677.1	679.8	685.0	689.0	692.3	696.9	698.2	700.8	697.5	701.5
5°	674.5	682.4	692.3	701.5	710.0	717.3	720.6	721.2	721.9	724.5
7.5°	667.9	679.8	695.6	708.1	721.2	725.8	727.8	728.5	723.9	725.8
10°	654.8	673.9	693.6	708.7	715.3	712.0	706.8	698.2	694.3	694.3
12.5°	640.3	664.6	687.7	696.2	690.3	677.8	663.3	647.5	641.6	641.6
15°	628.4	659.4	678.5	672.5	655.4	631.7	612.0	595.5	590.3	588.3
17.5°	621.9	656.7	664.0	645.6	616.6	587.0	567.2	553.4	548.8	548.8
20°	627.1	659.4	647.5	613.3	577.1	550.1	533.0	523.8	519.2	521.2
22.5°	649.5	669.2	633.1	581.7	537.6	514.6	506.7	500.8	500.1	501.4
25°	687.0	682.4	620.5	548.8	500.8	484.3	483.7	481.7	481.0	480.4
27.5°	735.7	698.9	605.4	512.0	463.9	456.0	460.0	459.3	458.7	459.3
30°	800.2	713.3	583.0	471.8	429.1	429.1	435.0	433.0	430.4	431.0
32.5°	860.1	723.9	548.8	427.1	401.4	402.7	404.7	399.4	392.9	394.2
35°	911.4	723.9	502.8	386.9	373.1	373.1	374.4	369.8	364.6	362.6
37.5°	954.2	709.4	444.8	356.7	350.1	350.1	355.4	350.7	340.9	338.9
40°	979.9	677.8	391.5	334.3	338.9	339.6	332.3	324.4	315.2	313.2
42.5°	996.3	631.7	349.4	318.5	331.7	326.4	309.3	296.8	296.1	298.8
45°	1010.8	579.8	315.9	302.7	323.8	312.6	289.5	277.7	281.6	284.3
47.5°	1025.3	527.8	288.9	284.9	309.3	301.4	277.0	263.9	261.9	265.9
50°	1059.5	455.4	258.0	263.9	291.5	288.9	265.9	250.7	238.2	237.6
52.5°	1105.5	358.6	231.6	245.5	277.7	281.6	253.4	238.9	221.8	219.1
55°	1156.9	275.1	209.9	231.0	264.5	271.1	248.7	227.0	208.6	206.0
57.5°	1172.0	217.2	189.5	210.6	246.8	261.2	241.5	213.2	199.4	196.8
60°	1120.0	180.3	172.4	193.5	229.0	251.4	230.3	202.7	190.2	188.2
62.5°	961.4	159.3	163.2	182.3	215.8	242.2	221.8	194.8	184.9	183.6
65°	733.7	144.8	155.3	173.1	204.0	233.6	215.8	191.5	183.6	182.3
67.5°	460.6	134.2	147.4	163.2	192.2	224.4	211.2	187.5	181.6	179.7
70°	255.3	123.1	136.9	152.0	180.3	215.8	205.3	181.6	181.0	177.0
72.5°	155.3	111.2	125.7	140.2	167.1	205.3	194.8	174.4	167.8	159.9
73°	148.1	109.9	123.1	137.5	163.9	202.7	192.8	171.8	165.2	157.3
75°	119.8	98.7	112.5	125.0	152.0	192.2	181.6	162.5	152.0	146.1
77.5°	88.2	84.2	97.4	109.2	136.9	177.7	165.8	148.7	136.2	132.9
80°	65.1	69.8	82.3	92.8	120.4	163.2	149.4	132.9	125.0	121.1
82.5°	44.1	54.0	65.8	74.4	106.6	147.4	132.3	116.5	121.7	101.3
85°	25.7	37.5	47.4	57.9	85.5	131.6	115.2	99.4	86.9	78.3
87.5°	17.1	21.1	29.0	39.5	61.9	103.3	91.5	77.7	56.6	56.6
90°	2.0	2.6	3.9	4.6	8.6	44.1	30.3	36.2	6.6	5.9
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: P226596  
 CATALOG NUMBER: IST-AF-800-LED-E1-T4FT-7030

**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)