

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: HALO

Report Number: P571726

Luminaire Tested: **RLS6159FS1EWHDM 5000K**

Issue Date: 9/21/2021

Test Information

Test Method: LM-41-14
Report Number: P571726
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2105753A001)
Test Lab:
Issue Date: 9/21/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO
Catalog Number: RLS6159FS1EWHDM 5000K
Description: 6 INCH SLOPE DM AT 9 Degrees TILT
Light Source: (1) HIGH LUMEN LED 90CRI / 5000K CCT
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1745.0 lumens
Efficiency: N/A
Efficacy: 91.8 lumens/watt
Spacing Criteria (0/90/45): 0.71 / 0.73 / 0.72
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

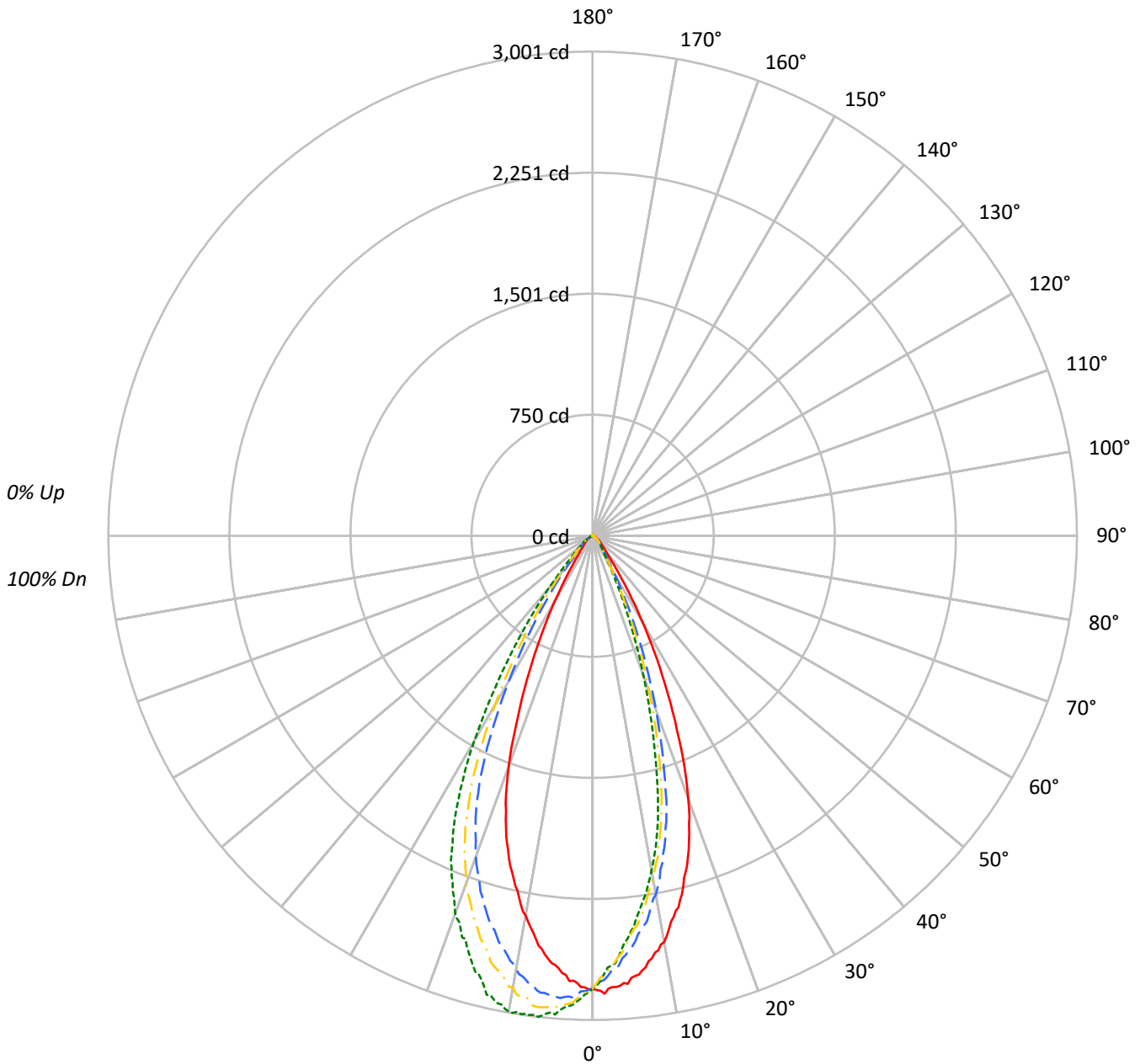
Input Watts (W): 19
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P571726

CATALOG NUMBER: RLS6159FS1EWHDM 5000K

Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20									20									20									20									
RC	80									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	0																
RCR																																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100																			
1	114	111	108	106	111	109	107	105	105	103	101	101	99	98	97	96	95	94																			
2	108	104	100	96	106	102	98	95	99	96	93	96	93	91	93	91	89	88																			
3	103	97	92	88	101	96	91	88	93	89	86	91	87	85	88	86	84	82																			
4	98	91	86	82	97	90	85	81	88	84	80	86	82	79	84	81	78	77																			
5	94	86	80	76	92	85	80	76	83	79	75	81	78	75	80	77	74	72																			
6	90	81	75	71	88	80	75	71	79	74	71	77	73	70	76	72	70	68																			
7	86	77	71	67	84	76	71	67	75	70	67	74	69	66	73	69	66	65																			
8	82	73	67	63	81	72	67	63	71	66	63	70	66	63	69	65	62	61																			
9	78	69	64	60	77	69	64	60	68	63	60	67	63	60	66	62	59	58																			
10	75	66	61	57	74	66	60	57	65	60	57	64	60	57	63	59	56	55																			

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	153913	153913	153913	153913
5°	151337	137811	146956	163185
10°	142326	117193	133114	166708
15°	124462	87498	114745	159030
20°	100984	53829	88750	145239
25°	68998	27316	56066	124072
30°	39411	12445	29796	92362
35°	18404	7188	13177	57059
40°	9575	5210	7557	29584
45°	6543	4140	5667	14273
50°	4989	3335	4580	8921
55°	4014	2370	3813	6384
60°	2653	1776	2642	4177
65°	2024	1297	1946	2841
70°	1459	978	1346	2020
75°	1144	784	1101	1440
80°	979	884	884	852
85°	1069	1069	629	818



TEST NUMBER: P571726

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	253.5	14.5
10°-20°	586.6	33.6
20°-30°	520.7	29.8
30°-40°	236.5	13.6
40°-50°	79.8	4.6
50°-60°	38.6	2.2
60°-70°	16.1	0.9
70°-80°	5.8	0.3
80°-90°	1.6	0.1
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.1	0.0
130°-140°	0.3	0.0
140°-150°	0.9	0.1
150°-160°	1.8	0.1
160°-170°	1.9	0.1
170°-180°	0.8	0.0
0°-30°	1360.9	78.0
0°-40°	1597.4	91.5
0°-60°	1715.7	98.3
0°-90°	1739.2	99.7
90°-120°	0.0	0.0
90°-150°	1.3	0.1
90°-180°	6.0	0.3
0°-180°	1745.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2808	2808	2808	2808	2808	
5°	2750	2504	2670	2965	2750	256
15°	2193	1542	2022	2802	2193	606
25°	1141	452	927	2051	1141	517
35°	275	107	197	853	275	189
45°	84	53	73	184	84	68
55°	42	25	40	67	42	36
65°	16	10	15	22	16	16
75°	5	4	5	7	5	6
85°	2	2	1	1	2	2
90°	0	0	0	0	0	0
95°	0	0	0	0	0	0
105°	0	0	0	0	0	0
115°	0	0	0	0	0	0
125°	0	0	0	0	0	0
135°	0	0	0	0	0	0
145°	2	2	1	1	2	1
155°	5	5	4	3	5	2
165°	7	8	7	6	7	2
175°	8	9	8	8	8	1
180°	8	8	8	8	8	



TEST NUMBER: P571726

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	2807.6	2807.6	2807.6	2807.6	2807.6	2807.6	2807.6	2807.6	2807.6	2807.6	2807.6
0.5°	2816.0	2793.7	2772.1	2795.3	2791.1	2786.0	2773.3	2788.0	2812.8	2816.2	2814.9
1°	2820.9	2779.5	2764.0	2772.9	2759.3	2746.4	2739.7	2784.8	2798.5	2814.7	2822.6
1.5°	2839.6	2771.8	2753.0	2744.8	2718.0	2720.9	2734.3	2762.6	2798.8	2826.5	2824.1
2°	2809.3	2755.6	2729.8	2723.6	2678.4	2688.7	2697.9	2752.5	2772.4	2816.2	2854.7
2.5°	2799.7	2752.9	2697.2	2697.6	2666.4	2667.8	2666.7	2737.9	2759.9	2805.3	2864.8
3°	2800.1	2736.4	2689.4	2668.2	2653.5	2633.3	2647.0	2715.1	2763.5	2799.2	2860.2
3.5°	2793.3	2711.9	2668.5	2632.6	2617.8	2594.6	2611.2	2680.9	2726.8	2795.9	2864.2
4°	2778.2	2683.9	2626.9	2597.4	2569.8	2570.5	2592.2	2660.5	2717.4	2789.5	2872.2
4.5°	2786.1	2683.6	2605.7	2582.7	2528.9	2523.2	2558.4	2651.2	2688.3	2762.8	2868.3
5°	2750.1	2661.4	2580.9	2555.5	2504.3	2494.8	2515.3	2608.8	2670.5	2770.8	2870.4
5.5°	2741.7	2649.1	2557.8	2512.4	2464.5	2457.8	2482.0	2587.2	2660.0	2738.1	2856.5
6°	2734.6	2605.5	2526.4	2479.2	2435.6	2427.8	2448.9	2553.0	2635.4	2713.1	2849.4
6.5°	2712.1	2574.8	2486.3	2452.1	2388.9	2397.6	2432.4	2520.3	2612.2	2717.0	2849.8
7°	2695.4	2588.6	2460.9	2417.0	2348.9	2365.5	2396.7	2491.4	2581.5	2677.3	2838.6
7.5°	2660.3	2539.1	2437.8	2382.9	2311.7	2322.5	2358.5	2454.4	2564.2	2668.8	2813.1
8°	2643.7	2520.6	2414.0	2340.8	2273.2	2284.5	2320.6	2419.9	2524.8	2649.9	2807.8
8.5°	2612.7	2478.4	2371.0	2292.1	2239.2	2228.7	2273.6	2384.0	2486.9	2614.9	2786.1
9°	2602.4	2444.0	2319.1	2253.7	2190.1	2184.6	2230.2	2351.7	2456.3	2589.5	2766.0
9.5°	2568.1	2413.9	2278.5	2205.9	2150.7	2147.2	2202.5	2320.8	2426.1	2565.4	2756.3
10°	2556.8	2386.6	2258.8	2168.7	2105.3	2113.4	2149.4	2265.1	2391.3	2542.7	2729.6
10.5°	2521.2	2359.2	2214.1	2125.1	2059.8	2061.0	2108.4	2230.4	2370.0	2516.4	2698.3
11°	2481.5	2307.8	2173.0	2062.1	2013.1	2006.8	2065.6	2190.5	2329.8	2490.4	2682.6
11.5°	2438.9	2275.0	2111.2	2017.8	1967.6	1962.3	2028.0	2156.1	2285.4	2466.7	2653.5
12°	2416.3	2236.7	2073.7	1969.1	1909.4	1914.4	1967.1	2117.0	2247.4	2425.2	2625.3
12.5°	2381.4	2199.1	2019.5	1917.2	1853.8	1867.6	1924.4	2066.6	2219.9	2405.5	2606.1
13°	2362.8	2179.7	1978.0	1858.9	1798.4	1797.1	1869.5	2015.6	2178.5	2370.5	2583.4
13.5°	2322.4	2116.1	1929.8	1805.2	1734.8	1734.5	1823.7	1967.3	2142.1	2335.1	2550.1
14°	2288.2	2065.3	1867.8	1744.8	1671.2	1675.3	1761.7	1922.7	2111.0	2305.0	2518.3
14.5°	2241.7	2010.0	1827.1	1670.1	1603.9	1617.4	1706.8	1874.3	2068.8	2272.7	2502.8
15°	2193.0	1966.1	1768.0	1610.4	1541.7	1553.4	1645.9	1836.6	2021.8	2226.3	2472.1
15.5°	2161.1	1926.7	1714.0	1543.6	1473.6	1483.6	1587.6	1778.5	1981.6	2192.2	2441.4
16°	2125.1	1865.0	1639.3	1482.9	1406.0	1416.3	1526.6	1723.2	1943.1	2158.1	2406.8
16.5°	2077.5	1799.8	1579.3	1406.0	1338.1	1352.1	1461.4	1665.4	1887.9	2123.9	2378.3
17°	2036.2	1760.5	1513.8	1347.9	1274.8	1286.8	1392.2	1602.5	1838.9	2080.2	2340.2
17.5°	1987.3	1714.2	1456.2	1279.7	1211.2	1223.7	1333.2	1538.7	1786.6	2044.2	2310.5
18°	1937.2	1658.6	1391.4	1220.7	1149.5	1168.4	1271.5	1483.9	1744.3	2006.2	2266.4
18.5°	1882.0	1588.8	1331.3	1159.4	1091.5	1104.2	1208.0	1424.4	1690.6	1957.9	2229.6
19°	1843.9	1534.4	1266.1	1101.3	1036.0	1045.1	1149.5	1356.5	1631.6	1908.0	2194.1
19.5°	1789.1	1467.1	1201.4	1045.9	980.1	985.9	1082.4	1289.2	1576.3	1862.2	2159.2
20°	1731.0	1399.9	1151.2	988.3	922.7	927.9	1027.9	1229.0	1521.3	1813.0	2116.1
20.5°	1675.7	1338.9	1090.3	931.1	867.4	871.5	971.9	1171.5	1458.4	1760.5	2071.9
21°	1619.4	1285.7	1033.4	870.9	811.4	819.3	919.0	1111.0	1397.6	1713.4	2020.4



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	1436.6	1109.6	863.0	721.3	662.2	669.8	757.6	946.1	1207.4	1555.4	1894.4
23°	1376.2	1052.5	813.1	670.8	615.7	624.0	709.2	889.3	1152.4	1497.2	1849.8
23.5°	1310.5	1000.1	763.6	623.0	571.9	580.1	660.1	836.5	1093.6	1435.5	1801.6
24°	1252.5	948.4	713.8	575.9	529.3	539.4	612.4	787.0	1041.3	1376.5	1743.8
24.5°	1195.9	894.2	671.7	531.6	488.5	497.4	567.8	733.0	983.0	1313.9	1690.6
25°	1140.7	834.9	622.8	494.6	451.6	458.6	527.6	683.1	926.9	1254.3	1636.4
25.5°	1082.4	784.6	580.7	456.6	416.3	423.3	487.1	637.9	875.9	1197.0	1577.7
26°	1023.5	737.3	538.4	423.6	382.8	388.6	448.1	594.4	824.2	1136.9	1515.7
26.5°	969.5	689.3	500.5	388.8	351.5	356.1	412.5	549.6	771.9	1080.7	1459.7
27°	917.3	640.1	459.4	356.0	323.0	325.7	378.9	507.2	726.8	1024.6	1396.9
27.5°	864.8	597.6	421.4	324.5	295.7	296.1	346.5	470.2	677.6	970.9	1337.0
28°	813.1	556.0	384.8	297.2	271.7	269.2	314.7	431.2	635.0	916.8	1272.7
28.5°	760.9	512.9	352.9	273.4	249.4	247.4	287.9	395.8	589.7	864.5	1213.7
29°	711.8	475.3	324.3	252.8	229.9	227.3	263.0	366.0	548.9	814.8	1154.0
29.5°	665.9	437.4	297.6	232.5	212.3	211.2	239.4	333.8	509.9	761.4	1094.8
30°	622.6	402.2	272.8	214.4	196.6	195.1	219.9	304.1	470.7	716.7	1034.1
30.5°	579.2	368.8	250.2	198.2	183.4	181.2	202.2	276.0	433.7	667.9	983.0
31°	536.5	338.5	230.0	184.7	171.1	168.0	186.3	252.6	398.3	623.6	926.6
31.5°	496.7	310.5	212.0	171.7	159.5	156.5	172.1	230.8	365.5	580.8	873.5
32°	457.2	285.0	196.1	161.1	149.7	146.3	160.4	211.3	334.4	540.5	823.6
32.5°	423.4	262.1	182.9	151.8	139.9	137.3	150.4	193.6	305.9	501.7	773.9
33°	389.4	240.9	170.4	143.0	132.1	128.5	141.0	178.1	279.3	464.3	722.8
33.5°	358.6	221.0	159.6	136.4	125.3	121.5	132.1	164.9	255.5	427.0	676.3
34°	328.6	204.0	149.2	129.5	118.9	115.0	125.1	154.2	233.6	394.2	630.9
34.5°	299.9	189.3	140.0	122.4	112.8	109.5	118.6	144.0	213.8	362.2	587.0
35°	275.0	175.8	131.8	115.9	107.4	103.6	112.4	135.0	196.9	331.5	543.1
35.5°	252.8	164.5	124.8	110.0	102.3	98.9	107.3	127.8	181.8	303.8	502.1
36°	233.3	153.9	118.1	105.8	97.9	94.2	102.7	121.2	168.5	277.8	464.9
36.5°	215.3	144.0	111.8	100.7	93.5	90.7	98.2	114.8	156.6	253.8	428.6
37°	199.5	135.3	106.9	96.0	90.0	87.3	94.2	109.6	146.4	232.5	394.4
37.5°	184.8	128.5	102.0	91.7	86.8	84.2	90.5	104.8	137.1	213.7	362.8
38°	171.5	121.9	97.6	87.4	83.5	81.5	87.0	99.3	129.5	196.9	331.8
38.5°	160.8	116.1	93.8	84.2	80.3	79.0	83.6	94.9	123.1	182.8	304.6
39°	150.6	111.2	90.5	81.8	77.6	76.8	80.9	91.5	117.0	170.1	278.6
39.5°	141.3	106.4	87.1	79.4	75.1	74.3	78.2	87.9	110.9	159.0	255.2
40°	133.8	101.7	83.8	76.9	72.8	72.2	75.7	84.3	105.6	149.0	233.5
40.5°	127.0	97.6	81.2	74.4	70.7	69.8	72.7	80.9	100.5	140.5	214.6
41°	120.4	93.6	78.6	72.1	68.6	67.6	70.1	78.4	95.9	132.4	197.5
41.5°	114.7	89.7	75.9	69.7	66.5	65.5	67.8	75.7	92.1	125.8	183.6
42°	109.9	85.7	73.2	67.6	64.4	63.7	65.6	73.2	88.8	119.5	170.7
42.5°	105.5	82.3	70.7	65.6	62.1	61.7	63.8	71.1	85.7	113.5	160.8
43°	100.5	79.0	68.1	63.7	59.9	59.9	61.9	69.4	82.7	107.8	151.3
43.5°	95.9	75.7	65.7	61.7	57.7	58.6	59.9	67.6	80.0	102.9	142.2



TEST NUMBER: P571726

CATALOG NUMBER: RLS6159FS1EWHDM 5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	84.4	68.6	60.1	56.4	53.4	54.6	54.9	62.7	73.1	90.5	119.7
45.5°	81.0	66.5	58.5	54.8	52.1	53.2	53.5	60.9	71.0	87.2	113.2
46°	77.8	64.6	57.3	53.2	50.9	51.7	51.9	59.4	69.0	83.8	107.6
46.5°	74.7	62.5	55.6	51.9	49.8	50.1	50.4	57.7	66.8	81.0	102.2
47°	72.0	60.6	54.2	50.4	48.5	48.5	49.1	56.0	64.7	78.1	97.4
47.5°	69.3	58.5	52.6	48.6	47.4	47.1	47.7	54.4	62.6	75.5	93.2
48°	67.1	56.7	51.1	47.0	46.0	45.7	46.4	53.0	60.5	73.1	89.8
48.5°	65.0	54.9	49.6	45.4	44.2	44.3	45.1	51.2	58.6	70.9	86.5
49°	62.9	53.0	48.3	43.9	42.3	42.9	43.8	49.6	56.8	68.6	83.1
49.5°	60.7	51.2	47.1	42.3	40.7	41.6	42.6	48.2	55.3	66.4	80.6
50°	58.5	49.4	45.8	40.9	39.1	40.5	41.5	46.6	53.7	64.2	77.8
50.5°	56.8	47.7	44.5	39.7	37.8	39.5	40.1	44.7	52.3	62.0	75.5
51°	54.7	46.1	43.2	38.5	36.4	38.3	38.8	43.4	51.0	59.9	73.4
51.5°	53.0	44.6	42.0	37.2	35.1	37.1	37.5	42.1	49.4	58.2	71.2
52°	51.4	43.3	40.5	36.0	33.7	35.9	36.2	40.8	48.1	56.3	68.2
52.5°	49.8	41.9	38.8	34.5	32.5	34.7	34.9	39.5	46.9	54.3	65.7
53°	48.4	40.4	36.9	32.9	30.9	33.4	33.8	38.3	45.6	52.6	63.3
53.5°	47.0	38.8	34.6	31.1	29.7	32.0	32.5	37.1	44.3	51.1	61.1
54°	45.7	37.0	32.1	29.4	28.1	30.4	31.3	36.1	42.8	49.7	59.1
54.5°	44.0	35.3	30.1	27.5	26.4	28.0	30.1	35.1	41.5	47.9	57.3
55°	42.0	33.3	28.3	25.9	24.8	26.0	28.7	33.9	39.9	46.5	55.7
55.5°	40.0	30.7	26.6	24.9	23.4	24.7	27.1	32.1	38.3	44.7	53.9
56°	36.8	28.7	25.6	24.0	22.2	23.4	25.6	30.2	36.4	42.8	52.6
56.5°	33.8	27.5	24.8	23.3	21.4	22.6	24.2	28.4	34.8	40.8	50.7
57°	31.5	26.2	23.9	22.3	20.6	21.8	23.1	26.5	32.6	38.9	49.3
57.5°	29.8	25.3	23.2	21.3	19.7	20.9	22.3	25.2	30.7	36.7	46.9
58°	28.5	24.3	22.3	20.4	18.8	19.9	21.7	24.2	29.0	34.0	43.7
58.5°	27.4	23.4	21.5	19.5	18.0	19.0	20.7	23.4	27.5	32.0	40.8
59°	26.3	22.8	20.7	18.8	17.5	18.0	19.8	22.5	26.1	30.5	37.6
59.5°	25.2	22.1	19.9	17.9	16.7	17.4	18.9	21.9	25.1	28.8	35.3
60°	24.2	21.3	18.9	17.3	16.2	16.6	18.2	21.0	24.1	27.5	33.4
60.5°	23.4	20.5	18.0	16.6	15.4	15.9	17.6	20.2	23.1	26.5	31.8
61°	22.4	19.7	17.2	15.8	14.7	15.2	16.7	19.2	22.4	25.4	30.2
61.5°	21.4	18.8	16.4	15.1	14.1	14.5	16.0	18.2	21.7	24.4	28.8
62°	20.5	17.9	15.6	14.4	13.3	13.8	15.3	17.6	20.8	23.2	27.4
62.5°	19.7	17.1	14.9	13.8	12.6	13.2	14.5	16.6	19.9	22.3	26.0
63°	18.8	16.3	14.2	13.1	12.1	12.4	13.7	15.7	18.9	21.3	24.5
63.5°	18.1	15.5	13.4	12.5	11.3	11.7	13.1	14.9	17.9	20.2	23.2
64°	17.3	14.7	12.8	11.9	11.0	11.1	12.3	14.1	16.9	19.3	22.1
64.5°	16.4	13.9	12.2	11.3	10.3	10.6	11.6	13.4	16.0	18.5	21.0
65°	15.6	13.1	11.6	10.9	10.0	10.0	11.0	12.6	15.0	17.8	19.9
65.5°	14.7	12.4	11.1	10.4	9.4	9.6	10.4	11.8	14.2	16.7	18.9
66°	13.9	11.9	10.6	10.0	9.0	9.2	10.1	11.3	13.4	15.8	18.0



TEST NUMBER: P571726

CATALOG NUMBER: RLS6159FS1EWHDM 5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	11.7	10.2	9.4	8.9	7.9	8.0	8.9	9.6	11.2	13.2	15.3
68°	11.1	9.8	8.9	8.6	7.4	7.8	8.3	9.2	10.5	12.4	14.4
68.5°	10.5	9.3	8.6	8.3	7.1	7.4	7.9	8.9	10.0	11.6	13.6
69°	10.0	8.9	8.3	7.9	6.8	7.1	7.7	8.3	9.4	11.1	12.8
69.5°	9.5	8.6	7.9	7.5	6.5	6.9	7.3	7.9	9.0	10.3	11.9
70°	9.1	8.2	7.6	7.3	6.1	6.4	6.9	7.5	8.4	9.7	11.2
70.5°	8.8	7.9	7.2	6.9	5.8	6.1	6.7	7.1	8.1	9.2	10.4
71°	8.3	7.5	6.9	6.6	5.6	5.9	6.2	6.9	7.8	8.8	9.6
71.5°	7.9	7.1	6.6	6.4	5.2	5.6	5.9	6.5	7.3	8.2	9.3
72°	7.6	6.8	6.2	6.0	5.2	5.2	5.8	6.1	7.0	7.9	8.8
72.5°	7.1	6.4	5.9	5.7	5.1	5.2	5.3	5.8	6.5	7.3	8.1
73°	6.7	6.1	5.6	5.6	5.1	5.2	5.1	5.4	6.1	6.9	7.7
73.5°	6.3	5.8	5.4	5.3	4.4	5.1	5.1	5.1	5.8	6.5	7.1
74°	5.9	5.4	5.1	5.0	4.0	4.7	5.0	5.1	5.4	6.1	6.8
74.5°	5.6	5.1	4.7	4.8	3.9	4.1	4.1	5.0	5.2	5.7	6.2
75°	5.4	4.9	4.6	4.7	3.7	3.9	3.9	4.2	5.2	5.2	5.8
75.5°	4.9	4.6	4.4	4.5	3.8	3.7	3.8	4.0	4.9	5.0	5.3
76°	4.6	4.3	4.2	4.6	3.8	3.7	3.8	3.7	4.1	4.9	5.2
76.5°	4.4	4.1	4.1	4.5	3.7	3.7	3.7	3.7	3.9	4.0	5.1
77°	4.0	3.9	3.9	4.3	3.7	3.7	3.7	3.4	3.7	3.8	4.1
77.5°	3.9	3.8	3.9	4.3	3.7	3.7	3.6	3.4	3.3	3.5	3.9
78°	3.6	3.7	3.9	4.2	3.2	3.6	3.4	3.2	3.0	3.1	3.3
78.5°	3.4	3.7	3.9	4.0	3.1	3.3	3.2	3.1	2.9	2.8	3.1
79°	3.3	3.5	3.7	4.0	3.0	3.1	3.1	3.0	2.8	2.7	2.7
79.5°	3.2	3.5	3.7	3.8	2.9	3.0	3.1	2.9	2.8	2.7	2.5
80°	3.1	3.3	3.5	3.7	2.8	3.0	2.9	2.8	2.8	2.7	2.2
80.5°	3.0	3.3	3.5	3.7	2.7	2.9	2.8	2.8	2.8	2.3	2.0
81°	2.8	3.2	3.3	3.5	2.7	2.7	2.8	2.8	2.8	2.1	1.9
81.5°	2.8	3.0	3.3	3.4	2.7	2.8	2.7	2.8	2.4	2.0	1.9
82°	2.6	2.9	3.1	3.3	2.7	2.8	2.7	2.6	2.0	1.9	1.7
82.5°	2.5	2.7	3.0	3.2	2.7	2.7	2.5	2.1	1.8	1.7	1.6
83°	2.3	2.6	2.8	3.0	2.3	2.3	2.1	2.0	1.8	1.6	1.5
83.5°	2.2	2.5	2.6	2.8	2.1	2.1	1.9	1.8	1.8	1.6	1.5
84°	2.1	2.3	2.5	2.7	2.0	1.9	1.8	1.6	1.7	1.4	1.1
84.5°	2.0	2.2	2.4	2.5	1.8	1.8	1.6	1.7	1.6	1.1	1.0
85°	1.7	2.0	2.2	2.4	1.7	1.6	1.6	1.3	1.0	0.9	0.8
85.5°	1.6	1.9	2.1	2.3	1.7	1.7	1.6	1.1	0.9	0.7	0.6
86°	1.5	1.7	1.9	2.1	1.7	1.5	1.1	0.9	0.7	0.7	0.7
86.5°	1.3	1.5	1.7	1.9	1.3	1.2	1.0	0.9	0.7	0.6	0.4
87°	1.1	1.4	1.6	1.7	1.1	1.0	0.9	0.8	0.6	0.4	0.3
87.5°	0.9	1.3	1.4	1.6	0.9	0.8	0.7	0.7	0.5	0.1	0.0
88°	0.7	1.1	1.3	1.4	0.7	0.7	0.6	0.6	0.2	0.0	0.0
88.5°	0.7	0.9	1.1	1.2	0.7	0.6	0.6	0.4	0.1	0.0	0.0



TEST NUMBER: P571726

CATALOG NUMBER: RLS6159FS1EWHDM 5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
90°	0.1	0.3	0.5	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.0
90.5°	0.1	0.3	0.3	0.5	0.0	0.1	0.0	0.0	0.0	0.0	0.0
91°	0.1	0.1	0.2	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0
91.5°	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92°	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.5°	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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97°	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
98°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.5°	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
100.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102°	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
103°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.5°	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
105.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107°	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
108°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
110.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
111°	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0



TEST NUMBER: P571726

CATALOG NUMBER: RLS6159FS1EWHDM 5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
112.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
113°	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
113.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0
114°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0
114.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.0	0.0
115.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0
116°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0
116.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.0
117°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0
117.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0
118°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0
118.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0
119°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0
119.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0
120°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0
120.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
121°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
121.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
122°	0.0	0.0	0.0	0.0	0.2	0.1	0.1	0.1	0.1	0.1	0.1
122.5°	0.0	0.0	0.0	0.0	0.2	0.2	0.1	0.2	0.1	0.1	0.1
123°	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.2	0.1	0.1	0.1
123.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
124°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
124.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
125°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
125.5°	0.0	0.0	0.0	0.0	0.2	0.2	0.1	0.1	0.1	0.1	0.1
126°	0.0	0.0	0.0	0.0	0.2	0.1	0.1	0.1	0.1	0.1	0.1
126.5°	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.1	0.1	0.1	0.1
127°	0.0	0.0	0.0	0.0	0.2	0.3	0.1	0.1	0.1	0.1	0.1
127.5°	0.0	0.0	0.0	0.1	0.2	0.3	0.1	0.1	0.1	0.1	0.1
128°	0.0	0.0	0.0	0.2	0.2	0.3	0.3	0.1	0.1	0.1	0.1
128.5°	0.0	0.0	0.0	0.2	0.3	0.3	0.2	0.1	0.1	0.1	0.1
129°	0.0	0.0	0.0	0.2	0.3	0.3	0.3	0.1	0.2	0.1	0.1
129.5°	0.0	0.0	0.1	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.1
130°	0.0	0.0	0.3	0.5	0.3	0.3	0.3	0.2	0.2	0.2	0.1
130.5°	0.0	0.0	0.5	0.5	0.3	0.3	0.3	0.2	0.2	0.1	0.1
131°	0.0	0.1	0.5	0.6	0.4	0.3	0.3	0.3	0.2	0.1	0.1
131.5°	0.0	0.1	0.5	0.5	0.4	0.3	0.3	0.3	0.2	0.1	0.1
132°	0.0	0.3	0.6	0.8	0.4	0.3	0.3	0.3	0.2	0.1	0.1
132.5°	0.0	0.5	0.7	0.8	0.5	0.3	0.3	0.3	0.3	0.1	0.1
133°	0.1	0.5	0.7	0.7	0.5	0.4	0.3	0.3	0.3	0.2	0.1
133.5°	0.1	0.6	0.9	0.7	0.5	0.5	0.3	0.3	0.3	0.2	0.1



TEST NUMBER: P571726

CATALOG NUMBER: RLS6159FS1EWHDM 5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
135°	0.1	0.8	0.8	0.8	0.5	0.5	0.5	0.4	0.3	0.2	0.2
135.5°	0.1	0.8	0.8	0.9	0.6	0.6	0.4	0.3	0.3	0.3	0.2
136°	0.3	0.7	0.8	1.0	0.7	0.6	0.5	0.5	0.4	0.3	0.2
136.5°	0.4	0.7	0.8	1.0	0.7	0.6	0.5	0.5	0.4	0.3	0.2
137°	0.4	0.7	0.9	1.2	0.7	0.7	0.6	0.5	0.4	0.3	0.2
137.5°	0.5	0.7	0.9	1.6	0.7	0.7	0.6	0.5	0.4	0.3	0.2
138°	0.7	0.7	0.9	1.6	0.9	0.9	0.7	0.6	0.5	0.3	0.2
138.5°	0.7	0.7	1.0	1.6	0.9	0.9	0.6	0.7	0.5	0.3	0.3
139°	0.8	0.8	1.1	1.6	0.9	0.9	0.7	0.7	0.5	0.4	0.3
139.5°	0.8	0.8	1.2	1.8	1.0	1.0	0.8	0.7	0.6	0.3	0.3
140°	0.7	0.9	1.6	1.8	1.1	1.0	0.9	0.7	0.6	0.4	0.3
140.5°	0.7	0.9	1.6	2.0	1.1	1.1	0.9	0.7	0.5	0.4	0.4
141°	0.8	1.0	1.6	2.1	1.2	1.2	0.9	0.9	0.7	0.5	0.3
141.5°	0.7	1.2	1.6	2.3	1.3	1.3	0.9	0.8	0.7	0.5	0.4
142°	0.7	1.5	1.8	2.7	1.3	1.4	1.1	0.9	0.8	0.5	0.4
142.5°	0.9	1.6	1.8	2.8	1.4	1.4	1.2	1.0	0.8	0.5	0.3
143°	1.0	1.7	2.0	2.8	1.5	1.5	1.2	1.1	0.9	0.5	0.5
143.5°	1.1	1.6	2.0	2.8	1.7	1.6	1.3	1.2	0.9	0.7	0.5
144°	1.4	1.8	2.3	2.9	1.7	1.7	1.4	1.3	0.9	0.7	0.5
144.5°	1.6	1.8	2.7	3.0	1.8	1.8	1.5	1.3	1.0	0.8	0.5
145°	1.7	2.0	2.7	3.2	2.0	1.9	1.6	1.5	1.2	0.7	0.6
145.5°	1.7	2.2	2.8	3.4	2.1	2.1	1.7	1.6	1.2	0.9	0.6
146°	1.7	2.6	2.8	3.7	2.2	2.1	1.7	1.6	1.3	0.9	0.7
146.5°	1.8	2.8	2.9	3.9	2.4	2.3	1.8	1.7	1.4	0.9	0.7
147°	1.9	2.7	3.0	3.8	2.5	2.4	1.9	1.8	1.5	1.1	0.8
147.5°	2.2	2.7	3.1	4.0	2.6	2.6	2.1	2.0	1.6	1.2	0.9
148°	2.4	2.9	3.3	4.1	2.7	2.7	2.2	2.0	1.7	1.3	0.9
148.5°	2.8	3.0	3.7	4.3	2.9	2.8	2.3	2.1	1.8	1.3	1.0
149°	2.8	3.2	3.9	4.9	3.0	3.0	2.4	2.2	2.0	1.5	1.1
149.5°	2.8	3.4	3.9	5.2	3.1	3.1	2.5	2.4	2.1	1.6	1.2
150°	2.8	3.7	3.9	5.2	3.3	3.3	2.6	2.6	2.3	1.7	1.3
150.5°	3.0	3.8	4.1	5.2	3.4	3.3	2.7	2.7	2.3	1.8	1.3
151°	3.1	3.8	4.2	5.2	3.5	3.5	2.8	2.9	2.5	1.8	1.4
151.5°	3.3	4.0	4.5	5.3	3.7	3.6	3.0	3.0	2.6	1.9	1.6
152°	3.6	4.2	5.2	5.2	3.8	3.7	3.1	3.2	2.8	2.2	1.6
152.5°	3.8	5.0	5.2	5.4	4.0	3.9	3.2	3.3	3.0	2.2	1.7
153°	3.8	5.1	5.2	5.5	4.1	4.0	3.3	3.5	3.1	2.4	1.8
153.5°	3.9	5.1	5.2	5.9	4.3	4.2	3.4	3.6	3.2	2.6	2.0
154°	4.1	5.1	5.2	6.0	4.5	4.3	3.6	3.8	3.4	2.8	2.1
154.5°	4.3	5.1	5.3	6.0	4.7	4.4	3.7	4.0	3.6	2.8	2.3
155°	5.0	5.3	5.6	6.0	4.7	4.6	3.9	4.2	3.8	3.0	2.4
155.5°	5.1	5.5	5.9	6.1	4.9	4.7	4.0	4.3	4.0	3.2	2.5
156°	5.1	5.7	6.0	6.2	5.1	4.8	4.2	4.4	4.0	3.3	2.6



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
157.5°	5.2	6.1	6.2	6.6	5.5	5.3	4.7	5.0	4.6	3.8	3.2
158°	5.3	6.2	6.4	7.1	5.7	5.5	4.8	5.1	4.8	4.0	3.3
158.5°	5.5	6.4	6.7	7.2	5.8	5.6	4.9	5.4	5.0	4.2	3.5
159°	5.9	6.5	7.0	7.3	6.0	5.7	5.3	5.5	5.2	4.4	3.7
159.5°	5.9	7.0	7.1	7.2	6.1	5.9	5.5	5.7	5.4	4.6	3.9
160°	5.9	7.1	7.1	7.2	6.3	6.0	5.5	5.8	5.5	4.7	4.0
160.5°	6.1	7.0	7.1	7.3	6.4	6.2	5.7	6.1	5.7	4.9	4.2
161°	6.1	7.0	7.1	7.3	6.6	6.4	5.9	6.2	5.9	5.1	4.4
161.5°	6.3	7.1	7.3	7.5	6.7	6.4	6.1	6.3	6.1	5.4	4.5
162°	6.5	7.3	7.5	7.6	6.9	6.6	6.3	6.5	6.2	5.4	4.7
162.5°	6.7	7.4	7.6	7.7	6.9	6.8	6.4	6.7	6.3	5.5	4.9
163°	6.9	7.4	7.6	7.8	7.1	6.9	6.6	6.8	6.5	5.7	5.0
163.5°	6.9	7.5	7.7	8.1	7.2	7.0	6.7	7.0	6.7	5.9	5.2
164°	7.0	7.8	8.0	8.2	7.3	7.2	6.9	7.2	6.8	6.0	5.4
164.5°	7.2	8.1	8.1	8.3	7.5	7.3	7.1	7.3	6.9	6.2	5.5
165°	7.2	8.2	8.2	8.4	7.6	7.5	7.3	7.5	7.2	6.3	5.6
165.5°	7.4	8.2	8.2	8.4	7.7	7.6	7.5	7.6	7.3	6.5	5.8
166°	7.4	8.2	8.1	8.4	7.8	7.8	7.6	7.8	7.5	6.5	5.9
166.5°	7.5	8.2	8.1	8.4	7.9	7.8	7.7	7.9	7.6	6.7	6.1
167°	7.5	8.2	8.2	8.4	8.1	8.0	7.7	8.0	7.6	6.9	6.2
167.5°	7.6	8.2	8.3	8.4	8.3	8.2	7.9	8.0	7.8	6.9	6.3
168°	7.8	8.2	8.3	8.4	8.3	8.3	8.0	8.2	7.9	7.1	6.5
168.5°	8.0	8.2	8.3	8.4	8.5	8.4	8.1	8.4	8.0	7.1	6.6
169°	8.1	8.2	8.3	8.4	8.5	8.5	8.1	8.4	8.1	7.2	6.7
169.5°	8.2	8.2	8.3	8.4	8.7	8.6	8.3	8.4	8.2	7.3	6.8
170°	8.2	8.2	8.3	8.4	8.7	8.6	8.3	8.4	8.2	7.5	6.9
170.5°	8.2	8.4	8.4	8.4	8.9	8.8	8.3	8.4	8.4	7.5	7.0
171°	8.2	8.4	8.5	8.4	9.0	8.8	8.3	8.4	8.4	7.6	7.1
171.5°	8.2	8.4	8.5	8.4	9.1	9.0	8.3	8.4	8.4	7.7	7.1
172°	8.2	8.5	8.4	8.4	9.1	9.0	8.3	8.4	8.4	7.8	7.3
172.5°	8.2	8.5	8.4	8.4	9.3	9.2	8.3	8.4	8.4	7.8	7.4
173°	8.2	8.4	8.4	8.4	9.4	9.3	8.3	8.4	8.4	8.1	7.7
173.5°	8.2	8.4	8.4	8.4	9.3	9.3	8.3	8.4	8.4	8.1	7.8
174°	8.2	8.4	8.4	8.4	9.3	9.3	8.3	8.4	8.4	8.1	7.7
174.5°	8.2	8.4	8.4	8.4	9.3	9.3	8.3	8.4	8.4	8.1	7.8
175°	8.2	8.4	8.4	8.4	9.3	9.2	8.3	8.3	8.4	8.1	7.9
175.5°	8.2	8.4	8.4	8.2	9.3	9.2	8.3	8.3	8.4	8.1	7.9
176°	8.2	8.4	8.4	8.2	9.3	9.2	8.1	8.3	8.4	8.1	7.9
176.5°	8.2	8.5	8.4	8.2	9.3	9.2	8.2	8.3	8.4	8.1	7.9
177°	8.2	8.4	8.3	8.1	9.2	9.1	8.1	8.3	8.4	8.1	7.9
177.5°	8.2	8.4	8.1	7.9	9.2	8.9	8.1	8.3	8.4	8.2	8.0
178°	8.2	8.2	8.1	7.9	9.2	8.8	8.1	8.2	8.4	8.1	7.9
178.5°	8.2	8.1	7.9	7.8	9.2	8.7	8.1	8.2	8.4	8.2	8.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
180°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1



TEST NUMBER: P571726

CATALOG NUMBER: RLS6159FS1EWHDM 5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	2807.6	2807.6	2807.6	2807.6	2807.6	2807.6
0.5°	2831.6	2830.0	2822.8	2805.3	2839.1	2816.0
1°	2866.7	2845.0	2846.3	2840.4	2853.7	2820.9
1.5°	2890.2	2872.2	2874.2	2860.5	2864.7	2839.6
2°	2911.2	2890.1	2887.7	2872.7	2872.9	2809.3
2.5°	2925.4	2911.3	2891.4	2897.9	2883.5	2799.7
3°	2956.3	2920.4	2913.4	2905.0	2882.9	2800.1
3.5°	2959.0	2931.0	2931.1	2912.4	2874.5	2793.3
4°	2969.6	2949.4	2947.5	2927.6	2881.7	2778.2
4.5°	2963.6	2976.6	2948.0	2928.0	2882.9	2786.1
5°	2967.1	2965.4	2965.7	2921.5	2868.4	2750.1
5.5°	2971.8	2975.2	2991.8	2936.1	2860.8	2741.7
6°	2981.2	2990.1	2992.4	2937.7	2852.4	2734.6
6.5°	2983.9	3000.9	2991.9	2940.8	2848.6	2712.1
7°	2981.5	2991.6	3012.2	2939.7	2839.8	2695.4
7.5°	2969.4	2997.1	2982.8	2930.0	2816.8	2660.3
8°	2959.2	2991.8	2974.5	2896.0	2788.3	2643.7
8.5°	2940.0	2998.9	2964.8	2887.3	2775.1	2612.7
9°	2942.5	2987.9	2973.9	2890.8	2751.1	2602.4
9.5°	2938.7	2999.1	2965.9	2878.7	2745.0	2568.1
10°	2914.4	2994.8	2973.8	2844.1	2730.9	2556.8
10.5°	2903.3	2981.9	2940.8	2843.8	2700.8	2521.2
11°	2887.8	2960.3	2946.0	2814.3	2680.8	2481.5
11.5°	2867.4	2957.3	2935.2	2786.2	2640.3	2438.9
12°	2849.5	2939.4	2907.9	2764.5	2613.8	2416.3
12.5°	2827.6	2917.6	2878.0	2750.3	2589.4	2381.4
13°	2810.3	2920.1	2873.9	2734.7	2552.7	2362.8
13.5°	2782.2	2874.5	2859.8	2712.5	2521.7	2322.4
14°	2760.8	2839.9	2811.6	2668.2	2496.9	2288.2
14.5°	2729.0	2811.6	2787.7	2640.1	2472.4	2241.7
15°	2706.9	2802.1	2769.7	2613.0	2434.0	2193.0
15.5°	2683.0	2767.8	2731.4	2597.2	2398.2	2161.1
16°	2656.6	2733.7	2697.0	2559.5	2365.6	2125.1
16.5°	2626.5	2698.6	2679.8	2525.6	2324.7	2077.5
17°	2595.1	2665.5	2652.0	2495.8	2284.6	2036.2
17.5°	2570.6	2620.2	2618.7	2466.1	2257.0	1987.3
18°	2527.6	2618.1	2591.3	2426.3	2219.1	1937.2
18.5°	2500.8	2576.7	2549.9	2392.1	2169.0	1882.0
19°	2463.4	2535.2	2518.3	2359.7	2128.1	1843.9
19.5°	2430.1	2517.6	2481.8	2332.6	2087.6	1789.1
20°	2396.0	2489.6	2448.7	2290.2	2046.9	1731.0
20.5°	2355.7	2443.7	2408.6	2241.6	1989.6	1675.7
21°	2311.3	2397.8	2375.6	2198.9	1944.3	1619.4



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CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	2187.1	2282.7	2245.2	2074.3	1794.8	1436.6
23°	2146.4	2234.4	2192.6	2022.1	1740.8	1376.2
23.5°	2099.5	2204.1	2158.2	1976.4	1676.0	1310.5
24°	2049.7	2149.3	2120.0	1924.1	1626.3	1252.5
24.5°	2001.2	2090.0	2060.2	1867.3	1571.4	1195.9
25°	1952.4	2051.2	2017.4	1811.9	1519.7	1140.7
25.5°	1900.4	2000.2	1965.1	1759.4	1447.1	1082.4
26°	1846.7	1946.7	1912.1	1707.2	1384.6	1023.5
26.5°	1785.7	1891.3	1854.3	1648.6	1323.3	969.5
27°	1723.4	1829.4	1798.8	1583.6	1261.9	917.3
27.5°	1669.1	1778.1	1734.2	1521.7	1200.7	864.8
28°	1607.6	1713.8	1677.8	1456.9	1139.8	813.1
28.5°	1543.1	1655.7	1615.7	1393.0	1083.3	760.9
29°	1479.1	1596.9	1551.1	1327.9	1026.2	711.8
29.5°	1416.6	1532.4	1487.5	1266.2	966.4	665.9
30°	1349.9	1459.1	1421.0	1202.4	918.7	622.6
30.5°	1282.8	1391.7	1359.9	1147.9	866.6	579.2
31°	1218.4	1331.6	1296.0	1090.6	812.4	536.5
31.5°	1158.8	1270.3	1230.2	1033.6	764.1	496.7
32°	1104.4	1203.3	1169.3	976.1	718.3	457.2
32.5°	1046.6	1139.4	1111.3	921.3	670.4	423.4
33°	989.6	1084.7	1053.9	867.5	627.1	389.4
33.5°	931.7	1022.5	996.1	815.8	583.3	358.6
34°	878.8	963.4	941.2	764.5	541.7	328.6
34.5°	824.1	913.4	887.3	716.6	500.3	299.9
35°	772.4	852.6	832.8	669.8	461.8	275.0
35.5°	723.2	800.4	779.6	624.3	426.7	252.8
36°	673.9	753.3	727.6	581.1	388.5	233.3
36.5°	627.8	703.5	677.9	539.1	358.0	215.3
37°	583.9	654.8	631.7	500.1	327.9	199.5
37.5°	541.6	609.3	587.2	460.9	300.8	184.8
38°	501.3	567.0	544.6	422.9	275.9	171.5
38.5°	462.0	523.1	503.1	387.9	253.6	160.8
39°	426.4	484.8	465.6	355.9	233.4	150.6
39.5°	391.4	446.2	429.3	325.9	214.9	141.3
40°	358.0	413.4	395.9	298.8	198.6	133.8
40.5°	327.0	379.8	364.0	273.9	184.4	127.0
41°	299.6	347.9	334.4	251.9	171.8	120.4
41.5°	275.8	318.2	305.6	231.8	160.9	114.7
42°	253.8	293.1	280.0	213.8	150.1	109.9
42.5°	234.1	269.3	257.2	198.1	141.7	105.5
43°	217.0	247.9	236.8	184.1	134.2	100.5
43.5°	200.9	228.1	219.2	170.5	126.5	95.9



TEST NUMBER: P571726

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CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	163.2	184.1	175.3	140.0	107.6	84.4
45.5°	153.3	172.2	164.0	132.1	102.6	81.0
46°	144.1	161.5	153.7	125.1	97.6	77.8
46.5°	135.5	152.1	144.1	118.3	93.1	74.7
47°	128.5	143.3	135.6	112.0	89.5	72.0
47.5°	121.8	134.8	128.5	106.5	86.1	69.3
48°	115.2	127.8	121.5	101.5	82.7	67.1
48.5°	109.6	121.4	114.9	97.3	79.5	65.0
49°	104.1	115.6	108.5	93.4	76.7	62.9
49.5°	99.2	110.1	102.8	89.2	74.1	60.7
50°	94.9	104.6	98.0	85.2	71.6	58.5
50.5°	91.1	99.9	93.9	81.7	68.8	56.8
51°	86.9	95.3	90.1	78.3	66.4	54.7
51.5°	83.4	91.2	86.4	75.2	64.2	53.0
52°	80.5	87.4	82.5	72.5	61.9	51.4
52.5°	77.7	83.6	79.2	69.7	59.8	49.8
53°	74.9	80.3	75.8	67.1	57.9	48.4
53.5°	72.5	77.1	72.7	64.3	56.0	47.0
54°	70.1	73.3	69.6	61.7	54.1	45.7
54.5°	67.8	69.9	66.7	59.4	52.1	44.0
55°	65.8	66.8	63.9	56.9	49.9	42.0
55.5°	63.7	64.0	61.3	54.2	48.1	40.0
56°	61.7	61.1	58.9	51.4	45.1	36.8
56.5°	59.4	58.3	56.7	49.0	42.1	33.8
57°	56.5	55.7	54.2	46.5	39.4	31.5
57.5°	53.2	52.7	50.9	43.8	36.8	29.8
58°	49.7	49.6	47.5	40.8	34.8	28.5
58.5°	46.2	45.8	44.0	38.3	33.3	27.4
59°	42.9	42.3	40.8	36.4	31.5	26.3
59.5°	40.5	39.8	38.7	34.6	30.0	25.2
60°	38.5	38.1	36.8	33.1	28.7	24.2
60.5°	36.4	36.5	35.3	31.6	27.5	23.4
61°	34.6	34.7	33.5	30.0	26.1	22.4
61.5°	33.2	32.9	31.7	28.3	24.9	21.4
62°	31.3	31.0	29.8	26.8	23.8	20.5
62.5°	29.4	29.0	27.8	25.3	22.8	19.7
63°	27.8	27.2	26.2	23.9	21.7	18.8
63.5°	26.1	25.7	24.7	22.9	20.6	18.1
64°	24.7	24.2	23.4	21.7	19.6	17.3
64.5°	23.3	23.0	22.3	20.6	18.7	16.4
65°	22.1	21.9	21.1	19.6	17.9	15.6
65.5°	21.0	20.7	20.0	18.6	17.1	14.7
66°	19.8	19.6	19.0	17.7	16.3	13.9



TEST NUMBER: P571726

CATALOG NUMBER: RLS6159FS1EWHDM 5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	16.7	16.7	16.0	15.1	13.8	11.7
68°	15.7	15.7	15.1	14.3	13.0	11.1
68.5°	14.9	14.9	14.3	13.7	12.2	10.5
69°	14.1	14.1	13.6	13.0	11.5	10.0
69.5°	13.5	13.4	12.9	12.2	10.8	9.5
70°	12.6	12.6	12.1	11.3	10.1	9.1
70.5°	11.7	11.8	11.3	10.5	9.7	8.8
71°	10.8	11.1	10.7	10.1	9.2	8.3
71.5°	10.1	10.5	10.0	9.7	8.8	7.9
72°	9.4	9.9	9.6	9.1	8.3	7.6
72.5°	9.1	9.4	9.0	8.6	7.9	7.1
73°	8.3	8.7	8.4	8.1	7.6	6.7
73.5°	7.9	8.2	8.0	7.6	7.1	6.3
74°	7.2	7.7	7.5	7.2	6.7	5.9
74.5°	6.8	7.2	7.0	6.8	6.3	5.6
75°	6.2	6.8	6.5	6.3	5.9	5.4
75.5°	5.9	6.2	6.0	5.9	5.5	4.9
76°	5.3	5.7	5.6	5.5	5.1	4.6
76.5°	5.1	5.4	5.4	5.1	4.8	4.4
77°	4.6	4.9	4.8	4.7	4.4	4.0
77.5°	4.0	4.4	4.4	4.3	4.1	3.9
78°	3.8	4.0	4.0	3.9	3.7	3.6
78.5°	3.1	3.6	3.7	3.5	3.4	3.4
79°	2.8	3.3	3.2	3.2	3.2	3.3
79.5°	2.7	2.9	3.0	2.9	3.0	3.2
80°	2.1	2.7	2.7	2.7	2.8	3.1
80.5°	1.9	2.5	2.5	2.5	2.7	3.0
81°	1.7	2.3	2.4	2.4	2.6	2.8
81.5°	1.7	2.3	2.3	2.3	2.5	2.8
82°	1.7	2.1	2.2	2.2	2.4	2.6
82.5°	1.6	2.1	2.0	2.2	2.3	2.5
83°	1.6	1.9	1.9	2.0	2.2	2.3
83.5°	1.2	1.7	1.8	1.9	2.0	2.2
84°	1.0	1.6	1.6	1.7	1.9	2.1
84.5°	0.8	1.4	1.5	1.5	1.8	2.0
85°	0.7	1.3	1.3	1.4	1.6	1.7
85.5°	0.7	1.1	1.1	1.3	1.4	1.6
86°	0.5	0.8	1.0	1.1	1.3	1.5
86.5°	0.3	0.7	0.7	0.9	1.1	1.3
87°	0.1	0.5	0.5	0.7	0.9	1.1
87.5°	0.0	0.3	0.4	0.5	0.7	0.9
88°	0.0	0.1	0.2	0.3	0.6	0.7
88.5°	0.0	0.0	0.1	0.3	0.3	0.7



TEST NUMBER: P571726

CATALOG NUMBER: RLS6159FS1EWHDM 5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
90°	0.0	0.0	0.1	0.0	0.1	0.1
90.5°	0.0	0.0	0.0	0.0	0.1	0.1
91°	0.0	0.0	0.0	0.0	0.1	0.1
91.5°	0.0	0.0	0.0	0.0	0.0	0.0
92°	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0
93°	0.0	0.0	0.0	0.0	0.0	0.0
93.5°	0.0	0.0	0.0	0.0	0.0	0.0
94°	0.0	0.0	0.1	0.0	0.0	0.0
94.5°	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
95.5°	0.0	0.0	0.0	0.0	0.0	0.0
96°	0.0	0.0	0.0	0.0	0.0	0.0
96.5°	0.0	0.0	0.0	0.0	0.0	0.0
97°	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
98°	0.0	0.0	0.0	0.0	0.0	0.0
98.5°	0.0	0.0	0.0	0.0	0.0	0.0
99°	0.0	0.0	0.0	0.0	0.0	0.0
99.5°	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
100.5°	0.0	0.0	0.0	0.0	0.0	0.0
101°	0.0	0.0	0.0	0.0	0.0	0.0
101.5°	0.0	0.0	0.0	0.0	0.0	0.0
102°	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
103°	0.0	0.0	0.0	0.0	0.0	0.0
103.5°	0.0	0.0	0.0	0.0	0.0	0.0
104°	0.0	0.0	0.0	0.0	0.0	0.0
104.5°	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
105.5°	0.0	0.0	0.0	0.0	0.0	0.0
106°	0.0	0.0	0.0	0.0	0.0	0.0
106.5°	0.0	0.0	0.0	0.0	0.0	0.0
107°	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
108°	0.0	0.0	0.0	0.0	0.0	0.0
108.5°	0.0	0.0	0.0	0.0	0.0	0.0
109°	0.0	0.0	0.0	0.0	0.0	0.0
109.5°	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0
110.5°	0.0	0.0	0.0	0.0	0.0	0.0
111°	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P571726

CATALOG NUMBER: RLS6159FS1EWHDM 5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.0	0.0	0.0	0.0	0.0	0.0
113.5°	0.0	0.0	0.0	0.0	0.0	0.0
114°	0.0	0.0	0.0	0.0	0.0	0.0
114.5°	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
115.5°	0.1	0.0	0.0	0.0	0.0	0.0
116°	0.0	0.0	0.0	0.0	0.0	0.0
116.5°	0.0	0.0	0.0	0.0	0.0	0.0
117°	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
118°	0.0	0.0	0.0	0.0	0.0	0.0
118.5°	0.0	0.0	0.0	0.0	0.0	0.0
119°	0.0	0.0	0.0	0.0	0.0	0.0
119.5°	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.1	0.0	0.0	0.0	0.0	0.0
120.5°	0.1	0.0	0.0	0.0	0.0	0.0
121°	0.1	0.0	0.0	0.0	0.0	0.0
121.5°	0.1	0.0	0.0	0.0	0.0	0.0
122°	0.1	0.0	0.0	0.0	0.0	0.0
122.5°	0.1	0.0	0.0	0.0	0.0	0.0
123°	0.1	0.0	0.0	0.0	0.0	0.0
123.5°	0.1	0.0	0.0	0.0	0.0	0.0
124°	0.1	0.0	0.0	0.0	0.0	0.0
124.5°	0.1	0.0	0.0	0.0	0.0	0.0
125°	0.1	0.0	0.0	0.0	0.0	0.0
125.5°	0.1	0.0	0.0	0.0	0.0	0.0
126°	0.1	0.0	0.0	0.0	0.0	0.0
126.5°	0.1	0.0	0.0	0.0	0.0	0.0
127°	0.1	0.0	0.0	0.0	0.0	0.0
127.5°	0.1	0.0	0.0	0.0	0.0	0.0
128°	0.1	0.0	0.0	0.0	0.0	0.0
128.5°	0.1	0.0	0.0	0.0	0.0	0.0
129°	0.1	0.0	0.0	0.0	0.0	0.0
129.5°	0.1	0.0	0.0	0.0	0.0	0.0
130°	0.1	0.0	0.0	0.0	0.0	0.0
130.5°	0.1	0.0	0.0	0.0	0.0	0.0
131°	0.1	0.0	0.0	0.0	0.0	0.0
131.5°	0.1	0.0	0.0	0.0	0.0	0.0
132°	0.1	0.0	0.0	0.0	0.0	0.0
132.5°	0.1	0.0	0.0	0.0	0.0	0.0
133°	0.1	0.0	0.0	0.0	0.0	0.1
133.5°	0.1	0.0	0.0	0.0	0.0	0.1



TEST NUMBER: P571726

CATALOG NUMBER: RLS6159FS1EWHDM 5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
135°	0.1	0.0	0.0	0.0	0.1	0.1
135.5°	0.1	0.0	0.0	0.0	0.1	0.1
136°	0.1	0.0	0.0	0.0	0.1	0.3
136.5°	0.1	0.0	0.0	0.0	0.2	0.4
137°	0.1	0.0	0.0	0.0	0.2	0.4
137.5°	0.1	0.0	0.0	0.0	0.4	0.5
138°	0.2	0.0	0.0	0.2	0.4	0.7
138.5°	0.2	0.0	0.1	0.2	0.4	0.7
139°	0.2	0.0	0.1	0.3	0.5	0.8
139.5°	0.3	0.1	0.3	0.4	0.6	0.8
140°	0.3	0.1	0.3	0.4	0.7	0.7
140.5°	0.3	0.3	0.4	0.5	0.8	0.7
141°	0.3	0.3	0.4	0.5	0.8	0.8
141.5°	0.3	0.5	0.4	0.7	0.7	0.7
142°	0.3	0.6	0.6	0.7	0.7	0.7
142.5°	0.3	0.7	0.6	0.7	0.7	0.9
143°	0.3	0.7	0.7	0.8	0.8	1.0
143.5°	0.4	0.7	0.8	0.9	0.7	1.1
144°	0.4	0.7	0.8	0.9	0.7	1.4
144.5°	0.5	0.7	0.7	0.8	0.9	1.6
145°	0.4	0.7	0.7	0.8	1.0	1.7
145.5°	0.5	0.7	0.7	0.9	1.0	1.7
146°	0.6	0.8	0.8	0.9	1.5	1.7
146.5°	0.5	0.9	0.9	0.9	1.6	1.8
147°	0.7	1.0	1.0	1.1	1.6	1.9
147.5°	0.7	1.1	1.0	1.3	1.8	2.2
148°	0.7	1.5	1.2	1.6	1.7	2.4
148.5°	0.8	1.7	1.6	1.7	1.8	2.8
149°	0.9	1.7	1.7	1.7	2.0	2.8
149.5°	0.9	1.7	1.7	1.7	2.0	2.8
150°	0.9	1.7	1.6	1.8	2.2	2.8
150.5°	1.1	1.7	1.7	1.9	2.7	3.0
151°	1.2	1.9	1.8	2.1	2.8	3.1
151.5°	1.2	2.0	2.0	2.3	2.8	3.3
152°	1.2	2.1	2.1	2.5	2.7	3.6
152.5°	1.4	2.5	2.3	2.7	2.9	3.8
153°	1.4	2.7	2.6	2.7	3.0	3.8
153.5°	1.6	2.7	2.7	2.7	3.2	3.9
154°	1.6	2.7	2.7	2.9	3.5	4.1
154.5°	1.8	2.8	2.7	3.0	3.8	4.3
155°	1.9	2.9	2.9	3.2	3.9	5.0
155.5°	2.1	3.1	3.1	3.5	3.8	5.1
156°	2.2	3.3	3.2	3.8	4.0	5.1



TEST NUMBER: P571726

CATALOG NUMBER: RLS6159FS1EWHDM 5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
157.5°	2.6	3.7	3.8	4.0	5.1	5.2
158°	2.7	3.8	3.8	4.1	5.1	5.3
158.5°	2.9	4.0	3.9	4.7	5.1	5.5
159°	3.0	4.1	4.2	5.1	5.1	5.9
159.5°	3.2	4.3	4.5	5.1	5.2	5.9
160°	3.4	5.0	5.0	5.1	5.3	5.9
160.5°	3.6	5.1	5.0	5.1	5.5	6.1
161°	3.7	5.1	5.0	5.1	5.9	6.1
161.5°	3.9	5.1	5.0	5.3	5.9	6.3
162°	4.0	5.1	5.0	5.5	5.9	6.5
162.5°	4.3	5.2	5.2	5.9	6.1	6.7
163°	4.5	5.2	5.3	5.9	6.2	6.9
163.5°	4.5	5.5	5.6	5.9	6.4	6.9
164°	4.8	5.7	5.8	6.1	6.5	7.0
164.5°	4.9	6.0	5.8	6.2	7.0	7.2
165°	5.1	5.9	5.9	6.4	7.1	7.2
165.5°	5.2	5.9	6.1	6.5	7.1	7.4
166°	5.5	6.1	6.3	6.9	7.1	7.4
166.5°	5.6	6.3	6.5	6.9	7.1	7.5
167°	5.6	6.3	7.0	6.9	7.2	7.5
167.5°	5.8	6.6	7.0	7.1	7.3	7.6
168°	6.0	6.9	7.0	7.1	7.3	7.8
168.5°	6.2	6.9	7.0	7.1	7.4	8.0
169°	6.2	6.9	7.1	7.3	7.5	8.1
169.5°	6.3	6.9	7.2	7.3	7.6	8.2
170°	6.4	7.1	7.4	7.5	7.6	8.2
170.5°	6.6	7.3	7.7	7.7	8.0	8.2
171°	6.7	7.4	7.9	8.0	8.1	8.2
171.5°	6.9	7.9	8.0	8.0	8.2	8.2
172°	6.9	8.1	8.0	8.0	8.2	8.2
172.5°	7.1	8.1	8.0	8.0	8.2	8.2
173°	7.3	8.1	8.0	8.0	8.2	8.2
173.5°	7.4	8.1	8.0	8.0	8.2	8.2
174°	7.5	8.1	8.0	8.0	8.2	8.2
174.5°	7.6	8.1	8.0	8.1	8.2	8.2
175°	7.6	8.1	8.0	8.1	8.2	8.2
175.5°	7.7	8.1	8.0	8.1	8.2	8.2
176°	7.7	8.1	8.0	8.2	8.2	8.2
176.5°	7.7	8.1	8.0	8.2	8.2	8.2
177°	7.8	8.1	8.0	8.1	8.2	8.2
177.5°	7.8	8.1	8.0	8.1	8.2	8.2
178°	7.9	8.1	8.0	8.1	8.2	8.2
178.5°	7.9	8.2	8.0	8.1	8.2	8.2



TEST NUMBER: P571726

CATALOG NUMBER: RLS6159FS1EWHDM 5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
180°	8.1	8.1	8.1	8.1	8.1	8.1



Report Generated By 670245859 / DESKTOP-HRDQ47P





— 0°-180° - - 45°-225° - - - - 90°-270° - · - · 135°-315°







21.5°	1560.5	1223.8	974.6	816.7	758.5	767.8	863.2	1053.6	1333.1	1658.4	1980.4
22°	1499.1	1162.7	915.8	768.2	712.2	717.7	812.5	998.3	1269.1	1609.6	1935.0



44°	92.1	73.3	63.5	59.8	56.1	57.0	58.1	65.7	77.4	98.7	133.8
44.5°	88.5	70.9	61.7	58.4	54.8	55.8	56.2	64.3	75.2	94.4	126.4



66.5°	13.1	11.3	10.2	9.7	8.5	9.0	9.5	10.6	12.4	14.8	17.0
67°	12.3	10.8	9.8	9.3	8.1	8.3	9.2	10.1	11.7	13.9	16.1



89°	0.5	0.7	0.9	1.0	0.6	0.5	0.4	0.1	0.1	0.0	0.0
89.5°	0.3	0.5	0.7	0.8	0.5	0.4	0.2	0.0	0.1	0.0	0.0



111.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
112°	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0



134°	0.0	0.5	0.9	0.8	0.5	0.5	0.4	0.3	0.3	0.2	0.1
134.5°	0.1	0.6	0.8	0.8	0.5	0.5	0.5	0.4	0.3	0.2	0.1



156.5°	5.1	5.9	6.0	6.3	5.3	4.9	4.3	4.7	4.2	3.4	2.8
157°	5.1	5.9	6.1	6.5	5.5	5.2	4.5	4.8	4.5	3.6	3.0



179°	8.2	8.1	7.9	7.7	9.2	8.6	8.1	8.2	8.3	8.2	8.0
179.5°	8.2	8.1	8.0	7.7	9.2	8.6	8.1	8.2	8.3	8.2	8.1





21.5°	2271.8	2367.2	2324.0	2155.8	1897.9	1560.5
22°	2220.9	2316.1	2290.2	2120.0	1843.2	1499.1



44°	187.3	210.9	202.9	159.3	119.6	92.1
44.5°	174.0	197.4	188.7	149.2	113.0	88.5



66.5°	18.7	18.5	18.0	16.8	15.5	13.1
67°	17.8	17.6	16.9	15.9	14.7	12.3



89°	0.0	0.0	0.0	0.1	0.3	0.5
89.5°	0.0	0.1	0.0	0.0	0.1	0.3



111.5°	0.0	0.0	0.0	0.0	0.0	0.0
112°	0.0	0.0	0.0	0.0	0.0	0.0



134°	0.1	0.0	0.0	0.0	0.0	0.0
134.5°	0.1	0.0	0.0	0.0	0.0	0.1



156.5°	2.3	3.5	3.5	3.8	4.1	5.1
157°	2.4	3.7	3.7	3.8	4.9	5.1



179°	7.9	8.2	8.0	8.1	8.2	8.2
179.5°	7.9	8.5	8.0	8.1	8.3	8.2



(END OF REPORT)