

Scaled data based on original data using

LM-41-14 Approved Method for Photometric Testing Of Indoor Fluorescent Luminaires

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P151264

Luminaire Tested: **TLM-F06-LED-E1-SL3-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P151264
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33679)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: TLM-F06-LED-E1-SL3-7030
Description: TALON MEDIUM LED SITE LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL
Light Source: (42) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13735.5 lumens
Efficiency: N/A
Efficacy: 87.8 lumens/watt
Spacing Criteria (0/90/45): 1.44 / 3.92 / 2.51
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
CIE Type: Direct

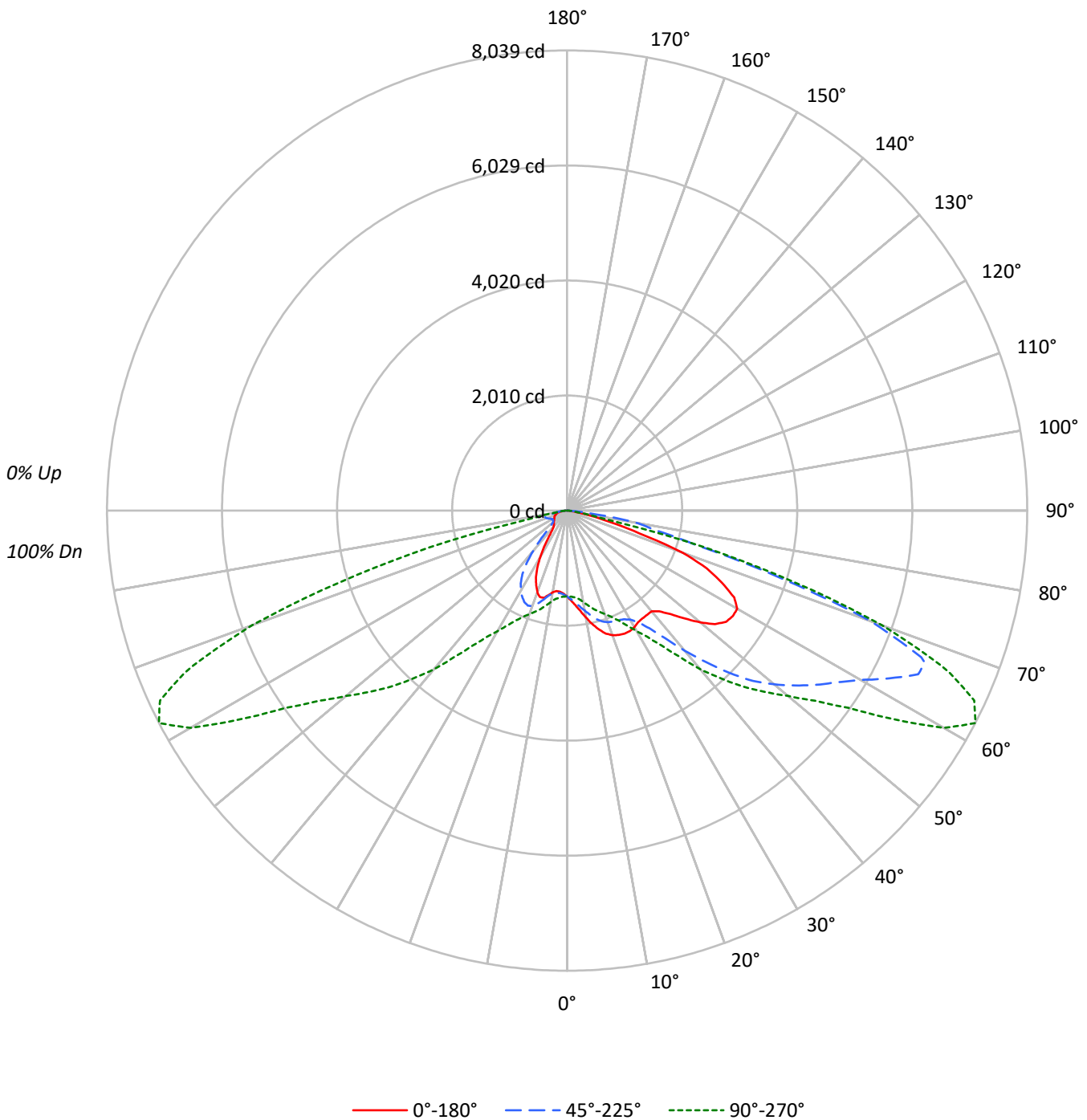
Input Watts (W): 156.5
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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CATALOG NUMBER: TLM-F06-LED-E1-SL3-7030

Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20					
RC	80					70					50					30					10					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0		
RCR																										
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100					100			
1	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	77					77			
2	93	82	74	66	90	80	72	65	77	70	64	73	67	62	70	65	61	58					58			
3	82	69	59	50	79	67	58	50	64	56	49	61	54	48	58	52	47	44					44			
4	73	59	48	39	71	57	47	39	54	46	38	52	44	38	49	43	37	35					35			
5	66	51	40	32	64	49	39	31	47	38	31	45	37	31	43	36	30	28					28			
6	60	44	34	26	58	43	33	26	41	32	26	39	31	25	38	31	25	23					23			
7	55	39	29	22	53	38	29	22	37	28	22	35	27	21	34	27	21	19					19			
8	51	35	25	19	49	35	25	19	33	25	18	32	24	18	30	23	18	16					16			
9	47	32	23	16	46	31	22	16	30	22	16	29	21	16	28	21	16	14					14			
10	44	29	20	14	43	29	20	14	28	20	14	27	19	14	26	19	14	12					12			

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	16150	16150	16150
5°	17940	16457	15381
10°	20734	17669	15856
15°	23980	19812	17595
20°	26533	22058	17412
25°	28155	25145	15259
30°	29221	30195	11640
35°	30199	37827	7094
40°	32251	50812	5169
45°	38956	66225	4981
50°	50883	84343	5025
55°	63560	112716	5208
60°	73856	163422	5552
65°	75971	199913	6184
70°	67629	183999	6836
75°	32485	103980	7964
80°	11220	14393	8133
85°	5027	8942	8201



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	149.4	1.1
10°-20°	512.2	3.7
20°-30°	904.5	6.6
30°-40°	1298.3	9.5
40°-50°	1971.8	14.4
50°-60°	2903.1	21.1
60°-70°	3858.1	28.1
70°-80°	1887.5	13.7
80°-90°	250.6	1.8
90°-100°	0.0	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°-30°	1566.1	11.4
0°-40°	2864.4	20.9
0°-60°	7739.2	56.3
0°-90°	13735.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	13735.5	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	1500	1500	1500	1500	1500	
5°	1660	1614	1523	1448	1424	166
15°	2152	1959	1778	1610	1579	612
25°	2371	2113	2117	1766	1285	1092
35°	2298	2511	2879	1362	540	1449
45°	2559	4013	4350	490	327	2022
55°	3387	5308	6006	297	278	2989
65°	2983	6769	7849	332	243	2896
75°	781	2328	2500	384	192	973
85°	41	128	72	92	66	60
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	1500.4	1500.4	1500.4	1500.4	1500.4	1500.4	1500.4	1500.4	1500.4	1500.4	1500.4
2.5°	1571.3	1572.8	1569.8	1568.3	1559.3	1550.2	1544.2	1536.6	1536.6	1536.6	1533.6
5°	1660.3	1654.3	1658.8	1648.2	1630.1	1613.5	1597.0	1583.4	1580.4	1580.4	1574.3
7.5°	1767.4	1759.8	1756.8	1741.7	1714.6	1690.5	1657.3	1643.7	1636.2	1633.1	1630.1
10°	1897.0	1897.0	1877.4	1851.8	1815.6	1773.4	1737.2	1713.1	1711.6	1711.6	1698.0
12.5°	2029.8	2032.8	2007.1	1981.5	1922.7	1866.9	1824.7	1797.5	1796.0	1790.0	1782.4
15°	2151.9	2144.4	2127.8	2090.1	2025.2	1958.9	1906.1	1879.0	1872.9	1866.9	1862.4
17.5°	2252.9	2245.4	2224.3	2176.0	2108.2	2029.8	1964.9	1936.3	1933.2	1930.2	1924.2
20°	2316.3	2310.2	2280.1	2224.3	2153.4	2073.5	2004.1	1984.5	1978.5	1978.5	1975.5
22.5°	2352.5	2343.4	2299.7	2225.8	2156.4	2097.6	2040.3	2028.2	2023.7	2025.2	2025.2
25°	2370.6	2363.0	2301.2	2195.6	2129.3	2112.7	2088.6	2081.0	2082.5	2084.0	2087.1
27.5°	2373.6	2363.0	2290.6	2156.4	2094.6	2141.3	2157.9	2170.0	2170.0	2176.0	2186.6
30°	2351.0	2338.9	2269.5	2126.3	2079.5	2198.6	2265.0	2296.7	2308.7	2305.7	2329.8
32.5°	2311.7	2304.2	2248.4	2126.3	2121.7	2311.7	2429.4	2474.6	2480.6	2483.7	2510.8
35°	2298.2	2296.7	2272.5	2198.6	2252.9	2510.8	2690.2	2724.9	2732.5	2732.5	2752.1
37.5°	2295.2	2302.7	2329.8	2334.4	2483.7	2806.4	3041.6	3094.4	3094.4	3109.5	3109.5
40°	2295.2	2311.7	2414.3	2536.4	2765.6	3190.9	3516.6	3576.9	3576.9	3593.5	3584.5
42.5°	2384.1	2408.3	2577.1	2809.4	3121.5	3587.5	3961.5	4029.3	4033.9	4029.3	4042.9
45°	2559.1	2580.2	2785.3	3118.5	3488.0	4012.8	4386.7	4468.2	4451.6	4462.1	4466.7
47.5°	2791.3	2824.5	3058.2	3456.3	3845.4	4406.3	4863.3	4937.1	4931.1	4935.6	4916.0
50°	3038.6	3073.3	3334.2	3791.1	4201.3	4723.0	5246.3	5356.4	5345.8	5353.4	5363.9
52.5°	3257.3	3278.4	3530.2	4042.9	4471.2	5018.6	5540.3	5677.6	5701.7	5704.7	5712.3
55°	3386.9	3412.6	3643.3	4168.1	4667.2	5308.1	5876.6	6084.7	6131.5	6143.5	6176.7
57.5°	3432.2	3459.3	3668.9	4186.2	4774.3	5579.6	6345.6	6712.0	6751.3	6816.1	6921.7
60°	3430.7	3459.3	3641.8	4145.5	4882.9	5915.8	7075.5	7689.2	7888.3	7954.6	8105.4
62.5°	3290.4	3323.6	3509.1	4021.8	5021.6	6345.6	8161.2	9105.2	9361.6	9482.2	9645.1
65°	2982.8	3006.9	3180.3	3708.1	4982.4	6769.4	9069.0	10246.8	10480.5	10656.9	10948.0
67°	2709.9	2724.9	2860.7	3337.2	4599.4	6784.4	9355.6	10530.3	10733.9	10920.8	11220.9
67.5°	2640.5	2672.2	2777.7	3224.1	4456.1	6698.5	9335.9	10486.5	10694.6	10889.2	11205.9
70°	2148.9	2194.1	2246.9	2547.0	3503.1	5635.3	8643.8	9729.5	9912.0	10093.0	10534.8
72.5°	1325.5	1407.0	1417.5	1607.5	2280.1	3895.1	6994.0	8205.0	8342.2	8471.9	8924.3
75°	781.1	793.2	830.9	984.7	1337.6	2328.3	4692.9	6095.3	6222.0	6285.3	6639.7
77.5°	435.8	447.9	479.5	612.2	1028.4	1568.3	2732.5	3581.5	3658.4	3738.3	3681.0
80°	181.0	197.5	212.6	247.3	481.0	1238.1	1879.0	2277.1	2326.8	2373.6	2432.4
82.5°	87.5	93.5	114.6	131.2	174.9	508.2	1473.3	1974.0	2032.8	2100.6	2237.9
85°	40.7	45.2	63.3	75.4	84.4	128.2	493.1	960.6	1042.0	1057.1	1084.2
87.5°	3.0	3.0	7.5	10.6	15.1	16.6	51.3	72.4	81.4	73.9	93.5
90°	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):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1500.4	1500.4	1500.4	1500.4	1500.4	1500.4	1500.4	1500.4	1500.4	1500.4	1500.4
2.5°	1532.1	1530.6	1527.6	1527.6	1526.1	1526.1	1526.1	1523.1	1523.1	1523.1	1521.6
5°	1572.8	1571.3	1566.8	1566.8	1563.8	1563.8	1559.3	1557.8	1554.7	1554.7	1553.2
7.5°	1625.6	1624.1	1618.1	1618.1	1613.5	1612.0	1609.0	1604.5	1604.5	1601.5	1598.5
10°	1698.0	1693.5	1692.0	1684.4	1685.9	1682.9	1679.9	1675.4	1672.4	1669.3	1666.3
12.5°	1779.4	1779.4	1771.9	1767.4	1770.4	1767.4	1761.3	1759.8	1755.3	1755.3	1750.8
15°	1856.3	1856.3	1853.3	1847.3	1848.8	1844.3	1842.8	1839.7	1833.7	1835.2	1833.7
17.5°	1922.7	1922.7	1918.2	1915.1	1915.1	1910.6	1912.1	1909.1	1906.1	1904.6	1900.1
20°	1975.5	1975.5	1972.4	1969.4	1970.9	1970.9	1966.4	1966.4	1966.4	1963.4	1963.4
22.5°	2026.7	2028.2	2028.2	2028.2	2029.8	2031.3	2029.8	2032.8	2031.3	2034.3	2034.3
25°	2094.6	2099.1	2102.1	2102.1	2109.7	2111.2	2112.7	2117.2	2117.2	2121.7	2123.2
27.5°	2195.6	2198.6	2210.7	2213.7	2215.2	2227.3	2228.8	2234.8	2240.9	2242.4	2243.9
30°	2334.4	2341.9	2351.0	2357.0	2357.0	2372.1	2378.1	2375.1	2391.7	2396.2	2402.2
32.5°	2519.8	2525.9	2534.9	2541.0	2547.0	2554.5	2556.0	2563.6	2577.1	2589.2	2581.7
35°	2753.6	2768.7	2753.6	2770.2	2774.7	2785.3	2782.2	2791.3	2797.3	2801.8	2800.3
37.5°	3092.9	3085.3	3082.3	3076.3	3065.7	3101.9	3083.8	3082.3	3073.3	3098.9	3082.3
40°	3539.2	3543.8	3548.3	3524.2	3510.6	3510.6	3506.1	3489.5	3481.9	3504.6	3501.5
42.5°	4005.2	4009.7	3988.6	3973.5	3938.9	3934.3	3913.2	3908.7	3901.2	3913.2	3901.2
45°	4429.0	4432.0	4385.2	4392.8	4365.6	4370.1	4337.0	4350.5	4332.4	4344.5	4367.1
47.5°	4902.5	4908.5	4867.8	4884.4	4857.2	4840.6	4839.1	4848.2	4828.6	4840.6	4846.7
50°	5332.2	5324.7	5303.6	5308.1	5296.1	5299.1	5281.0	5297.6	5274.9	5299.1	5296.1
52.5°	5713.8	5704.7	5700.2	5715.3	5704.7	5704.7	5694.2	5701.7	5704.7	5740.9	5748.4
55°	6176.7	6184.3	6191.8	6218.9	6231.0	6211.4	6231.0	6268.7	6270.2	6356.2	6402.9
57.5°	6920.2	6972.9	7000.1	7016.7	7087.5	7080.0	7125.2	7215.7	7224.8	7423.8	7539.9
60°	8217.0	8310.5	8399.5	8351.2	8494.5	8538.2	8565.4	8734.3	8787.0	8975.5	9076.6
62.5°	9854.7	9865.3	10004.0	9960.3	10041.7	10022.1	10055.3	10132.2	10201.5	10356.9	10451.9
65°	10997.7	11047.5	11101.8	11046.0	11044.5	10978.1	10935.9	10934.4	10976.6	11009.8	11115.4
67°	11308.4	11358.2	11371.7	11331.0	11272.2	11187.8	11109.3	11068.6	11041.5	11056.6	11122.9
67.5°	11305.4	11352.1	11368.7	11329.5	11248.1	11177.2	11094.3	11047.5	11011.3	11018.9	11074.7
70°	10663.0	10764.0	10818.3	10830.4	10819.8	10696.2	10625.3	10583.1	10552.9	10479.0	10474.5
72.5°	9034.3	9156.5	9198.7	9266.6	9296.7	9114.3	9037.4	9084.1	8978.6	8744.8	8755.4
75°	6633.6	6642.7	6500.9	6473.8	6372.8	5959.6	5835.9	5722.8	5541.9	5259.9	4994.5
77.5°	3457.8	3456.3	3293.4	3210.5	3089.9	2841.0	2829.0	2626.9	2485.2	2227.3	2133.8
80°	2456.5	2495.7	2550.0	2577.1	2534.9	2438.4	2305.7	2162.5	1998.1	1836.7	1643.7
82.5°	2284.6	2308.7	2337.4	2231.8	2173.0	2037.3	1936.3	1728.2	1612.0	1428.1	1233.5
85°	1111.4	1185.3	1128.0	1061.6	1039.0	812.8	785.7	656.0	595.7	490.1	456.9
87.5°	70.9	87.5	78.4	70.9	61.8	34.7	46.7	33.2	34.7	25.6	22.6
90°	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):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	1500.4	1500.4	1500.4	1500.4	1500.4	1500.4	1500.4	1500.4	1500.4	1500.4	1500.4
2.5°	1521.6	1520.1	1518.5	1517.0	1515.5	1515.5	1514.0	1512.5	1511.0	1508.0	1508.0
5°	1550.2	1550.2	1548.7	1545.7	1545.7	1542.7	1538.1	1536.6	1536.6	1533.6	1530.6
7.5°	1597.0	1595.5	1592.4	1590.9	1587.9	1584.9	1581.9	1578.9	1577.4	1572.8	1571.3
10°	1667.8	1664.8	1657.3	1654.3	1652.8	1649.7	1646.7	1643.7	1639.2	1636.2	1634.7
12.5°	1747.8	1746.2	1740.2	1743.2	1735.7	1732.7	1729.7	1722.1	1725.1	1719.1	1716.1
15°	1827.7	1829.2	1826.2	1826.2	1820.1	1815.6	1812.6	1806.6	1805.1	1802.0	1799.0
17.5°	1898.6	1901.6	1897.0	1894.0	1891.0	1888.0	1882.0	1875.9	1875.9	1869.9	1866.9
20°	1963.4	1966.4	1964.9	1961.9	1957.4	1955.9	1952.8	1948.3	1948.3	1945.3	1940.8
22.5°	2037.3	2038.8	2038.8	2037.3	2032.8	2034.3	2031.3	2026.7	2028.2	2022.2	2022.2
25°	2126.3	2129.3	2132.3	2133.8	2130.8	2132.3	2129.3	2126.3	2124.8	2126.3	2124.8
27.5°	2248.4	2251.4	2260.5	2252.9	2260.5	2262.0	2257.5	2251.4	2255.9	2263.5	2259.0
30°	2409.8	2406.7	2418.8	2420.3	2418.8	2420.3	2417.3	2412.8	2415.8	2429.4	2421.8
32.5°	2590.7	2596.8	2599.8	2602.8	2607.3	2613.3	2608.8	2604.3	2611.8	2607.3	2617.9
35°	2809.4	2823.0	2827.5	2823.0	2826.0	2836.5	2835.0	2836.5	2851.6	2836.5	2856.1
37.5°	3085.3	3098.9	3109.5	3103.4	3111.0	3111.0	3123.0	3156.2	3135.1	3162.2	3183.4
40°	3486.5	3507.6	3509.1	3507.6	3515.1	3524.2	3536.2	3572.4	3548.3	3576.9	3596.5
42.5°	3899.7	3925.3	3934.3	3919.3	3935.8	3955.4	3957.0	3988.6	3990.1	3994.7	4005.2
45°	4365.6	4388.2	4406.3	4398.8	4400.3	4425.9	4419.9	4450.1	4427.4	4427.4	4433.5
47.5°	4861.7	4882.9	4894.9	4907.0	4891.9	4914.5	4925.1	4919.1	4891.9	4885.9	4849.7
50°	5314.1	5332.2	5350.3	5383.5	5382.0	5392.6	5400.1	5373.0	5366.9	5333.7	5293.0
52.5°	5793.7	5840.4	5881.1	5950.5	5961.1	5997.3	5983.7	5938.5	5930.9	5876.6	5822.3
55°	6461.7	6595.9	6654.7	6761.8	6834.2	6832.7	6802.5	6795.0	6737.7	6629.1	6564.3
57.5°	7624.4	7834.0	7935.0	8073.8	8096.4	8082.8	8043.6	7974.2	7874.7	7692.2	7574.6
60°	9302.8	9432.5	9550.1	9583.3	9599.8	9574.2	9437.0	9283.2	9088.6	8836.8	8627.2
62.5°	10571.0	10703.7	10791.2	10777.6	10673.5	10542.3	10341.8	10083.9	9811.0	9529.0	9215.3
65°	11216.4	11272.2	11258.6	11153.1	10975.1	10745.9	10453.4	10135.2	9814.0	9480.7	9155.0
67°	11181.7	11183.2	11091.2	10886.2	10658.5	10370.4	10013.0	9666.2	9289.2	8939.3	8551.8
67.5°	11119.9	11113.9	10985.7	10761.0	10515.2	10218.1	9847.2	9488.3	9097.7	8744.8	8343.7
70°	10420.2	10335.7	10046.2	9687.3	9345.0	8943.9	8554.8	8143.1	7702.8	7399.7	6938.2
72.5°	8562.3	8277.3	7778.2	7402.7	7036.3	6511.5	6268.7	5757.5	5448.4	5255.3	4907.0
75°	4958.3	4720.0	4334.0	3982.6	3804.7	3494.0	3346.2	2970.7	2892.3	2889.3	2768.7
77.5°	1892.5	1651.2	1402.4	1129.5	960.6	763.0	672.6	601.7	547.4	585.1	530.8
80°	1419.0	1167.2	912.3	663.5	473.5	349.9	300.1	277.5	263.9	253.3	245.8
82.5°	1057.1	833.9	646.9	422.2	295.6	223.2	193.0	181.0	174.9	164.4	155.3
85°	357.4	286.5	226.2	156.8	123.7	101.0	93.5	90.5	86.0	78.4	73.9
87.5°	19.6	18.1	19.6	15.1	18.1	15.1	16.6	16.6	16.6	15.1	15.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P151264

CATALOG NUMBER: TLM-F06-LED-E1-SL3-7030

CANDELA DISTRIBUTION (continued):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	1500.4	1500.4	1500.4	1500.4	1500.4	1500.4	1500.4	1500.4	1500.4	1500.4	1500.4
2.5°	1506.5	1506.5	1506.5	1503.5	1498.9	1489.9	1480.8	1473.3	1465.8	1461.2	1458.2
5°	1529.1	1526.1	1524.6	1523.1	1512.5	1494.4	1477.8	1462.7	1447.7	1435.6	1431.1
7.5°	1569.8	1563.8	1562.3	1557.8	1544.2	1517.0	1492.9	1468.8	1447.7	1431.1	1423.5
10°	1631.6	1631.6	1622.6	1616.6	1601.5	1565.3	1530.6	1498.9	1470.3	1452.2	1447.7
12.5°	1710.1	1710.1	1702.5	1698.0	1679.9	1633.1	1590.9	1553.2	1526.1	1508.0	1506.5
15°	1791.5	1790.0	1783.9	1777.9	1758.3	1708.5	1666.3	1633.1	1610.5	1589.4	1583.4
17.5°	1863.9	1863.9	1856.3	1850.3	1830.7	1788.5	1750.8	1726.6	1701.0	1657.3	1624.1
20°	1936.3	1937.8	1931.7	1925.7	1909.1	1872.9	1856.3	1832.2	1774.9	1679.9	1601.5
22.5°	2016.2	2022.2	2014.7	2008.6	1995.1	1980.0	1974.0	1916.7	1796.0	1643.7	1529.1
25°	2118.7	2129.3	2120.2	2117.2	2109.7	2114.2	2096.1	1963.4	1765.9	1565.3	1422.0
27.5°	2259.0	2259.0	2260.5	2260.5	2257.5	2274.0	2207.7	1964.9	1699.5	1464.3	1293.9
30°	2423.3	2432.4	2429.4	2429.4	2441.4	2452.0	2269.5	1931.7	1615.1	1339.1	1137.0
32.5°	2620.9	2628.4	2631.4	2617.9	2666.1	2611.8	2292.1	1871.4	1511.0	1183.8	950.0
35°	2859.1	2869.7	2877.2	2878.7	2910.4	2750.6	2280.1	1782.4	1361.7	989.2	744.9
37.5°	3169.8	3190.9	3207.5	3215.0	3216.5	2868.2	2246.9	1664.8	1167.2	772.1	554.9
40°	3583.0	3605.6	3601.1	3616.2	3530.2	2937.6	2171.5	1494.4	925.9	567.0	428.3
42.5°	3981.1	3984.1	3990.1	3976.6	3801.6	2973.8	2065.9	1286.3	693.7	423.7	366.4
45°	4425.9	4400.3	4371.7	4350.5	4052.0	2987.3	1921.2	1033.0	490.1	355.9	339.3
47.5°	4843.7	4809.0	4750.2	4689.8	4275.1	2966.2	1735.7	773.6	372.5	325.7	321.2
50°	5253.8	5189.0	5106.0	5036.7	4489.3	2934.5	1530.6	558.0	325.7	310.6	306.1
52.5°	5762.0	5653.4	5544.9	5454.4	4768.3	2884.8	1315.0	423.7	306.1	298.6	292.5
55°	6458.7	6307.9	6133.0	6006.3	5146.8	2809.4	1088.8	358.9	297.1	291.0	282.0
57.5°	7423.8	7197.6	7000.1	6793.5	5664.0	2732.5	894.2	333.3	295.6	286.5	274.5
60°	8410.0	8138.6	7886.8	7591.2	6191.8	2655.6	758.5	330.2	300.1	286.5	268.4
62.5°	8922.8	8642.3	8339.2	8039.1	6419.5	2474.6	665.0	334.8	310.6	291.0	268.4
65°	8805.1	8462.8	8155.2	7849.1	6155.6	2132.3	562.5	340.8	331.8	309.1	272.9
67°	8214.0	7856.6	7561.0	7268.5	5567.5	1785.5	482.6	346.8	354.4	330.2	282.0
67.5°	8005.9	7648.5	7357.5	7072.5	5394.1	1713.1	463.0	349.9	358.9	336.3	285.0
70°	6638.2	6375.8	6066.6	5846.5	4367.1	1268.2	380.0	355.9	386.0	371.0	298.6
72.5°	4777.3	4527.0	4294.7	4172.6	3216.5	886.7	319.7	349.9	402.6	390.6	304.6
75°	2539.5	2524.4	2439.9	2500.2	1990.5	579.1	282.0	327.2	384.5	357.4	283.5
77.5°	512.7	527.8	619.8	610.7	642.4	322.7	241.3	280.5	297.1	262.4	230.7
80°	238.3	233.7	229.2	232.2	227.7	206.6	196.0	220.2	206.6	168.9	153.8
82.5°	147.8	144.8	140.2	138.7	153.8	164.4	171.9	173.4	137.2	117.6	113.1
85°	70.9	70.9	69.4	72.4	90.5	134.2	144.8	128.2	92.0	84.4	79.9
87.5°	13.6	13.6	15.1	13.6	18.1	31.7	36.2	42.2	34.7	36.2	40.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P151264

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CANDELA DISTRIBUTION (continued):

	165°	175°	180°
0°	1500.4	1500.4	1500.4
2.5°	1455.2	1452.2	1452.2
5°	1425.0	1423.5	1423.5
7.5°	1417.5	1419.0	1417.5
10°	1446.2	1444.7	1450.7
12.5°	1509.5	1514.0	1512.5
15°	1575.8	1578.9	1578.9
17.5°	1595.5	1584.9	1583.4
20°	1544.2	1524.6	1520.1
22.5°	1447.7	1411.5	1413.0
25°	1325.5	1281.8	1284.8
27.5°	1183.8	1137.0	1135.5
30°	1013.4	962.1	936.5
32.5°	808.3	746.5	746.5
35°	607.7	558.0	539.9
37.5°	461.4	432.8	423.7
40°	384.5	371.0	367.9
42.5°	349.9	345.3	343.8
45°	331.8	328.7	327.2
47.5°	315.2	313.7	312.2
50°	303.1	301.6	300.1
52.5°	292.5	289.5	288.0
55°	277.5	277.5	277.5
57.5°	268.4	268.4	266.9
60°	259.4	257.9	257.9
62.5°	251.8	248.8	250.3
65°	247.3	242.8	242.8
67°	244.3	235.2	235.2
67.5°	244.3	232.2	232.2
70°	239.8	220.2	217.2
72.5°	235.2	206.6	202.1
75°	223.2	196.0	191.5
77.5°	191.5	174.9	171.9
80°	147.8	128.2	131.2
82.5°	107.1	92.0	90.5
85°	76.9	66.4	66.4
87.5°	40.7	34.7	36.2
90°	0.0	0.0	0.0

(END OF REPORT)