

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: P271659

Luminaire Tested: **IST-AF-800-LED-E1-T4FT-7027**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P271659
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-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: 4507.8 lumens
Efficiency: N/A
Efficacy: 103.6 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

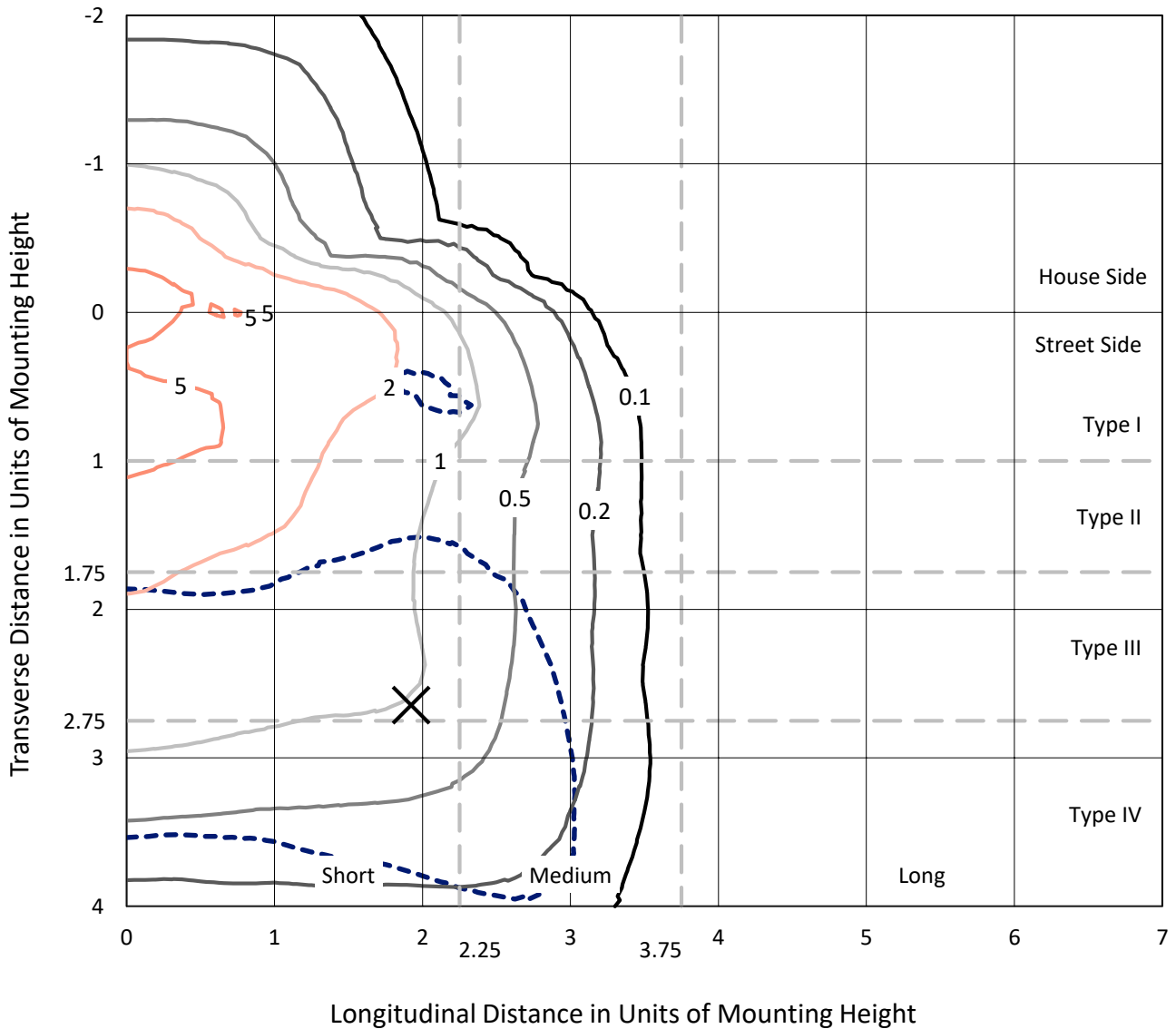
Input Watts (W): 43.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

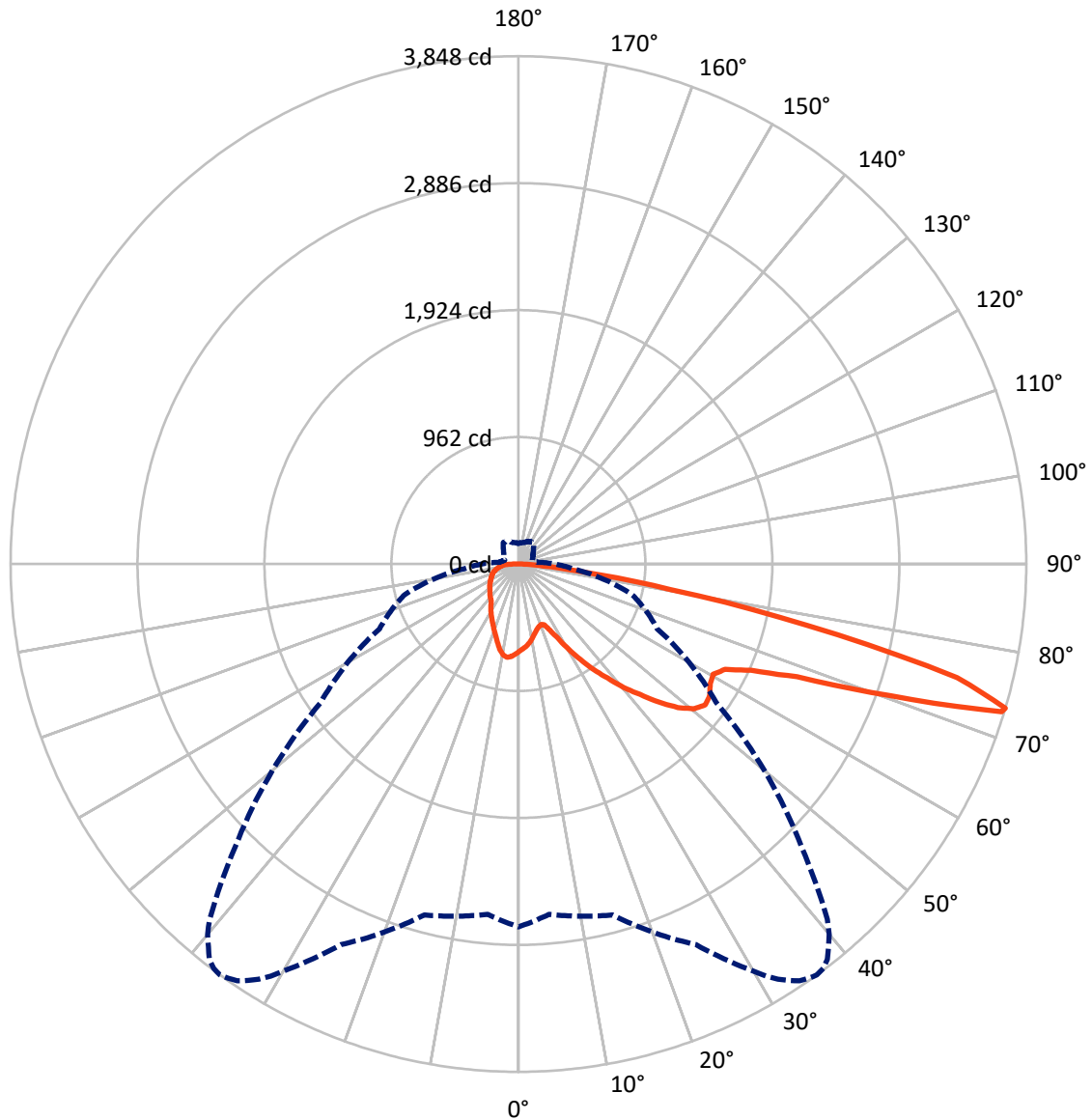
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 7 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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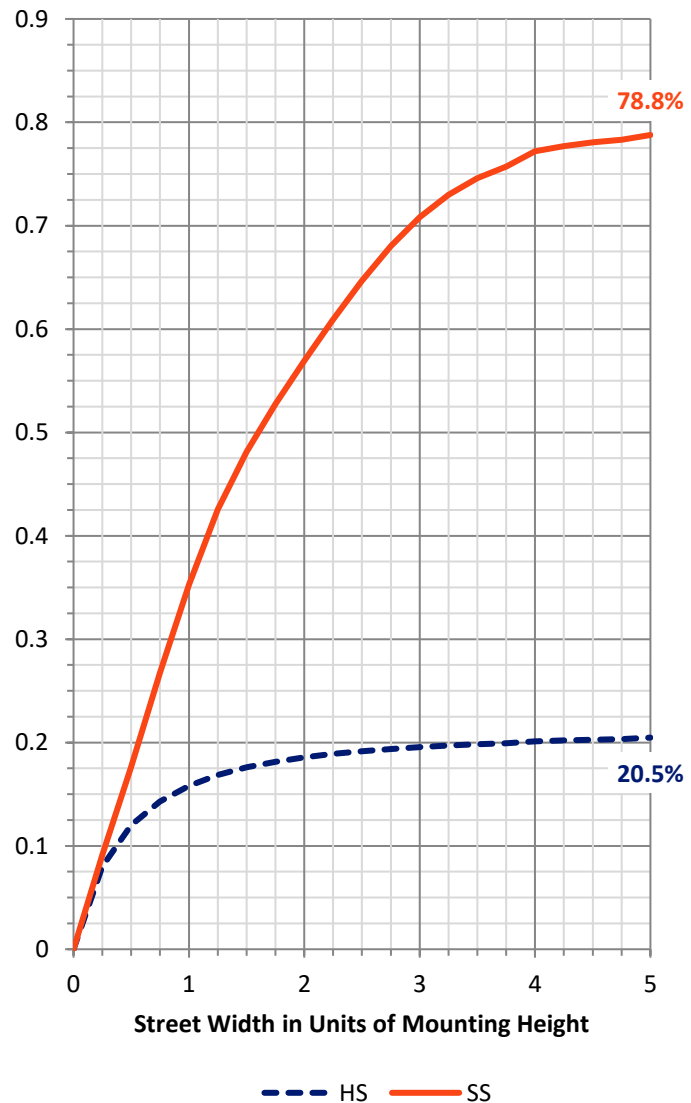
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	950.5	1.0	951.5
	% Fixture	21.1	0.0	21.1
Street Side	Lumens	3555.9	0.4	3556.2
	% Fixture	78.9	0.0	78.9
Total	Lumens	4506.4	1.4	4507.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.3	1.4
10°-20°	165.1	3.7
20°-30°	270.6	6.0
30°-40°	448.4	9.9
40°-50°	658.9	14.6
50°-60°	830.9	18.4
60°-70°	1088.0	24.1
70°-80°	880.7	19.5
80°-90°	101.3	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°	4506.4	100.0
0°-180°	4507.8	100.0



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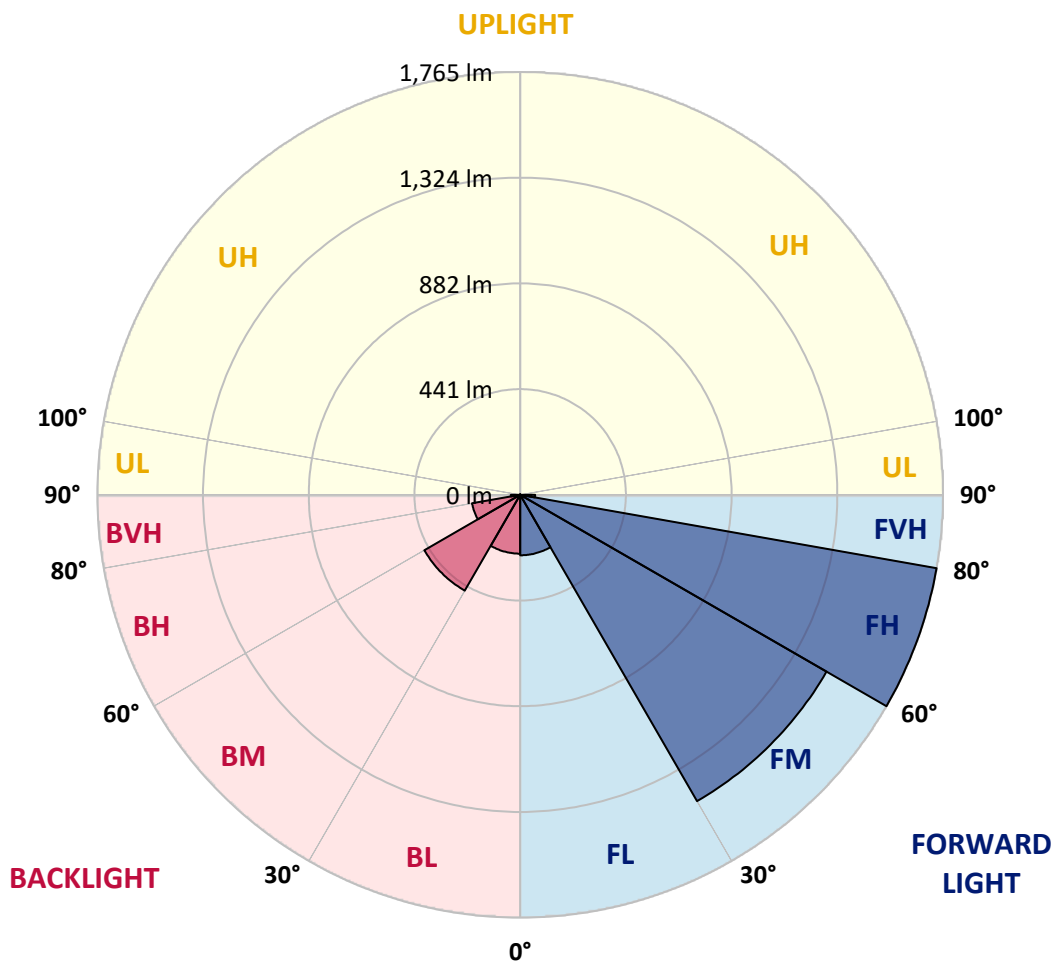
CATALOG NUMBER: IST-AF-800-LED-E1-T4FT-7027

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	252.3	5.6			
FM	(30°-60°)	1476.2	32.7			
FH	(60°-80°)	1764.8	39.2			G1/1800
FVH	(80°-90°)	62.5	1.4			G1/100
BL	(0°-30°)	245.7	5.5	B1/500		
BM	(30°-60°)	462.0	10.2	B1/1000		
BH	(60°-80°)	203.9	4.5	B1/500		G1/500
BVH	(80°-90°)	38.8	0.9			G1/100
UL	(90°-100°)	1.4	0.0		U1/10	
UH	(100°-180°)	1.0	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°	662.1	662.1	662.1	662.1	662.1	662.1	662.1	662.1	662.1	662.1	662.1
2.5°	638.2	639.4	640.7	640.7	640.7	642.6	642.0	642.0	642.6	643.3	643.3
5°	614.2	614.9	618.8	620.0	624.0	623.2	623.2	623.2	625.8	624.0	625.2
7.5°	587.1	588.4	592.3	596.7	600.0	600.7	600.0	598.7	602.0	603.2	602.0
10°	554.8	555.4	560.6	564.5	569.6	569.1	571.0	571.0	572.2	571.6	574.2
12.5°	538.6	537.4	534.9	536.6	538.1	538.1	538.1	539.9	539.3	540.6	542.6
15°	536.6	533.5	520.6	516.1	514.8	514.8	514.1	513.5	515.4	517.3	517.3
17.5°	545.8	539.3	514.1	501.3	498.6	497.3	498.0	496.7	496.7	499.3	498.6
20°	589.6	578.1	527.7	499.3	491.6	491.6	490.8	488.9	488.9	489.6	489.6
22.5°	701.5	686.6	598.7	539.9	512.8	512.1	510.2	508.4	503.1	501.8	499.3
25°	857.1	839.6	689.1	625.8	587.7	586.4	576.7	575.5	563.1	563.9	555.4
27.5°	977.9	966.3	809.9	726.0	689.8	682.0	677.5	665.9	655.5	647.2	636.8
30°	1019.1	1017.2	932.0	864.2	809.9	800.9	788.6	783.4	768.6	756.9	749.8
32.5°	1084.4	1086.4	1050.8	975.9	928.8	919.8	909.4	897.0	886.8	879.0	862.2
35°	1177.4	1178.0	1153.5	1097.3	1043.1	1030.9	1025.0	1010.9	1001.1	991.4	983.0
37.5°	1242.0	1245.2	1227.8	1184.5	1152.3	1134.8	1134.2	1123.8	1112.8	1104.5	1096.7
40°	1366.1	1348.5	1291.1	1263.4	1236.9	1234.9	1229.2	1223.3	1225.8	1221.3	1229.7
42.5°	1491.4	1469.4	1389.3	1349.8	1333.7	1336.9	1335.0	1335.7	1343.4	1341.5	1350.5
45°	1598.5	1573.3	1497.1	1450.7	1463.6	1467.4	1478.4	1484.9	1481.7	1493.3	1493.3
47.5°	1705.7	1647.0	1556.5	1577.9	1586.9	1616.6	1624.3	1622.4	1633.4	1638.6	1624.3
50°	1630.2	1614.6	1607.6	1672.8	1713.4	1723.2	1734.2	1739.9	1745.1	1738.0	1723.8
52.5°	1470.6	1469.4	1569.5	1729.0	1763.2	1776.2	1786.5	1791.0	1789.1	1785.2	1773.5
55°	1417.1	1406.7	1493.3	1670.8	1723.2	1735.4	1750.3	1759.4	1768.4	1767.1	1758.1
57.5°	1490.0	1481.7	1482.2	1619.8	1670.8	1681.9	1691.6	1701.9	1704.4	1712.9	1713.4
60°	1701.9	1690.9	1602.4	1617.8	1669.6	1681.9	1683.2	1688.9	1689.6	1694.1	1694.7
62.5°	2007.4	1987.3	1852.3	1736.2	1754.2	1760.0	1764.5	1763.2	1760.7	1757.4	1757.4
65°	2341.9	2323.2	2149.5	2013.8	1961.4	1975.7	1953.2	1948.6	1943.4	1943.4	1937.6
67.5°	2739.8	2704.3	2569.9	2417.5	2341.9	2349.1	2359.4	2320.0	2305.8	2307.0	2276.8
70°	3145.3	3108.0	3049.2	3047.2	3085.3	3068.5	3020.7	3084.0	3009.1	2991.1	2984.6
72.5°	2921.3	2876.7	2888.9	3253.9	3596.3	3651.8	3704.7	3753.7	3797.8	3824.3	3828.0
73°	2749.5	2664.9	2752.7	3181.5	3561.3	3643.3	3709.2	3761.6	3808.7	3832.6	3847.5
75°	1373.1	1377.6	1810.4	2624.8	3112.4	3182.9	3285.6	3343.0	3428.3	3472.2	3433.4
77.5°	318.4	330.0	548.3	1245.9	1865.9	1966.7	2048.8	2132.7	2231.5	2268.3	2236.0
80°	112.4	117.6	193.1	473.5	778.9	834.4	904.9	997.2	1088.9	1111.6	1168.3
82.5°	59.4	65.3	102.0	205.4	332.6	363.6	381.7	419.8	452.0	471.5	481.9
85°	34.2	34.9	58.1	113.6	152.4	164.7	176.3	185.4	195.7	188.6	188.6
87.5°	13.6	14.8	29.7	53.6	73.6	82.0	82.0	82.0	81.4	71.7	65.3
90°	2.5	3.9	5.7	11.0	9.7	9.7	9.1	7.7	7.1	7.7	4.5
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-7027

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°	662.1	662.1	662.1	662.1	662.1	662.1	662.1	662.1	662.1	662.1	662.1
2.5°	644.5	645.3	643.9	646.5	644.5	644.5	647.8	653.7	658.2	659.4	663.3
5°	626.5	627.2	627.2	627.7	627.2	628.5	634.2	639.4	648.5	653.0	658.7
7.5°	603.2	605.2	604.5	605.9	605.9	607.2	616.1	624.5	633.7	642.0	649.0
10°	575.5	576.7	579.4	578.1	578.1	581.9	591.6	603.9	614.9	627.2	635.6
12.5°	542.6	545.8	545.1	547.7	549.0	551.6	567.7	581.3	594.9	609.1	620.0
15°	516.6	518.6	519.8	520.6	520.6	526.4	542.6	559.4	577.4	594.2	605.9
17.5°	499.9	499.9	501.3	501.8	503.1	507.0	523.8	542.6	563.1	583.9	596.7
20°	490.3	490.3	490.8	491.6	491.6	496.0	511.6	532.9	555.4	581.9	597.5
22.5°	498.0	496.0	495.3	495.3	492.8	492.8	507.6	530.3	558.7	592.9	612.9
25°	550.9	545.1	536.1	534.1	530.9	515.4	513.5	539.3	574.2	616.8	647.2
27.5°	630.4	624.5	618.8	611.7	606.4	578.1	539.3	562.6	603.9	664.6	702.0
30°	734.4	722.8	714.3	706.6	684.0	653.0	592.9	598.7	649.7	731.1	778.3
32.5°	850.7	838.4	825.5	807.4	801.6	751.2	674.3	658.7	707.9	808.7	857.7
35°	963.1	957.1	948.1	941.1	927.5	885.5	780.2	731.1	775.1	899.7	937.8
37.5°	1093.5	1082.5	1083.2	1077.2	1069.5	1034.1	890.0	818.4	847.4	986.9	1010.9
40°	1222.0	1219.4	1223.3	1213.6	1200.7	1152.9	970.8	882.2	923.0	1070.9	1065.0
42.5°	1343.4	1345.3	1340.8	1329.9	1315.7	1235.6	1022.5	936.6	990.8	1144.5	1108.3
45°	1482.2	1475.2	1456.4	1437.1	1419.6	1306.7	1050.2	997.2	1056.0	1223.9	1152.3
47.5°	1613.4	1585.6	1569.5	1539.8	1505.5	1371.3	1087.7	1061.2	1128.3	1298.9	1194.3
50°	1709.7	1683.9	1656.7	1620.5	1584.3	1427.4	1137.3	1133.5	1210.4	1382.9	1251.7
52.5°	1753.5	1729.7	1703.2	1666.4	1630.2	1468.1	1203.9	1203.9	1307.2	1493.9	1331.2
55°	1746.5	1729.0	1705.7	1672.1	1644.3	1490.0	1272.4	1281.4	1428.7	1614.1	1422.8
57.5°	1708.9	1699.3	1685.7	1662.4	1639.9	1506.9	1353.0	1359.0	1591.4	1729.7	1509.4
60°	1696.1	1692.1	1684.4	1670.8	1653.4	1543.6	1439.1	1451.9	1773.5	1835.6	1558.5
62.5°	1753.5	1745.8	1739.9	1726.5	1710.2	1634.1	1546.9	1550.7	1944.7	1848.5	1510.7
65°	1915.0	1900.8	1891.1	1873.1	1854.9	1770.3	1684.4	1642.4	2028.7	1727.7	1348.5
67.5°	2253.5	2230.2	2202.5	2168.1	2118.5	2042.3	1820.8	1655.4	1952.5	1463.6	1063.8
70°	2922.5	2872.2	2808.2	2735.2	2716.6	2494.3	1905.9	1559.7	1623.1	1022.5	705.3
72.5°	3821.6	3769.3	3712.4	3652.4	3533.6	3045.3	1868.6	1258.2	1009.4	525.8	335.9
73°	3836.5	3801.0	3732.5	3662.7	3565.8	3035.6	1827.8	1160.0	890.0	414.0	275.2
75°	3440.6	3426.3	3359.2	3224.8	3142.8	2564.1	1346.0	672.3	389.4	255.7	178.9
77.5°	2232.7	2217.3	2179.2	2166.3	2015.1	1662.4	602.7	261.6	211.8	169.9	126.6
80°	1189.6	1117.3	1104.5	1052.7	942.3	640.0	206.0	160.2	140.9	113.6	88.6
82.5°	482.5	451.5	439.8	398.5	374.6	191.8	103.3	111.1	94.3	67.1	54.3
85°	177.7	163.4	159.4	129.9	114.4	56.9	63.3	78.2	58.7	37.5	27.1
87.5°	61.4	53.0	45.8	35.6	33.0	23.3	34.9	42.6	37.5	22.5	12.9
90°	4.5	3.9	3.2	2.5	3.2	2.5	3.9	5.7	6.5	3.9	2.5
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: P271659

CATALOG NUMBER: IST-AF-800-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: P271659

CATALOG NUMBER: IST-AF-800-LED-E1-T4FT-7027

CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	662.1	662.1	662.1	662.1	662.1	662.1	662.1	662.1	662.1	662.1
2.5°	664.6	667.2	672.3	676.2	679.5	684.0	685.2	687.8	684.6	688.6
5°	662.1	669.8	679.5	688.6	696.8	704.0	707.2	707.9	708.5	711.1
7.5°	655.5	667.2	682.7	695.0	707.9	712.4	714.3	715.1	710.5	712.4
10°	642.6	661.4	680.7	695.6	702.0	698.8	693.7	685.2	681.5	681.5
12.5°	628.5	652.3	675.0	683.3	677.5	665.3	651.0	635.6	629.7	629.7
15°	616.8	647.2	665.9	660.1	643.3	620.0	600.7	584.4	579.4	577.4
17.5°	610.4	644.5	651.7	633.7	605.2	576.2	556.7	543.1	538.6	538.6
20°	615.5	647.2	635.6	602.0	566.4	539.9	523.2	514.1	509.6	511.6
22.5°	637.4	656.8	621.4	571.0	527.7	505.0	497.3	491.6	490.8	492.1
25°	674.3	669.8	609.1	538.6	491.6	475.3	474.8	472.8	472.1	471.5
27.5°	722.1	685.9	594.2	502.5	455.4	447.5	451.5	450.8	450.2	450.8
30°	785.4	700.0	572.2	463.1	421.1	421.1	427.0	425.0	422.5	423.0
32.5°	844.1	710.5	538.6	419.1	394.0	395.3	397.2	392.0	385.6	386.9
35°	894.5	710.5	493.5	379.7	366.1	366.1	367.5	362.9	357.9	355.9
37.5°	936.6	696.3	436.6	350.1	343.6	343.6	348.8	344.2	334.6	332.6
40°	961.7	665.3	384.3	328.2	332.6	333.3	326.2	318.4	309.4	307.4
42.5°	977.9	620.0	343.0	312.6	325.5	320.3	303.5	291.3	290.6	293.3
45°	992.1	569.1	310.1	297.1	317.8	306.8	284.1	272.5	276.4	279.0
47.5°	1006.3	518.1	283.5	279.6	303.5	295.8	271.8	259.0	257.1	261.0
50°	1039.9	447.0	253.2	259.0	286.1	283.5	261.0	246.0	233.8	233.2
52.5°	1085.1	352.0	227.3	240.9	272.5	276.4	248.7	234.5	217.7	215.1
55°	1135.5	270.0	206.0	226.7	259.6	266.1	244.1	222.8	204.7	202.2
57.5°	1150.3	213.2	185.9	206.7	242.3	256.4	237.1	209.2	195.7	193.1
60°	1099.3	177.0	169.2	189.9	224.8	246.8	226.0	199.0	186.7	184.7
62.5°	943.6	156.3	160.2	178.9	211.8	237.7	217.7	191.2	181.5	180.2
65°	720.1	142.1	152.4	169.9	200.2	229.2	211.8	187.9	180.2	178.9
67.5°	452.0	131.7	144.6	160.2	188.6	220.3	207.3	184.1	178.2	176.3
70°	250.5	120.8	134.4	149.2	177.0	211.8	201.5	178.2	177.7	173.7
72.5°	152.4	109.1	123.3	137.6	164.0	201.5	191.2	171.1	164.7	156.9
73°	145.3	107.9	120.8	134.9	160.9	199.0	189.3	168.6	162.1	154.4
75°	117.6	96.8	110.4	122.7	149.2	188.6	178.2	159.4	149.2	143.4
77.5°	86.6	82.6	95.6	107.2	134.4	174.5	162.8	146.0	133.7	130.4
80°	63.9	68.5	80.8	91.1	118.1	160.2	146.6	130.4	122.7	118.8
82.5°	43.3	53.0	64.6	73.0	104.7	144.6	129.9	114.4	119.5	99.4
85°	25.2	36.8	46.5	56.9	83.9	129.2	113.1	97.6	85.2	76.9
87.5°	16.8	20.8	28.5	38.8	60.7	101.4	89.8	76.3	55.5	55.5
90°	2.0	2.5	3.9	4.5	8.4	43.3	29.7	35.6	6.5	5.7
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: P271659
 CATALOG NUMBER: IST-AF-800-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)