

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: P151256

Luminaire Tested: **TLM-F05-LED-E1-SL3-7050**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-41-14  
Report Number: P151256  
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-F05-LED-E1-SL3-7050  
Description: TALON MEDIUM LED SITE LUMINAIRE  
(5) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL  
Light Source: (35) 5000K CCT, 70 CRI LEDs  
Ballast/Driver: -

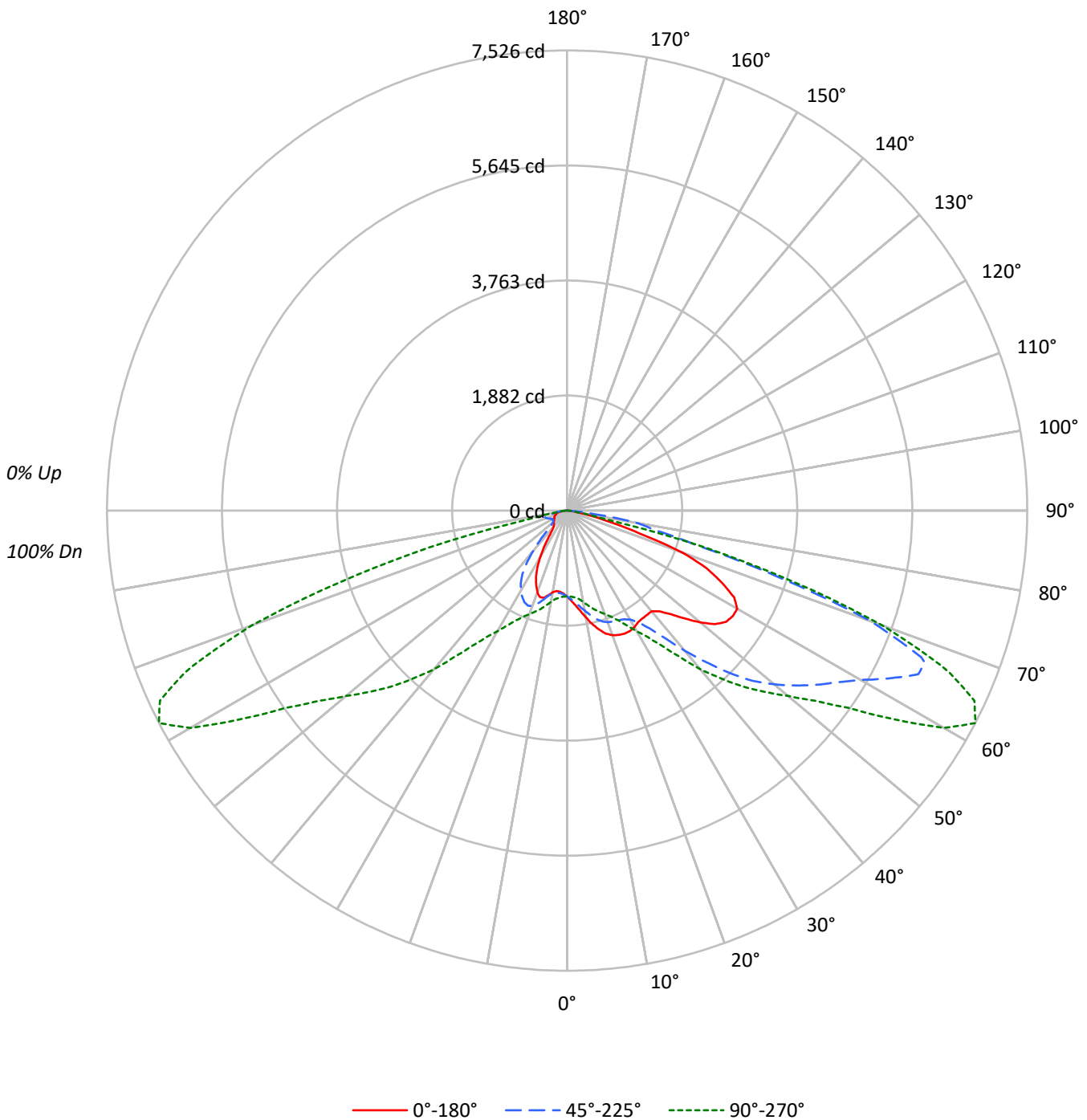
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 12859.3 lumens  
Efficiency: N/A  
Efficacy: 96.5 lumens/watt  
Spacing Criteria (0/90/45): 1.44 / 3.92 / 2.51  
Luminous Opening: Rectangular (W 0.83' x L: 1' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 133.3  
Input Voltage (V): NR  
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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CATALOG NUMBER: TLM-F05-LED-E1-SL3-7050

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

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°
0°	18217	18217	18217
5°	20235	18563	17349
10°	23387	19929	17884
15°	27048	22348	19845
20°	29927	24882	19640
25°	31756	28364	17211
30°	32960	34059	13128
35°	34063	42668	8001
40°	36376	57314	5832
45°	43940	74700	5619
50°	57395	95136	5667
55°	71694	127141	5874
60°	83305	184335	6261
65°	85691	225495	6975
70°	76283	207542	7709
75°	36643	117290	8984
80°	12651	16236	9171
85°	5669	10088	9240



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	139.9	1.1
10°-20°	479.6	3.7
20°-30°	846.8	6.6
30°-40°	1215.4	9.5
40°-50°	1846.0	14.4
50°-60°	2717.9	21.1
60°-70°	3612.0	28.1
70°-80°	1767.1	13.7
80°-90°	234.6	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°	1466.2	11.4
0°-40°	2681.6	20.9
0°-60°	7245.6	56.3
0°-90°	12859.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	12859.3	100.0

**CANDELA DISTRIBUTION:**

	0°	45°	90°	135°	180°	Flux
0°	1405	1405	1405	1405	1405	
5°	1554	1511	1426	1355	1333	155
15°	2015	1834	1664	1508	1478	572
25°	2219	1978	1982	1653	1203	1022
35°	2152	2351	2695	1275	505	1356
45°	2396	3757	4073	459	306	1893
55°	3171	4970	5623	278	260	2798
65°	2792	6338	7348	311	227	2711
75°	731	2180	2341	360	179	911
85°	38	120	68	86	62	56
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°	1404.7	1404.7	1404.7	1404.7	1404.7	1404.7	1404.7	1404.7	1404.7	1404.7	1404.7
2.5°	1471.1	1472.5	1469.7	1468.3	1459.8	1451.3	1445.7	1438.6	1438.6	1438.6	1435.8
5°	1554.4	1548.7	1553.0	1543.1	1526.1	1510.6	1495.1	1482.4	1479.6	1479.6	1473.9
7.5°	1654.6	1647.6	1644.7	1630.6	1605.2	1582.6	1551.6	1538.9	1531.8	1529.0	1526.1
10°	1776.0	1776.0	1757.7	1733.7	1699.8	1660.3	1626.4	1603.8	1602.4	1602.4	1589.7
12.5°	1900.3	1903.1	1879.1	1855.1	1800.0	1747.8	1708.3	1682.9	1681.4	1675.8	1668.7
15°	2014.6	2007.6	1992.0	1956.7	1896.0	1833.9	1784.5	1759.1	1753.4	1747.8	1743.6
17.5°	2109.2	2102.2	2082.4	2037.2	1973.7	1900.3	1839.6	1812.7	1809.9	1807.1	1801.4
20°	2168.5	2162.9	2134.6	2082.4	2016.0	1941.2	1876.3	1857.9	1852.3	1852.3	1849.4
22.5°	2202.4	2193.9	2153.0	2083.8	2018.9	1963.8	1910.2	1898.9	1894.6	1896.0	1896.0
25°	2219.3	2212.3	2154.4	2055.6	1993.5	1977.9	1955.3	1948.3	1949.7	1951.1	1953.9
27.5°	2222.2	2212.3	2144.5	2018.9	1961.0	2004.7	2020.3	2031.6	2031.6	2037.2	2047.1
30°	2201.0	2189.7	2124.7	1990.6	1946.9	2058.4	2120.5	2150.2	2161.5	2158.6	2181.2
32.5°	2164.3	2157.2	2105.0	1990.6	1986.4	2164.3	2274.4	2316.8	2322.4	2325.2	2350.6
35°	2151.6	2150.2	2127.6	2058.4	2109.2	2350.6	2518.6	2551.1	2558.2	2558.2	2576.5
37.5°	2148.7	2155.8	2181.2	2185.5	2325.2	2627.3	2847.6	2897.0	2897.0	2911.1	2911.1
40°	2148.7	2164.3	2260.3	2374.6	2589.2	2987.4	3292.3	3348.8	3348.8	3364.3	3355.8
42.5°	2232.0	2254.6	2412.8	2630.2	2922.4	3358.7	3708.8	3772.3	3776.5	3772.3	3785.0
45°	2395.8	2415.6	2607.6	2919.6	3265.5	3756.8	4106.9	4183.1	4167.6	4177.5	4181.7
47.5°	2613.2	2644.3	2863.1	3235.8	3600.1	4125.3	4553.0	4622.2	4616.6	4620.8	4602.4
50°	2844.8	2877.2	3121.5	3549.2	3933.3	4421.7	4911.6	5014.7	5004.8	5011.9	5021.7
52.5°	3049.5	3069.2	3305.0	3785.0	4186.0	4698.4	5186.9	5315.4	5338.0	5340.8	5347.9
55°	3170.9	3194.9	3410.9	3902.2	4369.5	4969.5	5501.8	5696.6	5740.3	5751.6	5782.7
57.5°	3213.2	3238.7	3434.9	3919.1	4469.7	5223.6	5940.8	6283.9	6320.6	6381.3	6480.1
60°	3211.8	3238.7	3409.5	3881.0	4571.4	5538.5	6624.1	7198.7	7385.1	7447.2	7588.4
62.5°	3080.5	3111.6	3285.2	3765.3	4701.3	5940.8	7640.6	8524.4	8764.4	8877.4	9029.8
65°	2792.5	2815.1	2977.5	3471.6	4664.6	6337.5	8490.5	9593.1	9812.0	9977.1	10249.6
67°	2537.0	2551.1	2678.2	3124.3	4306.0	6351.7	8758.8	9858.5	10049.1	10224.2	10505.1
67.5°	2472.0	2501.7	2600.5	3018.4	4171.8	6271.2	8740.4	9817.6	10012.4	10194.6	10491.0
70°	2011.8	2054.2	2103.6	2384.5	3279.6	5275.9	8092.4	9108.9	9279.7	9449.1	9862.8
72.5°	1241.0	1317.2	1327.1	1505.0	2134.6	3646.7	6547.9	7681.6	7810.0	7931.5	8355.0
75°	731.3	742.6	777.9	921.9	1252.3	2179.8	4393.5	5706.5	5825.1	5884.4	6216.1
77.5°	408.0	419.3	449.0	573.2	962.8	1468.3	2558.2	3353.0	3425.0	3499.8	3446.2
80°	169.4	184.9	199.1	231.5	450.4	1159.1	1759.1	2131.8	2178.4	2222.2	2277.2
82.5°	81.9	87.5	107.3	122.8	163.8	475.8	1379.3	1848.0	1903.1	1966.6	2095.1
85°	38.1	42.4	59.3	70.6	79.1	120.0	461.7	899.3	975.5	989.7	1015.1
87.5°	2.8	2.8	7.1	9.9	14.1	15.5	48.0	67.8	76.2	69.2	87.5
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°	1404.7	1404.7	1404.7	1404.7	1404.7	1404.7	1404.7	1404.7	1404.7	1404.7	1404.7
2.5°	1434.4	1433.0	1430.1	1430.1	1428.7	1428.7	1428.7	1425.9	1425.9	1425.9	1424.5
5°	1472.5	1471.1	1466.9	1466.9	1464.0	1464.0	1459.8	1458.4	1455.6	1455.6	1454.1
7.5°	1521.9	1520.5	1514.9	1514.9	1510.6	1509.2	1506.4	1502.1	1502.1	1499.3	1496.5
10°	1589.7	1585.4	1584.0	1577.0	1578.4	1575.6	1572.7	1568.5	1565.7	1562.9	1560.0
12.5°	1665.9	1665.9	1658.9	1654.6	1657.4	1654.6	1649.0	1647.6	1643.3	1643.3	1639.1
15°	1737.9	1737.9	1735.1	1729.4	1730.9	1726.6	1725.2	1722.4	1716.7	1718.2	1716.7
17.5°	1800.0	1800.0	1795.8	1793.0	1793.0	1788.7	1790.2	1787.3	1784.5	1783.1	1778.9
20°	1849.4	1849.4	1846.6	1843.8	1845.2	1845.2	1841.0	1841.0	1841.0	1838.2	1838.2
22.5°	1897.4	1898.9	1898.9	1898.9	1900.3	1901.7	1900.3	1903.1	1901.7	1904.5	1904.5
25°	1961.0	1965.2	1968.0	1968.0	1975.1	1976.5	1977.9	1982.2	1982.2	1986.4	1987.8
27.5°	2055.6	2058.4	2069.7	2072.5	2073.9	2085.2	2086.6	2092.3	2097.9	2099.3	2100.7
30°	2185.5	2192.5	2201.0	2206.6	2206.6	2220.7	2226.4	2223.6	2239.1	2243.3	2249.0
32.5°	2359.1	2364.8	2373.2	2378.9	2384.5	2391.6	2393.0	2400.0	2412.8	2424.0	2417.0
35°	2577.9	2592.1	2577.9	2593.5	2597.7	2607.6	2604.8	2613.2	2618.9	2623.1	2621.7
37.5°	2895.6	2888.5	2885.7	2880.1	2870.2	2904.1	2887.1	2885.7	2877.2	2901.2	2885.7
40°	3313.5	3317.7	3321.9	3299.4	3286.7	3286.7	3282.4	3266.9	3259.8	3281.0	3278.2
42.5°	3749.7	3754.0	3734.2	3720.1	3687.6	3683.4	3663.6	3659.4	3652.3	3663.6	3652.3
45°	4146.4	4149.3	4105.5	4112.6	4087.1	4091.4	4060.3	4073.0	4056.1	4067.4	4088.6
47.5°	4589.7	4595.4	4557.3	4572.8	4547.4	4531.9	4530.4	4538.9	4520.6	4531.9	4537.5
50°	4992.1	4985.0	4965.3	4969.5	4958.2	4961.0	4944.1	4959.6	4938.5	4961.0	4958.2
52.5°	5349.3	5340.8	5336.6	5350.7	5340.8	5340.8	5330.9	5338.0	5340.8	5374.7	5381.8
55°	5782.7	5789.8	5796.8	5822.2	5833.5	5815.2	5833.5	5868.8	5870.2	5950.7	5994.5
57.5°	6478.7	6528.1	6553.5	6569.1	6635.4	6628.4	6670.7	6755.4	6763.9	6950.3	7059.0
60°	7692.9	7780.4	7863.7	7818.5	7952.6	7993.6	8019.0	8177.1	8226.5	8403.0	8497.6
62.5°	9226.1	9235.9	9365.8	9324.9	9401.1	9382.8	9413.8	9485.8	9550.8	9696.2	9785.1
65°	10296.2	10342.8	10393.6	10341.4	10340.0	10277.9	10238.3	10236.9	10276.4	10307.5	10406.3
67°	10587.0	10633.6	10646.3	10608.2	10553.2	10474.1	10400.7	10362.6	10337.1	10351.3	10413.4
67.5°	10584.2	10628.0	10643.5	10606.8	10530.6	10464.2	10386.6	10342.8	10308.9	10316.0	10368.2
70°	9982.8	10077.4	10128.2	10139.5	10129.6	10013.8	9947.5	9908.0	9879.7	9810.5	9806.3
72.5°	8458.1	8572.4	8611.9	8675.5	8703.7	8532.9	8460.9	8504.6	8405.8	8187.0	8196.9
75°	6210.5	6218.9	6086.2	6060.8	5966.2	5579.4	5463.6	5357.8	5188.3	4924.3	4675.9
77.5°	3237.2	3235.8	3083.4	3005.7	2892.8	2659.8	2648.5	2459.3	2326.6	2085.2	1997.7
80°	2299.8	2336.5	2387.3	2412.8	2373.2	2282.9	2158.6	2024.5	1870.6	1719.6	1538.9
82.5°	2138.9	2161.5	2188.3	2089.5	2034.4	1907.3	1812.7	1617.9	1509.2	1337.0	1154.8
85°	1040.5	1109.7	1056.0	993.9	972.7	761.0	735.5	614.1	557.7	458.8	427.8
87.5°	66.4	81.9	73.4	66.4	57.9	32.5	43.8	31.1	32.5	24.0	21.2
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°	1404.7	1404.7	1404.7	1404.7	1404.7	1404.7	1404.7	1404.7	1404.7	1404.7	1404.7
2.5°	1424.5	1423.1	1421.7	1420.3	1418.9	1418.9	1417.4	1416.0	1414.6	1411.8	1411.8
5°	1451.3	1451.3	1449.9	1447.1	1447.1	1444.3	1440.0	1438.6	1438.6	1435.8	1433.0
7.5°	1495.1	1493.7	1490.9	1489.4	1486.6	1483.8	1481.0	1478.1	1476.7	1472.5	1471.1
10°	1561.4	1558.6	1551.6	1548.7	1547.3	1544.5	1541.7	1538.9	1534.6	1531.8	1530.4
12.5°	1636.3	1634.9	1629.2	1632.0	1625.0	1622.1	1619.3	1612.3	1615.1	1609.4	1606.6
15°	1711.1	1712.5	1709.7	1709.7	1704.0	1699.8	1697.0	1691.3	1689.9	1687.1	1684.3
17.5°	1777.4	1780.3	1776.0	1773.2	1770.4	1767.6	1761.9	1756.3	1756.3	1750.6	1747.8
20°	1838.2	1841.0	1839.6	1836.7	1832.5	1831.1	1828.3	1824.0	1824.0	1821.2	1817.0
22.5°	1907.3	1908.7	1908.7	1907.3	1903.1	1904.5	1901.7	1897.4	1898.9	1893.2	1893.2
25°	1990.6	1993.5	1996.3	1997.7	1994.9	1996.3	1993.5	1990.6	1989.2	1990.6	1989.2
27.5°	2105.0	2107.8	2116.3	2109.2	2116.3	2117.7	2113.5	2107.8	2112.0	2119.1	2114.9
30°	2256.0	2253.2	2264.5	2265.9	2264.5	2265.9	2263.1	2258.9	2261.7	2274.4	2267.3
32.5°	2425.5	2431.1	2433.9	2436.8	2441.0	2446.6	2442.4	2438.2	2445.2	2441.0	2450.9
35°	2630.2	2642.9	2647.1	2642.9	2645.7	2655.6	2654.2	2655.6	2669.7	2655.6	2673.9
37.5°	2888.5	2901.2	2911.1	2905.5	2912.5	2912.5	2923.8	2954.9	2935.1	2960.5	2980.3
40°	3264.1	3283.8	3285.2	3283.8	3290.9	3299.4	3310.7	3344.5	3321.9	3348.8	3367.1
42.5°	3650.9	3674.9	3683.4	3669.2	3684.8	3703.1	3704.5	3734.2	3735.6	3739.8	3749.7
45°	4087.1	4108.3	4125.3	4118.2	4119.6	4143.6	4138.0	4166.2	4145.0	4145.0	4150.7
47.5°	4551.6	4571.4	4582.7	4594.0	4579.9	4601.0	4610.9	4605.3	4579.9	4574.2	4540.3
50°	4975.2	4992.1	5009.0	5040.1	5038.7	5048.6	5055.6	5030.2	5024.6	4993.5	4955.4
52.5°	5424.1	5467.9	5506.0	5570.9	5580.8	5614.7	5602.0	5559.6	5552.6	5501.8	5450.9
55°	6049.5	6175.2	6230.2	6330.5	6398.2	6396.8	6368.6	6361.5	6307.9	6206.2	6145.5
57.5°	7138.0	7334.3	7428.9	7558.7	7579.9	7567.2	7530.5	7465.6	7372.4	7201.6	7091.4
60°	8709.3	8830.8	8940.9	8971.9	8987.5	8963.5	8835.0	8691.0	8508.9	8273.1	8076.9
62.5°	9896.7	10020.9	10102.8	10090.1	9992.7	9869.8	9682.1	9440.7	9185.1	8921.1	8627.5
65°	10500.9	10553.2	10540.4	10441.6	10275.0	10060.4	9786.5	9488.7	9187.9	8875.9	8571.0
67°	10468.4	10469.9	10383.7	10191.7	9978.6	9708.9	9374.3	9049.6	8696.6	8369.1	8006.3
67.5°	10410.6	10404.9	10284.9	10074.6	9844.4	9566.3	9219.0	8883.0	8517.3	8187.0	7811.4
70°	9755.5	9676.4	9405.4	9069.4	8748.9	8373.3	8009.1	7623.7	7211.4	6927.7	6495.7
72.5°	8016.2	7749.3	7282.0	6930.5	6587.4	6096.1	5868.8	5390.2	5100.8	4920.1	4594.0
75°	4642.0	4418.9	4057.5	3728.5	3562.0	3271.1	3132.8	2781.2	2707.8	2705.0	2592.1
77.5°	1771.8	1545.9	1313.0	1057.4	899.3	714.4	629.7	563.3	512.5	547.8	497.0
80°	1328.5	1092.7	854.1	621.2	443.3	327.5	280.9	259.8	247.1	237.2	230.1
82.5°	989.7	780.7	605.7	395.3	276.7	208.9	180.7	169.4	163.8	153.9	145.4
85°	334.6	268.2	211.8	146.8	115.8	94.6	87.5	84.7	80.5	73.4	69.2
87.5°	18.4	16.9	18.4	14.1	16.9	14.1	15.5	15.5	15.5	14.1	14.1
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: P151256

CATALOG NUMBER: TLM-F05-LED-E1-SL3-7050

**CANDELA DISTRIBUTION (continued):**

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	1404.7	1404.7	1404.7	1404.7	1404.7	1404.7	1404.7	1404.7	1404.7	1404.7	1404.7
2.5°	1410.4	1410.4	1410.4	1407.6	1403.3	1394.9	1386.4	1379.3	1372.3	1368.0	1365.2
5°	1431.6	1428.7	1427.3	1425.9	1416.0	1399.1	1383.6	1369.4	1355.3	1344.0	1339.8
7.5°	1469.7	1464.0	1462.6	1458.4	1445.7	1420.3	1397.7	1375.1	1355.3	1339.8	1332.7
10°	1527.6	1527.6	1519.1	1513.4	1499.3	1465.4	1433.0	1403.3	1376.5	1359.6	1355.3
12.5°	1601.0	1601.0	1593.9	1589.7	1572.7	1529.0	1489.4	1454.1	1428.7	1411.8	1410.4
15°	1677.2	1675.8	1670.2	1664.5	1646.2	1599.6	1560.0	1529.0	1507.8	1488.0	1482.4
17.5°	1745.0	1745.0	1737.9	1732.3	1713.9	1674.4	1639.1	1616.5	1592.5	1551.6	1520.5
20°	1812.7	1814.2	1808.5	1802.9	1787.3	1753.4	1737.9	1715.3	1661.7	1572.7	1499.3
22.5°	1887.6	1893.2	1886.2	1880.5	1867.8	1853.7	1848.0	1794.4	1681.4	1538.9	1431.6
25°	1983.6	1993.5	1985.0	1982.2	1975.1	1979.3	1962.4	1838.2	1653.2	1465.4	1331.3
27.5°	2114.9	2114.9	2116.3	2116.3	2113.5	2129.0	2066.9	1839.6	1591.1	1370.9	1211.3
30°	2268.8	2277.2	2274.4	2274.4	2285.7	2295.6	2124.7	1808.5	1512.0	1253.7	1064.5
32.5°	2453.7	2460.8	2463.6	2450.9	2496.0	2445.2	2145.9	1752.0	1414.6	1108.3	889.4
35°	2676.8	2686.6	2693.7	2695.1	2724.8	2575.1	2134.6	1668.7	1274.8	926.1	697.4
37.5°	2967.6	2987.4	3002.9	3009.9	3011.4	2685.2	2103.6	1558.6	1092.7	722.8	519.5
40°	3354.4	3375.6	3371.4	3385.5	3305.0	2750.2	2033.0	1399.1	866.8	530.8	400.9
42.5°	3727.1	3730.0	3735.6	3722.9	3559.1	2784.1	1934.2	1204.3	649.4	396.7	343.1
45°	4143.6	4119.6	4092.8	4073.0	3793.5	2796.8	1798.6	967.1	458.8	333.2	317.7
47.5°	4534.7	4502.2	4447.1	4390.7	4002.4	2777.0	1625.0	724.2	348.7	304.9	300.7
50°	4918.7	4858.0	4780.3	4715.4	4202.9	2747.3	1433.0	522.4	304.9	290.8	286.6
52.5°	5394.5	5292.8	5191.2	5106.5	4464.1	2700.8	1231.1	396.7	286.6	279.5	273.9
55°	6046.7	5905.5	5741.8	5623.2	4818.4	2630.2	1019.3	336.0	278.1	272.5	264.0
57.5°	6950.3	6738.5	6553.5	6360.1	5302.7	2558.2	837.2	312.0	276.7	268.2	256.9
60°	7873.6	7619.4	7383.7	7107.0	5796.8	2486.2	710.1	309.2	280.9	268.2	251.3
62.5°	8353.6	8091.0	7807.2	7526.3	6010.0	2316.8	622.6	313.4	290.8	272.5	251.3
65°	8243.5	7923.0	7635.0	7348.4	5762.9	1996.3	526.6	319.1	310.6	289.4	255.5
67°	7690.0	7355.4	7078.7	6804.8	5212.3	1671.6	451.8	324.7	331.8	309.2	264.0
67.5°	7495.2	7160.6	6888.1	6621.3	5050.0	1603.8	433.4	327.5	336.0	314.8	266.8
70°	6214.7	5969.1	5679.6	5473.5	4088.6	1187.3	355.8	333.2	361.4	347.3	279.5
72.5°	4472.6	4238.2	4020.8	3906.4	3011.4	830.1	299.3	327.5	376.9	365.7	285.2
75°	2377.5	2363.3	2284.3	2340.8	1863.6	542.1	264.0	306.4	360.0	334.6	265.4
77.5°	480.0	494.1	580.2	571.8	601.4	302.1	225.9	262.6	278.1	245.7	216.0
80°	223.1	218.8	214.6	217.4	213.2	193.4	183.5	206.1	193.4	158.1	144.0
82.5°	138.4	135.5	131.3	129.9	144.0	153.9	160.9	162.4	128.5	110.1	105.9
85°	66.4	66.4	64.9	67.8	84.7	125.6	135.5	120.0	86.1	79.1	74.8
87.5°	12.7	12.7	14.1	12.7	16.9	29.6	33.9	39.5	32.5	33.9	38.1
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: P151256

CATALOG NUMBER: TLM-F05-LED-E1-SL3-7050

**CANDELA DISTRIBUTION (continued):**

	165°	175°	180°
0°	1404.7	1404.7	1404.7
2.5°	1362.4	1359.6	1359.6
5°	1334.1	1332.7	1332.7
7.5°	1327.1	1328.5	1327.1
10°	1353.9	1352.5	1358.1
12.5°	1413.2	1417.4	1416.0
15°	1475.3	1478.1	1478.1
17.5°	1493.7	1483.8	1482.4
20°	1445.7	1427.3	1423.1
22.5°	1355.3	1321.4	1322.8
25°	1241.0	1200.0	1202.8
27.5°	1108.3	1064.5	1063.1
30°	948.7	900.7	876.7
32.5°	756.7	698.8	698.8
35°	569.0	522.4	505.4
37.5°	432.0	405.2	396.7
40°	360.0	347.3	344.5
42.5°	327.5	323.3	321.9
45°	310.6	307.8	306.4
47.5°	295.1	293.7	292.2
50°	283.8	282.4	280.9
52.5°	273.9	271.1	269.7
55°	259.8	259.8	259.8
57.5°	251.3	251.3	249.9
60°	242.8	241.4	241.4
62.5°	235.8	232.9	234.4
65°	231.5	227.3	227.3
67°	228.7	220.2	220.2
67.5°	228.7	217.4	217.4
70°	224.5	206.1	203.3
72.5°	220.2	193.4	189.2
75°	208.9	183.5	179.3
77.5°	179.3	163.8	160.9
80°	138.4	120.0	122.8
82.5°	100.2	86.1	84.7
85°	72.0	62.1	62.1
87.5°	38.1	32.5	33.9
90°	0.0	0.0	0.0

(END OF REPORT)