

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: P226618

Luminaire Tested: **IST-AF-1000-LED-E1-T4FT**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P226618  
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-1000-LED-E1-T4FT  
Description: IMPACT ELITE LED TRAPEZOID LUMINAIRE  
LIGHT SQUARE WITH ACCULED OPTICS-TYPE IV FORWARD THROW  
Light Source: (16) 4000K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6273.6 lumens  
Efficiency: N/A  
Efficacy: 114.9 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 - G2

Input Watts (W): 54.6  
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

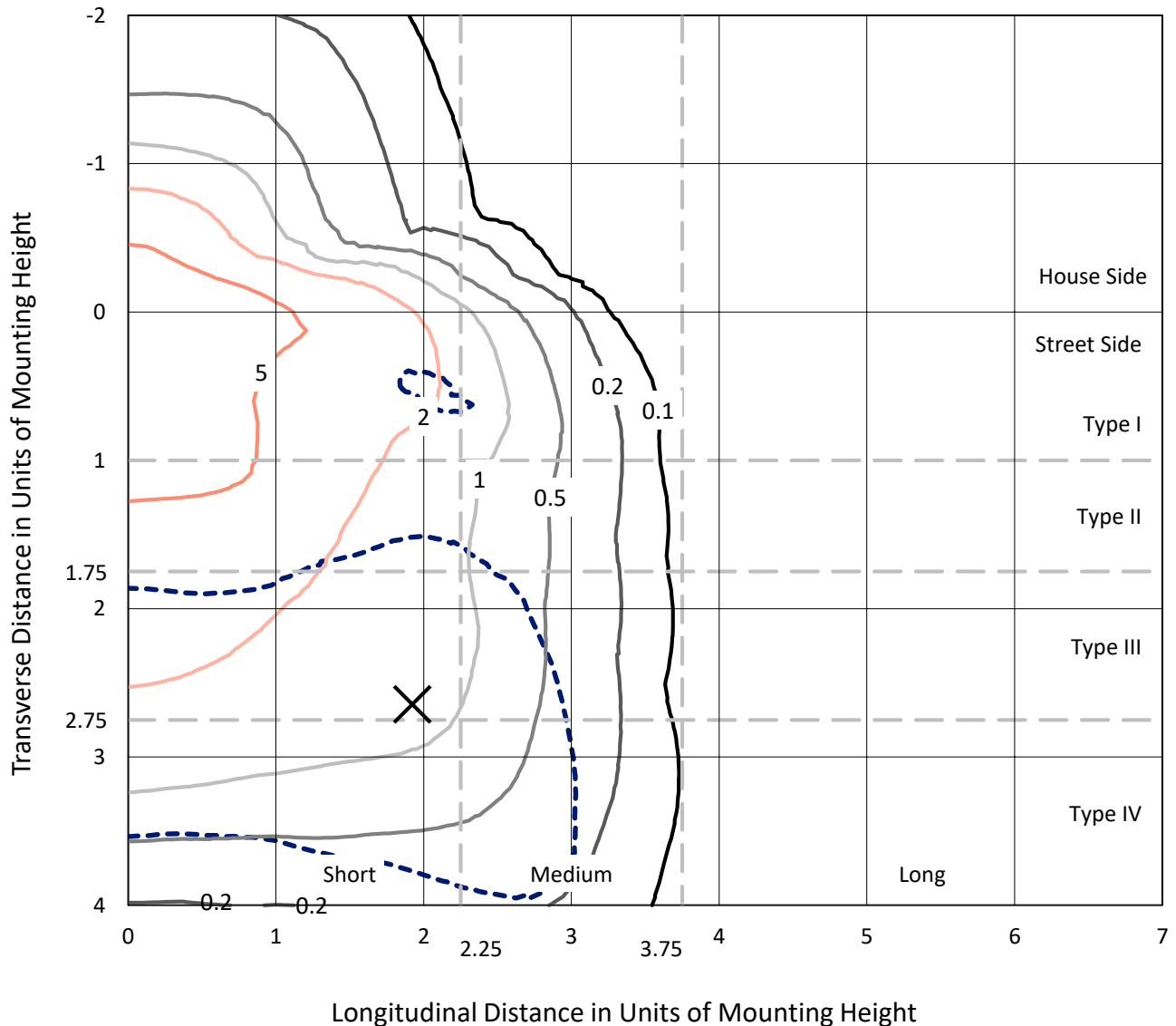


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### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

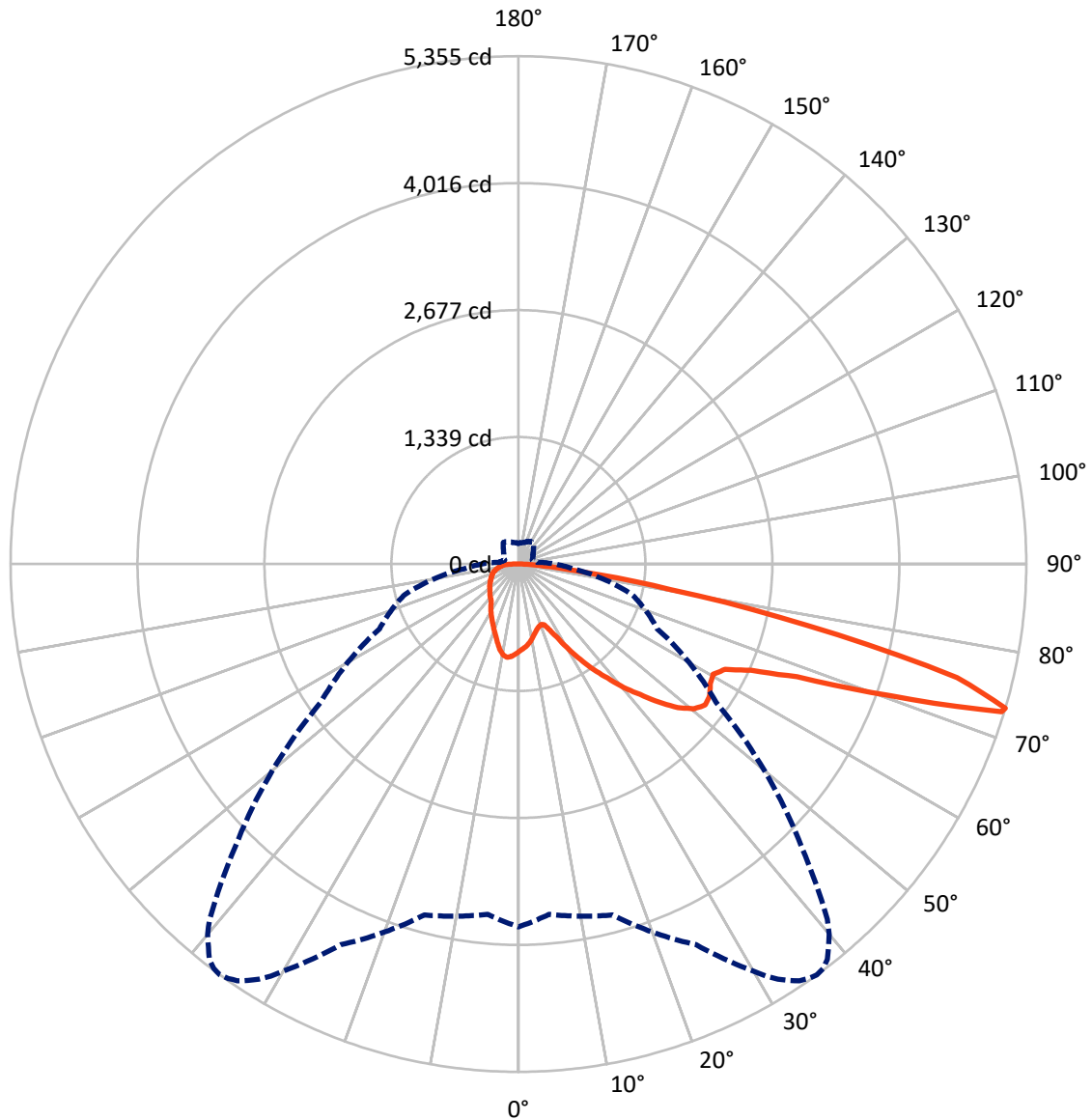


Based on 10 foot mounting height. Maximum calculated value = 9.7 fc  
 Type IV - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



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

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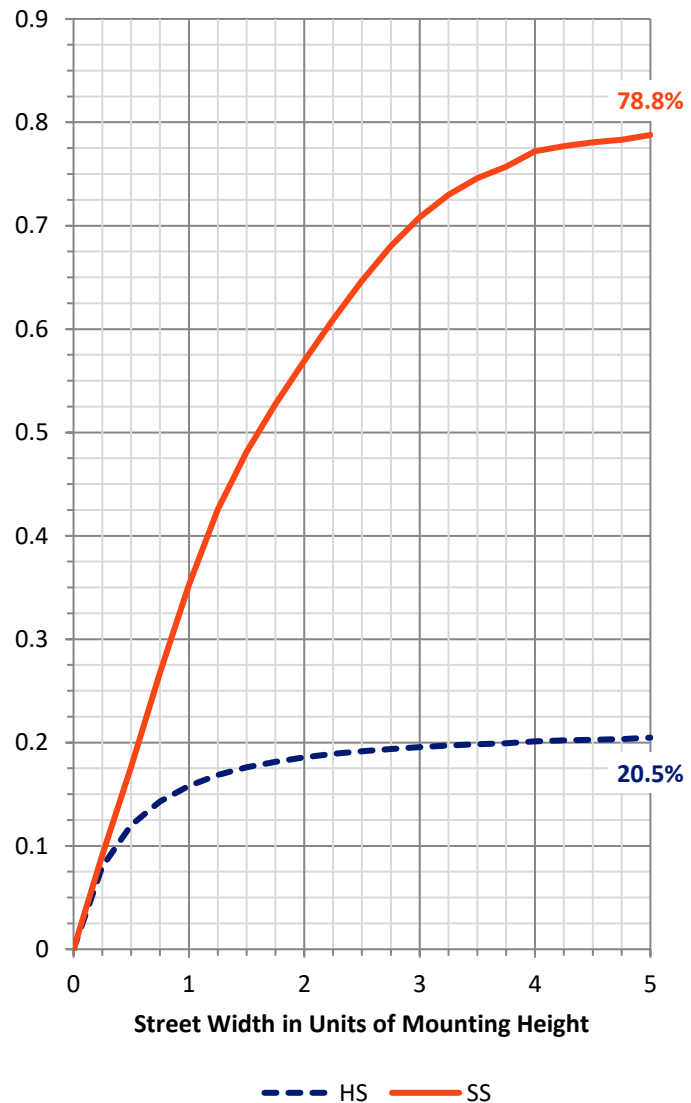
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1322.8	1.4	1324.3
	% Fixture	21.1	0.0	21.1
<b>Street Side</b>	Lumens	4948.8	0.5	4949.3
	% Fixture	78.9	0.0	78.9
<b>Total</b>	Lumens	6271.6	2.0	6273.6
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	86.7	1.4
10°-20°	229.8	3.7
20°-30°	376.6	6.0
30°-40°	624.0	9.9
40°-50°	917.1	14.6
50°-60°	1156.3	18.4
60°-70°	1514.2	24.1
70°-80°	1225.8	19.5
80°-90°	141.0	2.2
90°-100°	2.0	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°	6271.6	100.0
0°-180°	6273.6	100.0



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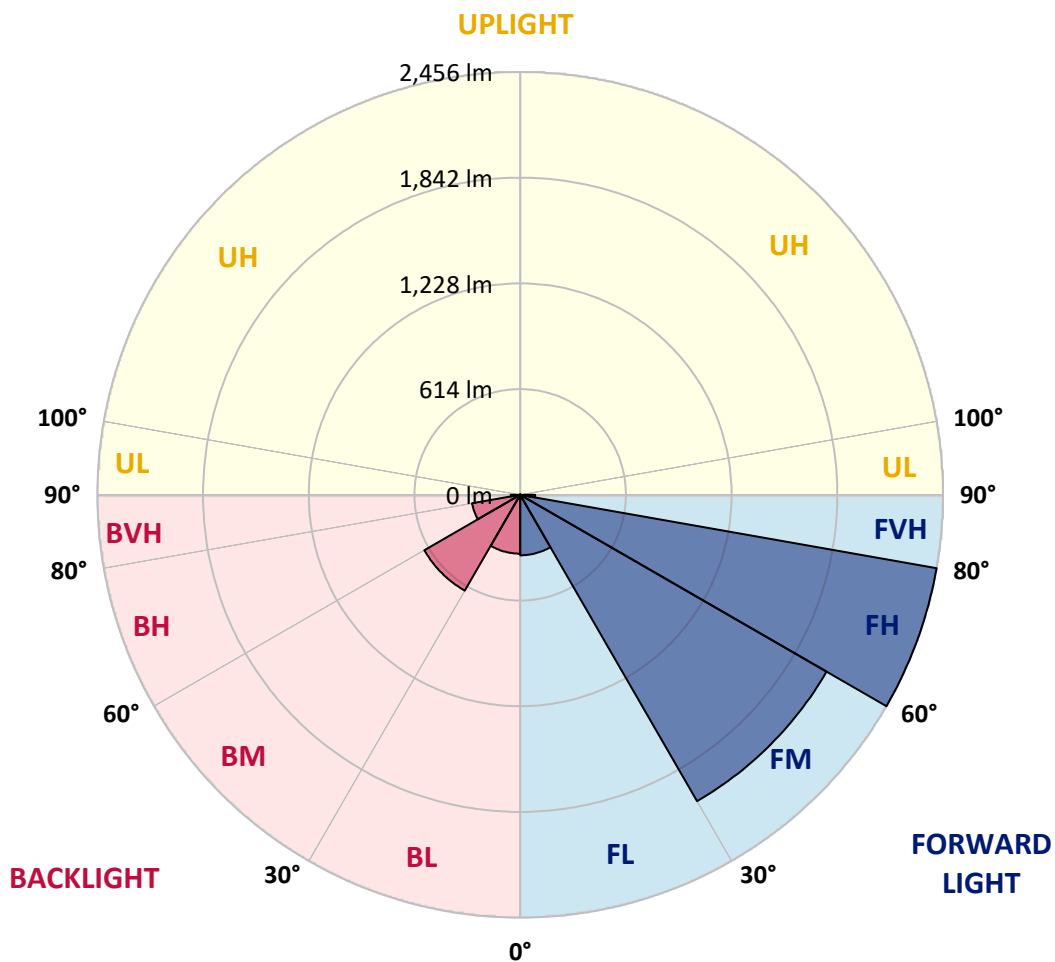
CATALOG NUMBER: IST-AF-1000-LED-E1-T4FT

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	351.2	5.6			
FM	(30°-60°)	2054.5	32.7			
FH	(60°-80°)	2456.1	39.2			G2/5000
FVH	(80°-90°)	87.0	1.4			G1/100
BL	(0°-30°)	342.0	5.5	B1/500		
BM	(30°-60°)	643.0	10.2	B1/1000		
BH	(60°-80°)	283.8	4.5	B1/500		G1/500
BVH	(80°-90°)	54.0	0.9			G1/100
UL	(90°-100°)	2.0	0.0		U1/10	
UH	(100°-180°)	1.4	0.0		U1/10	

**BUG Rating: B1-U1-G2**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	30°	31°	32°	33°	34°	35°	36°
0°	921.4	921.4	921.4	921.4	921.4	921.4	921.4	921.4	921.4	921.4	921.4
2.5°	888.1	889.9	891.7	891.7	891.7	894.4	893.4	893.4	894.4	895.3	895.3
5°	854.9	855.7	861.1	863.0	868.3	867.5	867.5	867.5	871.0	868.3	870.1
7.5°	817.0	818.9	824.3	830.5	835.0	836.0	835.0	833.3	837.8	839.5	837.8
10°	772.1	773.0	780.2	785.6	792.8	791.9	794.6	794.6	796.4	795.5	799.1
12.5°	749.6	747.9	744.3	747.0	748.8	748.8	748.8	751.5	750.5	752.4	755.0
15°	747.0	742.5	724.5	718.2	716.4	716.4	715.6	714.6	717.3	720.0	720.0
17.5°	759.5	750.5	715.6	697.6	694.0	692.1	693.0	691.2	691.2	694.8	694.0
20°	820.7	804.4	734.4	694.8	684.0	684.0	683.1	680.5	680.5	681.4	681.4
22.5°	976.2	955.5	833.3	751.5	713.7	712.8	710.1	707.4	700.2	698.5	694.8
25°	1192.8	1168.5	959.1	871.0	818.0	816.2	802.7	800.9	783.8	784.7	773.0
27.5°	1360.9	1344.8	1127.2	1010.4	960.0	949.2	943.0	926.8	912.4	900.7	886.3
30°	1418.4	1415.8	1297.1	1202.7	1127.2	1114.6	1097.5	1090.4	1069.7	1053.4	1043.6
32.5°	1509.3	1511.9	1462.5	1358.2	1292.6	1280.0	1265.6	1248.5	1234.2	1223.3	1200.0
35°	1638.7	1639.6	1605.4	1527.2	1451.7	1434.6	1426.5	1406.8	1393.3	1379.8	1368.1
37.5°	1728.6	1733.1	1708.7	1648.6	1603.6	1579.3	1578.4	1564.1	1548.7	1537.1	1526.3
40°	1901.2	1876.8	1796.8	1758.2	1721.3	1718.7	1710.6	1702.5	1706.1	1699.7	1711.5
42.5°	2075.5	2045.0	1933.5	1878.6	1856.1	1860.6	1858.0	1858.9	1869.6	1867.0	1879.6
45°	2224.7	2189.6	2083.6	2018.9	2036.9	2042.2	2057.6	2066.6	2062.1	2078.2	2078.2
47.5°	2374.0	2292.1	2166.3	2196.0	2208.6	2249.9	2260.7	2258.0	2273.3	2280.5	2260.7
50°	2268.8	2247.2	2237.3	2328.1	2384.7	2398.2	2413.4	2421.5	2428.8	2418.9	2399.1
52.5°	2046.7	2045.0	2184.3	2406.3	2454.0	2472.0	2486.3	2492.6	2489.9	2484.5	2468.3
55°	1972.1	1957.7	2078.2	2325.4	2398.2	2415.3	2436.0	2448.5	2461.1	2459.4	2446.8
57.5°	2073.7	2062.1	2062.9	2254.4	2325.4	2340.7	2354.1	2368.5	2372.1	2383.8	2384.7
60°	2368.5	2353.3	2230.1	2251.7	2323.6	2340.7	2342.5	2350.5	2351.5	2357.8	2358.6
62.5°	2793.7	2765.9	2577.9	2416.2	2441.4	2449.5	2455.7	2454.0	2450.4	2445.9	2445.9
65°	3259.3	3233.2	2991.4	2802.7	2729.8	2749.7	2718.2	2711.9	2704.7	2704.7	2696.6
67.5°	3813.0	3763.6	3576.6	3364.5	3259.3	3269.2	3283.6	3228.7	3209.0	3210.8	3168.6
70°	4377.5	4325.4	4243.6	4240.9	4293.9	4270.6	4204.0	4292.1	4187.9	4162.7	4153.7
72.5°	4065.6	4003.6	4020.7	4528.5	5005.0	5082.2	5156.0	5224.3	5285.4	5322.2	5327.6
73°	3826.6	3708.8	3831.1	4427.8	4956.4	5070.6	5162.2	5235.1	5300.7	5334.0	5354.6
75°	1911.0	1917.3	2519.5	3653.1	4331.7	4429.7	4572.6	4652.6	4771.2	4832.3	4778.4
77.5°	443.1	459.3	763.1	1733.9	2596.9	2737.1	2851.3	2968.1	3105.6	3156.8	3111.9
80°	156.4	163.6	268.7	658.9	1084.0	1161.4	1259.4	1387.8	1515.5	1547.0	1626.1
82.5°	82.7	90.7	142.0	285.8	462.9	506.1	531.2	584.3	629.2	656.2	670.5
85°	47.7	48.6	80.9	158.3	212.2	229.2	245.4	258.0	272.3	262.5	262.5
87.5°	18.9	20.7	41.3	74.6	102.5	114.2	114.2	114.2	113.2	99.7	90.7
90°	3.6	5.4	8.1	15.2	13.5	13.5	12.6	10.7	9.9	10.7	6.3
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°	921.4	921.4	921.4	921.4	921.4	921.4	921.4	921.4	921.4	921.4	921.4
2.5°	897.1	897.9	896.2	899.8	897.1	897.1	901.5	909.7	916.0	917.8	923.1
5°	871.9	872.8	872.8	873.7	872.8	874.6	882.7	889.9	902.4	908.8	916.9
7.5°	839.5	842.3	841.4	843.1	843.1	845.0	857.5	869.2	881.8	893.4	903.4
10°	800.9	802.7	806.3	804.4	804.4	809.9	823.4	840.5	855.7	872.8	884.5
12.5°	755.0	759.5	758.6	762.2	764.0	767.6	790.1	808.9	827.9	847.6	863.0
15°	719.1	721.8	723.6	724.5	724.5	732.5	755.0	778.5	803.6	827.0	843.1
17.5°	695.7	695.7	697.6	698.5	700.2	705.6	729.0	755.0	783.8	812.6	830.5
20°	682.2	682.2	683.1	684.0	684.0	690.3	711.9	741.5	773.0	809.9	831.5
22.5°	693.0	690.3	689.5	689.5	685.9	685.9	706.6	738.0	777.5	825.2	853.0
25°	766.7	758.6	746.0	743.4	738.9	717.3	714.6	750.5	799.1	858.5	900.7
27.5°	877.3	869.2	861.1	851.2	844.0	804.4	750.5	783.0	840.5	925.0	977.1
30°	1022.0	1005.9	994.2	983.4	952.0	908.8	825.2	833.3	904.3	1017.5	1083.1
32.5°	1183.9	1166.8	1148.8	1123.6	1115.5	1045.4	938.5	916.9	985.2	1125.3	1193.7
35°	1340.3	1332.1	1319.5	1309.7	1290.8	1232.3	1085.9	1017.5	1078.7	1252.1	1305.2
37.5°	1521.8	1506.5	1507.4	1499.3	1488.5	1439.1	1238.7	1138.9	1179.4	1373.5	1406.8
40°	1700.7	1697.1	1702.5	1689.0	1671.0	1604.5	1351.0	1227.8	1284.5	1490.3	1482.3
42.5°	1869.6	1872.4	1866.1	1850.8	1831.0	1719.6	1422.9	1303.3	1378.8	1592.8	1542.5
45°	2062.9	2053.1	2027.0	2000.0	1975.7	1818.4	1461.6	1387.8	1469.7	1703.4	1603.6
47.5°	2245.4	2206.7	2184.3	2142.9	2095.3	1908.3	1513.7	1476.8	1570.3	1807.7	1662.0
50°	2379.3	2343.4	2305.6	2255.3	2205.0	1986.6	1582.9	1577.5	1684.5	1924.5	1742.0
52.5°	2440.5	2407.2	2370.4	2319.1	2268.8	2043.1	1675.5	1675.5	1819.3	2079.1	1852.6
55°	2430.5	2406.3	2374.0	2327.2	2288.5	2073.7	1770.8	1783.4	1988.3	2246.3	1980.2
57.5°	2378.5	2365.0	2346.0	2313.7	2282.2	2097.0	1883.2	1891.2	2214.8	2407.2	2100.6
60°	2360.5	2355.0	2344.3	2325.4	2301.1	2148.3	2002.7	2020.6	2468.3	2554.6	2169.0
62.5°	2440.5	2429.7	2421.5	2402.7	2380.2	2274.1	2152.8	2158.2	2706.5	2572.6	2102.5
65°	2665.2	2645.4	2632.0	2606.8	2581.6	2463.8	2344.3	2285.9	2823.3	2404.5	1876.8
67.5°	3136.2	3103.8	3065.2	3017.5	2948.3	2842.3	2534.0	2303.8	2717.3	2036.9	1480.4
70°	4067.5	3997.3	3908.3	3806.7	3780.7	3471.5	2652.6	2170.8	2258.9	1422.9	981.6
72.5°	5318.6	5245.9	5166.7	5083.1	4917.7	4238.2	2600.4	1751.0	1404.9	731.7	467.4
73°	5339.3	5289.9	5194.6	5097.6	4962.7	4224.7	2543.9	1614.4	1238.7	576.2	382.9
75°	4788.3	4768.6	4675.1	4488.1	4373.9	3568.6	1873.2	935.7	542.1	356.0	249.0
77.5°	3107.4	3085.8	3032.8	3014.8	2804.5	2313.7	838.6	364.1	294.8	236.4	176.2
80°	1655.7	1555.1	1537.1	1465.2	1311.4	890.8	286.7	222.9	196.0	158.3	123.2
82.5°	671.5	628.3	612.1	554.6	521.4	267.0	143.8	154.6	131.2	93.5	75.5
85°	247.1	227.4	222.0	180.7	159.1	79.1	88.1	108.7	81.8	52.2	37.7
87.5°	85.4	73.8	63.8	49.4	45.8	32.3	48.6	59.3	52.2	31.5	18.0
90°	6.3	5.4	4.5	3.6	4.5	3.6	5.4	8.1	9.0	5.4	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



REPORT NUMBER: P226618

CATALOG NUMBER: IST-AF-1000-LED-E1-T4FT

**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: P226618

CATALOG NUMBER: IST-AF-1000-LED-E1-T4FT

**CANDELA DISTRIBUTION (continued):**

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	921.4	921.4	921.4	921.4	921.4	921.4	921.4	921.4	921.4	921.4
2.5°	925.0	928.5	935.7	941.1	945.6	952.0	953.7	957.3	952.8	958.2
5°	921.4	932.1	945.6	958.2	969.9	979.8	984.3	985.2	986.0	989.7
7.5°	912.4	928.5	950.1	967.2	985.2	991.4	994.2	995.0	988.8	991.4
10°	894.4	920.5	947.5	968.1	977.1	972.6	965.4	953.7	948.3	948.3
12.5°	874.6	907.9	939.4	951.0	943.0	925.9	906.0	884.5	876.4	876.4
15°	858.5	900.7	926.8	918.6	895.3	863.0	836.0	813.5	806.3	803.6
17.5°	849.5	897.1	906.9	881.8	842.3	801.8	774.8	756.0	749.6	749.6
20°	856.6	900.7	884.5	837.8	788.3	751.5	728.1	715.6	709.2	711.9
22.5°	887.2	914.1	864.7	794.6	734.4	703.0	692.1	684.0	683.1	685.0
25°	938.5	932.1	847.6	749.6	684.0	661.5	660.7	658.0	657.0	656.2
27.5°	1004.9	954.6	827.0	699.3	633.7	622.9	628.3	627.4	626.6	627.4
30°	1093.0	974.4	796.4	644.5	586.0	586.0	594.1	591.5	587.9	588.8
32.5°	1174.9	988.8	749.6	583.4	548.3	550.1	552.8	545.6	536.6	538.4
35°	1244.9	988.8	686.7	528.6	509.6	509.6	511.5	505.1	498.0	495.3
37.5°	1303.3	969.0	607.6	487.2	478.2	478.2	485.4	479.2	465.6	462.9
40°	1338.4	925.9	534.8	456.6	462.9	463.8	453.9	443.1	430.6	427.9
42.5°	1360.9	863.0	477.3	435.1	453.1	445.8	422.5	405.4	404.5	408.1
45°	1380.7	791.9	431.5	413.5	442.2	427.0	395.5	379.3	384.7	388.3
47.5°	1400.4	720.9	394.7	389.2	422.5	411.6	378.4	360.5	357.7	363.1
50°	1447.2	622.1	352.4	360.5	398.2	394.7	363.1	342.5	325.4	324.5
52.5°	1510.1	489.9	316.4	335.3	379.3	384.7	346.1	326.3	302.9	299.3
55°	1580.3	375.7	286.7	315.5	361.3	370.3	339.8	310.2	285.0	281.3
57.5°	1600.9	296.7	258.9	287.7	337.1	356.8	329.9	291.2	272.3	268.7
60°	1529.9	246.3	235.5	264.2	312.8	343.4	314.6	276.8	259.7	257.1
62.5°	1313.3	217.5	222.9	249.0	294.8	330.8	302.9	266.1	252.6	250.8
65°	1002.3	197.7	212.2	236.4	278.7	319.1	294.8	261.6	250.8	249.0
67.5°	629.2	183.4	201.3	222.9	262.5	306.5	288.6	256.1	248.1	245.4
70°	348.7	168.1	187.0	207.7	246.3	294.8	280.5	248.1	247.1	241.8
72.5°	212.2	151.9	171.7	191.5	228.3	280.5	266.1	238.2	229.2	218.4
73°	202.2	150.1	168.1	187.9	223.8	276.8	263.4	234.6	225.7	214.8
75°	163.6	134.8	153.7	170.8	207.7	262.5	248.1	222.0	207.7	199.6
77.5°	120.4	115.1	133.0	149.2	187.0	242.7	226.5	203.2	186.1	181.6
80°	89.0	95.2	112.3	126.7	164.5	222.9	204.1	181.6	170.8	165.4
82.5°	60.3	73.8	89.9	101.6	145.7	201.3	180.7	159.1	166.3	138.4
85°	35.1	51.2	64.8	79.1	116.8	179.7	157.3	135.7	118.7	107.0
87.5°	23.3	28.7	39.6	53.9	84.5	141.2	124.9	106.1	77.3	77.3
90°	2.7	3.6	5.4	6.3	11.7	60.3	41.3	49.4	9.0	8.1
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: P226618

CATALOG NUMBER: IST-AF-1000-LED-E1-T4FT

**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)