

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: P226617

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P226617
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
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: 5307.5 lumens
Efficiency: N/A
Efficacy: 122.0 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): 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

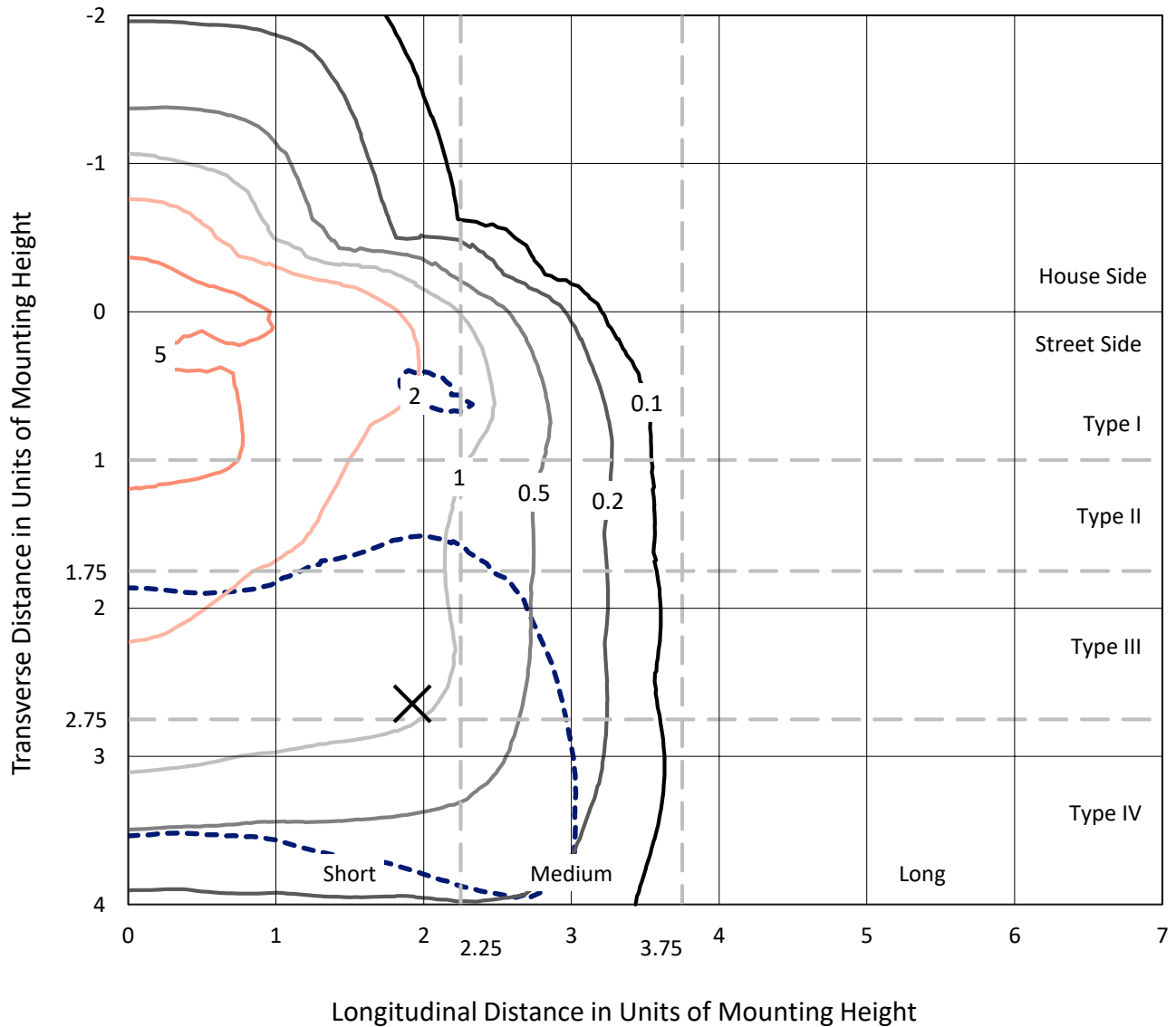


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Iso-Footcandle Lines of Horizontal Illumination

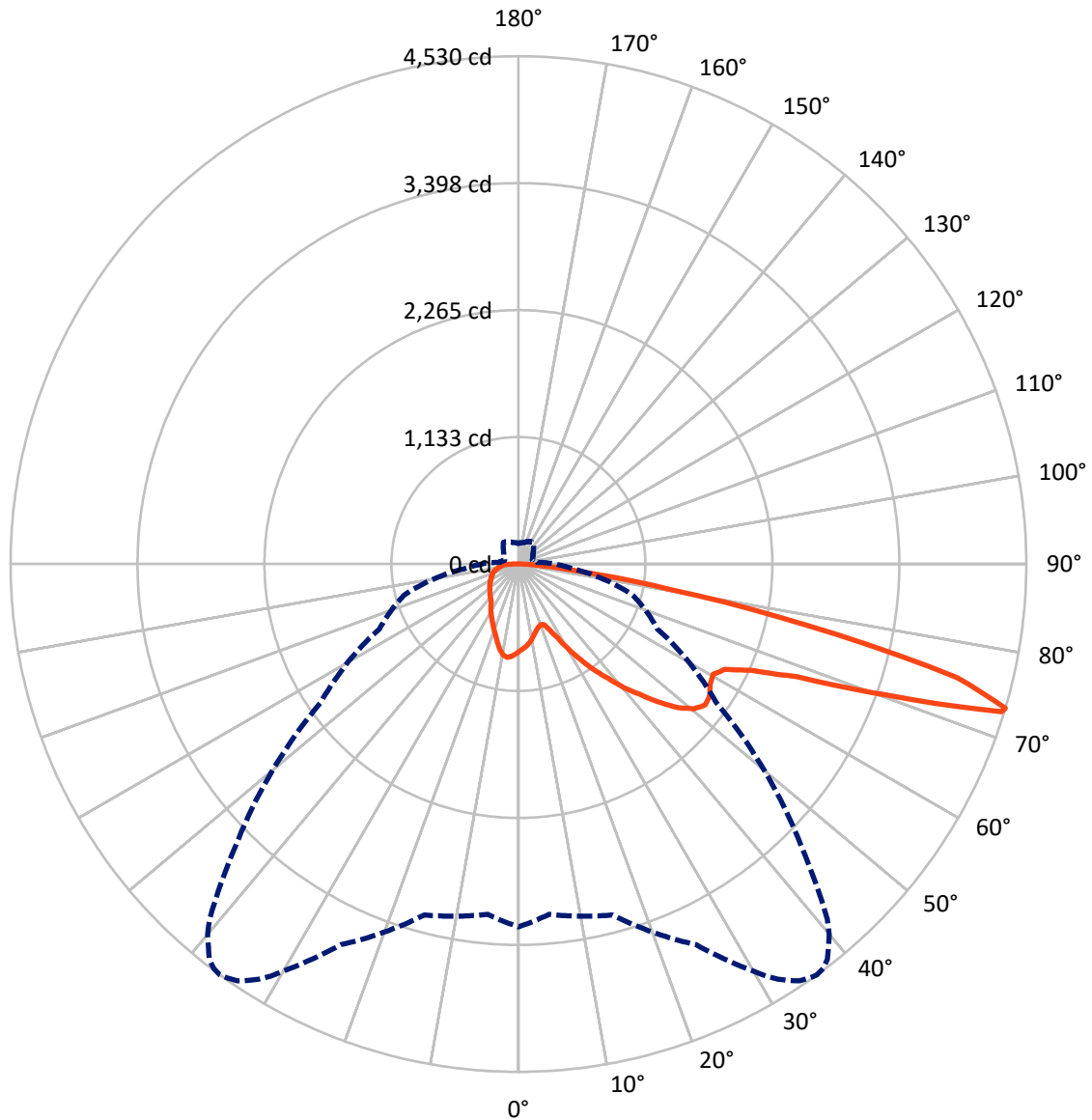
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 8.2 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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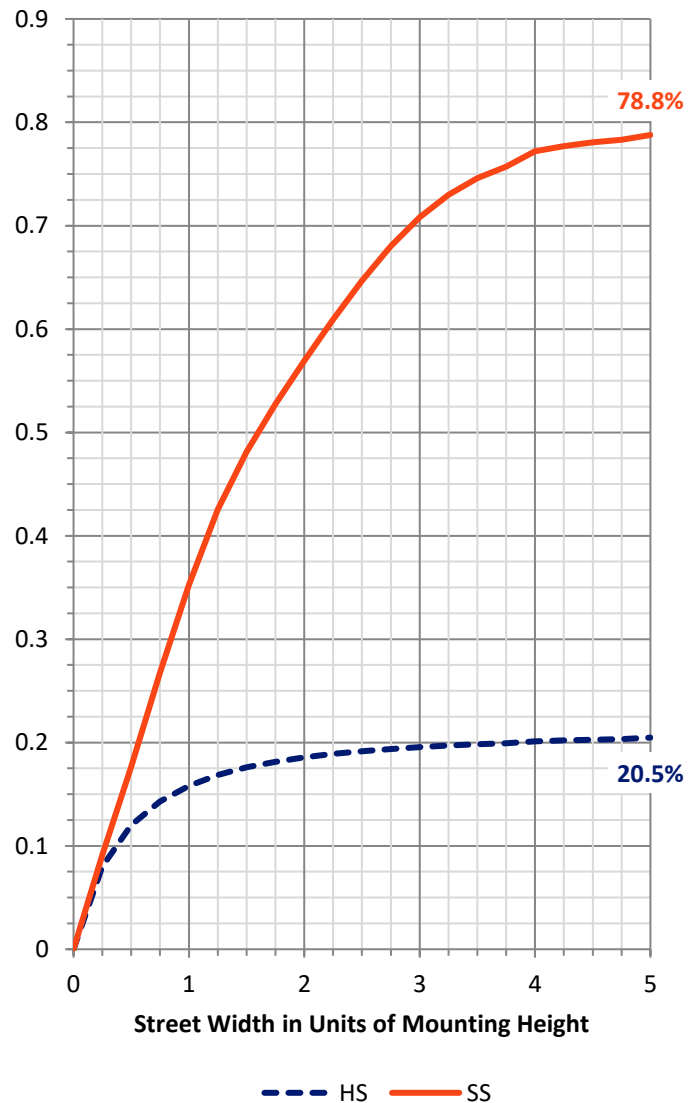
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1119.1	1.2	1120.3
	% Fixture	21.1	0.0	21.1
Street Side	Lumens	4186.7	0.4	4187.2
	% Fixture	78.9	0.0	78.9
Total	Lumens	5305.8	1.7	5307.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.4	1.4
10°-20°	194.4	3.7
20°-30°	318.6	6.0
30°-40°	527.9	9.9
40°-50°	775.8	14.6
50°-60°	978.3	18.4
60°-70°	1281.1	24.1
70°-80°	1037.0	19.5
80°-90°	119.3	2.2
90°-100°	1.7	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°	5305.8	100.0
0°-180°	5307.5	100.0



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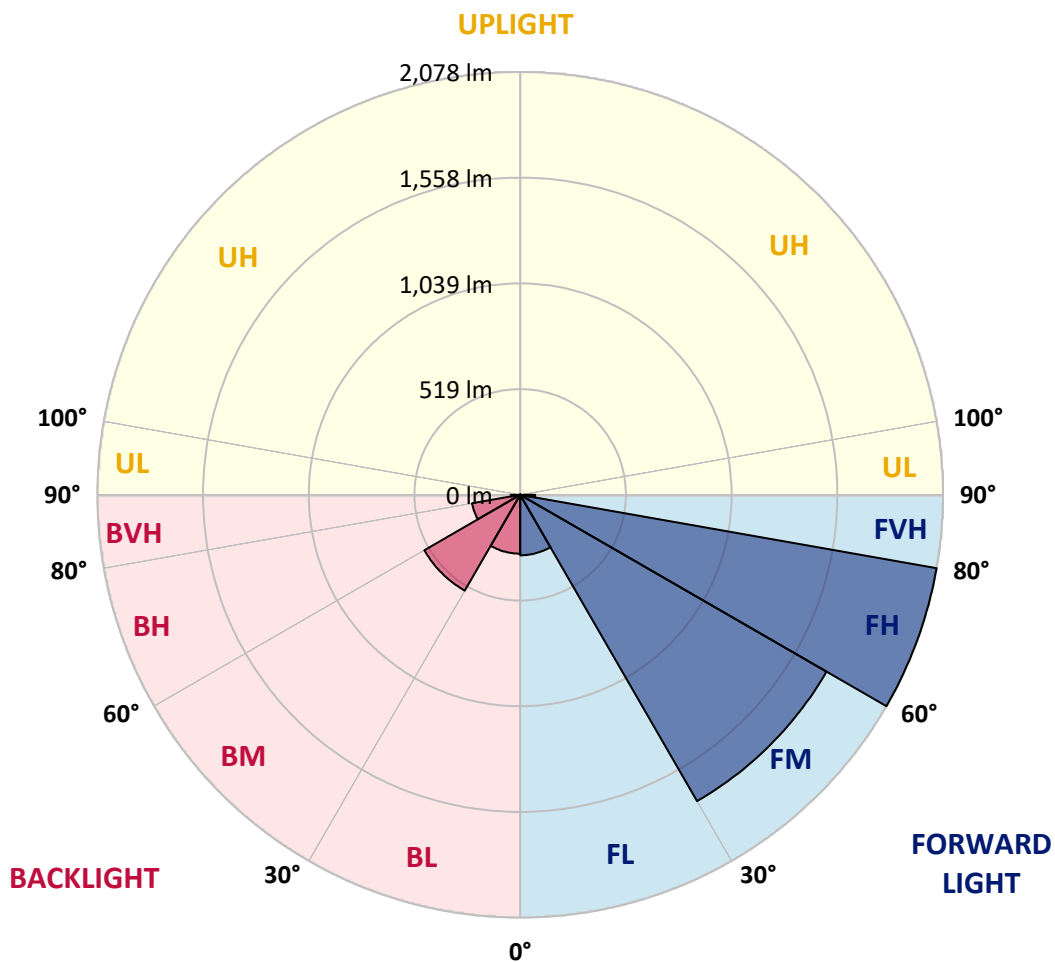
CATALOG NUMBER: IST-AF-800-LED-E1-T4FT

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	297.1	5.6			
FM	(30°-60°)	1738.1	32.7			
FH	(60°-80°)	2077.9	39.2			G2/5000
FVH	(80°-90°)	73.6	1.4			G1/100
BL	(0°-30°)	289.3	5.5	B1/500		
BM	(30°-60°)	543.9	10.2	B1/1000		
BH	(60°-80°)	240.1	4.5	B1/500		G1/500
BVH	(80°-90°)	45.7	0.9			G1/100
UL	(90°-100°)	1.7	0.0		U1/10	
UH	(100°-180°)	1.2	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°	779.5	779.5	779.5	779.5	779.5	779.5	779.5	779.5	779.5	779.5	779.5
2.5°	751.4	752.9	754.4	754.4	754.4	756.7	755.9	755.9	756.7	757.4	757.4
5°	723.2	723.9	728.5	730.1	734.6	733.9	733.9	733.9	736.9	734.6	736.1
7.5°	691.3	692.7	697.3	702.7	706.4	707.3	706.4	704.9	708.8	710.2	708.8
10°	653.3	654.0	660.1	664.6	670.7	669.9	672.3	672.3	673.8	673.0	676.1
12.5°	634.2	632.7	629.6	632.0	633.5	633.5	633.5	635.8	634.9	636.5	638.8
15°	632.0	628.1	613.0	607.6	606.1	606.1	605.3	604.6	606.8	609.2	609.2
17.5°	642.6	634.9	605.3	590.1	587.1	585.5	586.4	584.8	584.8	587.8	587.1
20°	694.3	680.6	621.3	587.8	578.7	578.7	578.0	575.7	575.7	576.4	576.4
22.5°	825.8	808.3	704.9	635.8	603.8	603.0	600.8	598.5	592.4	590.9	587.8
25°	1009.1	988.6	811.4	736.9	692.0	690.5	679.1	677.6	663.1	663.9	654.0
27.5°	1151.3	1137.6	953.6	854.8	812.2	803.0	797.7	784.0	771.9	762.0	749.8
30°	1200.0	1197.8	1097.3	1017.5	953.6	943.0	928.5	922.4	904.9	891.3	882.9
32.5°	1276.8	1279.1	1237.3	1149.1	1093.5	1082.9	1070.7	1056.3	1044.1	1035.0	1015.2
35°	1386.3	1387.1	1358.2	1292.0	1228.2	1213.7	1206.9	1190.1	1178.7	1167.3	1157.5
37.5°	1462.4	1466.2	1445.6	1394.7	1356.6	1336.2	1335.4	1323.2	1310.3	1300.4	1291.3
40°	1608.4	1587.8	1520.2	1487.5	1456.3	1454.0	1447.2	1440.3	1443.4	1438.1	1447.9
42.5°	1755.9	1730.0	1635.8	1589.4	1570.3	1574.1	1571.9	1572.7	1581.8	1579.4	1590.2
45°	1882.1	1852.5	1762.7	1708.0	1723.2	1727.8	1740.7	1748.3	1744.5	1758.1	1758.1
47.5°	2008.4	1939.2	1832.7	1857.8	1868.4	1903.4	1912.6	1910.3	1923.2	1929.3	1912.6
50°	1919.4	1901.2	1892.8	1969.6	2017.5	2028.9	2041.8	2048.7	2054.8	2046.4	2029.6
52.5°	1731.5	1730.0	1848.0	2035.8	2076.1	2091.3	2103.4	2108.8	2106.5	2102.0	2088.3
55°	1668.4	1656.3	1758.1	1967.3	2028.9	2043.3	2060.8	2071.5	2082.1	2080.6	2069.9
57.5°	1754.4	1744.5	1745.3	1907.3	1967.3	1980.2	1991.7	2003.9	2006.8	2016.7	2017.5
60°	2003.9	1990.9	1886.7	1904.9	1965.8	1980.2	1981.8	1988.6	1989.3	1994.7	1995.5
62.5°	2363.5	2339.9	2181.0	2044.2	2065.4	2072.3	2077.6	2076.1	2073.0	2069.2	2069.2
65°	2757.5	2735.4	2530.8	2371.1	2309.5	2326.3	2299.6	2294.3	2288.2	2288.2	2281.4
67.5°	3225.9	3184.0	3025.9	2846.5	2757.5	2765.9	2777.9	2731.6	2714.8	2716.3	2680.6
70°	3703.5	3659.3	3590.1	3587.9	3632.7	3613.0	3556.7	3631.2	3543.0	3521.7	3514.1
72.5°	3439.6	3387.1	3401.5	3831.3	4234.3	4299.7	4362.1	4419.9	4471.5	4502.7	4507.2
73°	3237.3	3137.7	3241.1	3746.0	4193.2	4289.7	4367.4	4429.0	4484.4	4512.5	4530.0
75°	1616.8	1622.1	2131.6	3090.5	3664.7	3747.6	3868.5	3936.1	4036.6	4088.2	4042.6
77.5°	374.9	388.6	645.6	1466.9	2197.0	2315.7	2412.2	2511.0	2627.4	2670.7	2632.8
80°	132.4	138.4	227.4	557.4	917.1	982.5	1065.4	1174.1	1282.2	1308.8	1375.7
82.5°	70.0	76.8	120.2	241.8	391.7	428.1	449.5	494.3	532.3	555.2	567.3
85°	40.3	41.0	68.4	133.8	179.4	194.0	207.6	218.3	230.5	222.1	222.1
87.5°	16.0	17.5	35.0	63.1	86.6	96.6	96.6	96.6	95.9	84.4	76.8
90°	3.1	4.6	6.9	12.9	11.5	11.5	10.6	9.1	8.4	9.1	5.3
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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CATALOG NUMBER: IST-AF-800-LED-E1-T4FT

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°	779.5	779.5	779.5	779.5	779.5	779.5	779.5	779.5	779.5	779.5	779.5
2.5°	758.9	759.7	758.2	761.2	758.9	758.9	762.7	769.6	774.9	776.4	781.0
5°	737.6	738.4	738.4	739.2	738.4	739.9	746.8	752.9	763.5	768.8	775.7
7.5°	710.2	712.6	711.8	713.3	713.3	714.8	725.5	735.4	746.0	755.9	764.2
10°	677.6	679.1	682.1	680.6	680.6	685.2	696.6	711.1	723.9	738.4	748.3
12.5°	638.8	642.6	641.8	644.9	646.4	649.5	668.5	684.5	700.4	717.1	730.1
15°	608.3	610.7	612.1	613.0	613.0	619.8	638.8	658.6	679.9	699.6	713.3
17.5°	588.6	588.6	590.1	590.9	592.4	597.0	616.7	638.8	663.1	687.4	702.7
20°	577.1	577.1	578.0	578.7	578.7	584.0	602.3	627.4	654.0	685.2	703.4
22.5°	586.4	584.0	583.3	583.3	580.2	580.2	597.7	624.3	657.8	698.1	721.7
25°	648.7	641.8	631.2	628.9	625.1	606.8	604.6	634.9	676.1	726.2	762.0
27.5°	742.3	735.4	728.5	720.2	714.1	680.6	634.9	662.4	711.1	782.6	826.6
30°	864.6	851.0	841.1	832.0	805.4	768.8	698.1	704.9	765.1	860.8	916.4
32.5°	1001.6	987.0	971.9	950.6	943.8	884.4	793.9	775.7	833.5	952.1	1009.9
35°	1133.8	1127.0	1116.3	1108.0	1092.0	1042.6	918.6	860.8	912.6	1059.4	1104.2
37.5°	1287.5	1274.5	1275.3	1268.5	1259.4	1217.5	1047.9	963.5	997.7	1162.0	1190.1
40°	1438.8	1435.7	1440.3	1429.0	1413.7	1357.5	1142.9	1038.8	1086.7	1260.9	1254.0
42.5°	1581.8	1584.0	1578.7	1565.8	1549.1	1454.7	1203.8	1102.6	1166.6	1347.5	1305.0
45°	1745.3	1736.9	1714.9	1692.1	1671.5	1538.4	1236.5	1174.1	1243.4	1441.0	1356.6
47.5°	1899.6	1867.0	1848.0	1813.0	1772.7	1614.4	1280.6	1249.4	1328.5	1529.3	1406.0
50°	2013.0	1982.5	1950.6	1908.0	1865.5	1680.6	1339.1	1334.6	1425.1	1628.1	1473.8
52.5°	2064.6	2036.5	2005.4	1962.0	1919.4	1728.6	1417.5	1417.5	1539.1	1759.0	1567.4
55°	2056.3	2035.8	2008.4	1968.9	1936.1	1754.4	1498.1	1508.8	1682.1	1900.4	1675.3
57.5°	2012.1	2000.8	1984.8	1957.4	1930.8	1774.2	1593.1	1600.0	1873.7	2036.5	1777.2
60°	1997.0	1992.4	1983.3	1967.3	1946.8	1817.5	1694.3	1709.6	2088.3	2161.2	1835.0
62.5°	2064.6	2055.5	2048.7	2032.7	2013.7	1924.0	1821.3	1825.9	2289.8	2176.4	1778.7
65°	2254.8	2238.0	2226.7	2205.4	2184.0	2084.5	1983.3	1933.9	2388.6	2034.2	1587.8
67.5°	2653.2	2625.9	2593.2	2552.9	2494.4	2404.5	2143.7	1949.0	2298.9	1723.2	1252.5
70°	3441.1	3381.8	3306.5	3220.6	3198.5	2936.9	2244.1	1836.5	1911.1	1203.8	830.4
72.5°	4499.7	4438.1	4371.2	4300.4	4160.5	3585.5	2200.1	1481.3	1188.6	619.0	395.5
73°	4517.1	4475.3	4394.7	4312.6	4198.5	3574.2	2152.1	1365.7	1047.9	487.4	324.0
75°	4051.0	4034.2	3955.1	3797.0	3700.4	3019.0	1584.8	791.7	458.6	301.2	210.6
77.5°	2628.9	2610.7	2565.8	2550.6	2372.6	1957.4	709.5	308.0	249.4	200.0	149.0
80°	1400.7	1315.6	1300.4	1239.5	1109.5	753.6	242.5	188.6	165.8	133.8	104.1
82.5°	568.0	531.5	517.9	469.2	441.1	225.9	121.6	130.8	111.0	79.1	63.8
85°	209.1	192.4	187.8	152.8	134.6	66.9	74.6	92.1	69.2	44.1	31.9
87.5°	72.2	62.4	54.0	41.8	38.8	27.4	41.0	50.2	44.1	26.6	15.2
90°	5.3	4.6	3.8	3.1	3.8	3.1	4.6	6.9	7.6	4.6	3.1
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: P226617

CATALOG NUMBER: IST-AF-800-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: P226617

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

CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	779.5	779.5	779.5	779.5	779.5	779.5	779.5	779.5	779.5	779.5
2.5°	782.6	785.5	791.7	796.2	800.0	805.4	806.8	809.9	806.1	810.7
5°	779.5	788.6	800.0	810.7	820.5	828.9	832.7	833.5	834.2	837.3
7.5°	771.9	785.5	803.8	818.3	833.5	838.8	841.1	841.8	836.5	838.8
10°	756.7	778.7	801.5	819.0	826.6	822.9	816.7	806.8	802.3	802.3
12.5°	739.9	768.0	794.7	804.6	797.7	783.3	766.5	748.3	741.4	741.4
15°	726.2	762.0	784.0	777.2	757.4	730.1	707.3	688.2	682.1	679.9
17.5°	718.6	758.9	767.3	746.0	712.6	678.3	655.5	639.5	634.2	634.2
20°	724.8	762.0	748.3	708.8	667.0	635.8	616.0	605.3	600.0	602.3
22.5°	750.5	773.4	731.6	672.3	621.3	594.6	585.5	578.7	578.0	579.5
25°	793.9	788.6	717.1	634.2	578.7	559.7	558.9	556.7	555.9	555.2
27.5°	850.2	807.6	699.6	591.7	536.1	527.0	531.5	530.8	530.1	530.8
30°	924.7	824.3	673.8	545.2	495.8	495.8	502.7	500.4	497.4	498.1
32.5°	993.9	836.5	634.2	493.6	463.9	465.4	467.7	461.6	454.0	455.5
35°	1053.2	836.5	581.0	447.1	431.2	431.2	432.7	427.4	421.3	419.0
37.5°	1102.6	819.8	514.0	412.1	404.6	404.6	410.6	405.3	393.9	391.7
40°	1132.3	783.3	452.5	386.3	391.7	392.4	384.0	374.9	364.3	362.0
42.5°	1151.3	730.1	403.8	368.1	383.3	377.2	357.4	343.0	342.2	345.2
45°	1168.1	669.9	365.0	349.8	374.2	361.2	334.6	320.9	325.5	328.5
47.5°	1184.8	609.9	333.9	329.3	357.4	348.3	320.2	304.9	302.7	307.2
50°	1224.4	526.2	298.1	304.9	336.9	333.9	307.2	289.7	275.3	274.6
52.5°	1277.6	414.5	267.7	283.7	320.9	325.5	292.8	276.1	256.2	253.3
55°	1336.9	317.8	242.5	266.9	305.7	313.3	287.4	262.4	241.1	238.0
57.5°	1354.4	250.9	219.0	243.4	285.2	301.9	279.1	246.4	230.5	227.4
60°	1294.3	208.4	199.3	223.6	264.6	290.5	266.2	234.3	219.7	217.5
62.5°	1111.0	184.0	188.6	210.6	249.4	279.9	256.2	225.0	213.7	212.2
65°	847.9	167.3	179.4	200.0	235.8	270.0	249.4	221.3	212.2	210.6
67.5°	532.3	155.2	170.3	188.6	222.1	259.3	244.1	216.8	209.9	207.6
70°	295.0	142.2	158.1	175.6	208.4	249.4	237.2	209.9	209.1	204.6
72.5°	179.4	128.5	145.3	161.9	193.1	237.2	225.0	201.5	194.0	184.7
73°	171.1	126.9	142.2	159.0	189.3	234.3	222.8	198.5	190.9	181.8
75°	138.4	114.1	130.0	144.4	175.6	222.1	209.9	187.8	175.6	168.8
77.5°	101.9	97.4	112.5	126.2	158.1	205.3	191.6	171.9	157.4	153.6
80°	75.3	80.6	95.0	107.2	139.1	188.6	172.7	153.6	144.4	139.9
82.5°	50.9	62.4	76.0	85.9	123.2	170.3	152.8	134.6	140.7	117.1
85°	29.7	43.4	54.7	66.9	98.8	152.1	133.1	114.9	100.4	90.5
87.5°	19.7	24.3	33.5	45.6	71.5	119.4	105.7	89.7	65.4	65.4
90°	2.3	3.1	4.6	5.3	9.9	50.9	35.0	41.8	7.6	6.9
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: P226617

CATALOG NUMBER: IST-AF-800-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)