

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: P571724

Luminaire Tested: **RLS6159FS1EWHDM 3500K**

Issue Date: 9/21/2021

Test Information

Test Method: LM-41-14
Report Number: P571724
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 3500K
Description: 6 INCH SLOPE DM AT 9 Degrees TILT
Light Source: (1) HIGH LUMEN LED 90CRI / 3500K CCT
Ballast/Driver: -

Summary

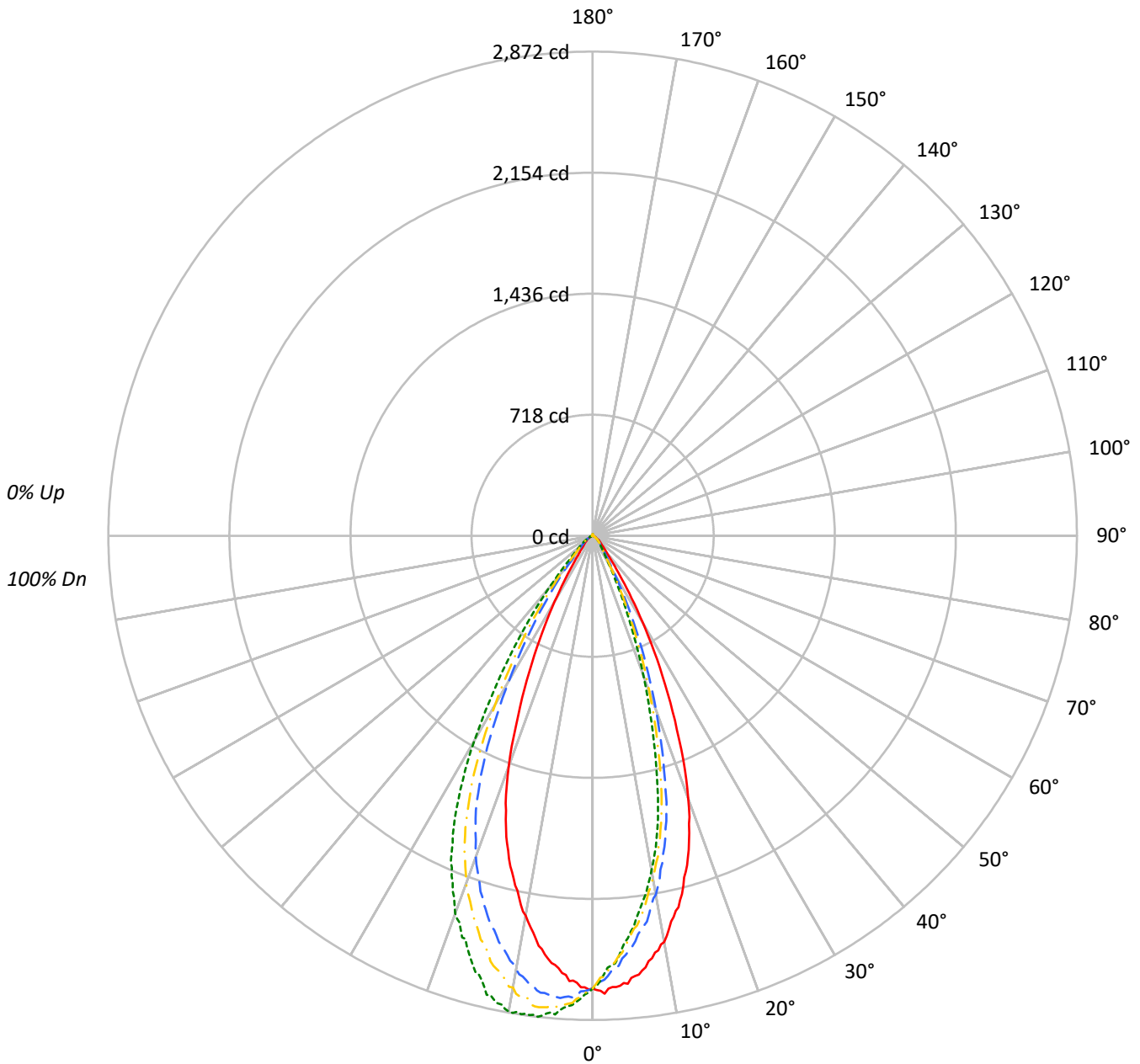
Lumens per Lamp: N/A
Luminaire Lumens: 1670.0 lumens
Efficiency: N/A
Efficacy: 87.9 lumens/watt
Spacing Criteria (0/90/45): 0.71 / 0.73 / 0.72
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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



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CATALOG NUMBER: RLS6159FS1EWHDM 3500K

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°	147296	147296	147296	147296
5°	144832	131889	140645	156168
10°	136209	112161	127391	159544
15°	119115	83741	109813	152197
20°	96643	51519	84935	138997
25°	66034	26143	53658	118737
30°	37715	11907	28511	88393
35°	17607	6880	12608	54609
40°	9160	4988	7228	28310
45°	6264	3962	5419	13660
50°	4776	3190	4384	8537
55°	3842	2275	3651	6117
60°	2544	1699	2522	3991
65°	1946	1245	1868	2724
70°	1394	930	1298	1939
75°	1080	763	1059	1377
80°	947	852	821	821
85°	1069	1006	629	818



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	242.6	14.5
10°-20°	561.4	33.6
20°-30°	498.4	29.8
30°-40°	226.4	13.6
40°-50°	76.3	4.6
50°-60°	36.9	2.2
60°-70°	15.4	0.9
70°-80°	5.5	0.3
80°-90°	1.5	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°	1.7	0.1
160°-170°	1.8	0.1
170°-180°	0.7	0.0
0°-30°	1302.4	78.0
0°-40°	1528.7	91.5
0°-60°	1642.0	98.3
0°-90°	1664.5	99.7
90°-120°	0.0	0.0
90°-150°	1.3	0.1
90°-180°	6.0	0.4
0°-180°	1670.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2687	2687	2687	2687	2687	
5°	2632	2397	2556	2838	2632	245
15°	2099	1476	1935	2682	2099	580
25°	1092	432	887	1963	1092	495
35°	263	103	188	816	263	181
45°	81	51	70	176	81	65
55°	40	24	38	64	40	35
65°	15	10	14	21	15	15
75°	5	4	5	6	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	4	4	3	5	2
165°	7	7	7	6	7	2
175°	8	9	8	8	8	1
180°	8	8	8	8	8	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	2686.9	2686.9	2686.9	2686.9	2686.9	2686.9	2686.9	2686.9	2686.9	2686.9	2686.9
0.5°	2694.9	2673.7	2653.0	2675.2	2671.2	2666.3	2654.1	2668.2	2691.9	2695.1	2693.9
1°	2699.6	2660.1	2645.2	2653.7	2640.7	2628.4	2621.9	2665.1	2678.3	2693.7	2701.3
1.5°	2717.5	2652.7	2634.7	2626.8	2601.2	2603.9	2616.8	2643.9	2678.6	2705.0	2702.7
2°	2688.5	2637.2	2612.5	2606.5	2563.3	2573.1	2581.9	2634.2	2653.3	2695.1	2732.0
2.5°	2679.4	2634.6	2581.2	2581.6	2551.8	2553.2	2552.1	2620.2	2641.3	2684.7	2741.7
3°	2679.8	2618.8	2573.8	2553.6	2539.5	2520.1	2533.2	2598.4	2644.7	2678.9	2737.3
3.5°	2673.3	2595.3	2553.8	2519.5	2505.3	2483.1	2499.0	2565.7	2609.6	2675.8	2741.1
4°	2658.8	2568.6	2514.0	2485.7	2459.4	2460.1	2480.8	2546.2	2600.6	2669.6	2748.8
4.5°	2666.4	2568.3	2493.7	2471.7	2420.2	2414.8	2448.5	2537.3	2572.7	2644.1	2745.0
5°	2631.9	2547.0	2469.9	2445.7	2396.7	2387.6	2407.2	2496.7	2555.8	2651.7	2747.0
5.5°	2623.9	2535.3	2447.9	2404.4	2358.5	2352.2	2375.3	2476.0	2545.7	2620.4	2733.7
6°	2617.1	2493.5	2417.8	2372.6	2330.9	2323.5	2343.7	2443.3	2522.1	2596.5	2726.9
6.5°	2595.5	2464.1	2379.4	2346.8	2286.2	2294.5	2327.9	2412.0	2499.9	2600.2	2727.3
7°	2579.5	2477.3	2355.1	2313.1	2247.9	2263.8	2293.7	2384.3	2470.5	2562.3	2716.6
7.5°	2546.0	2430.0	2333.1	2280.5	2212.4	2222.7	2257.1	2349.0	2454.0	2554.1	2692.2
8°	2530.1	2412.3	2310.3	2240.2	2175.5	2186.3	2220.9	2315.9	2416.3	2536.0	2687.1
8.5°	2500.4	2371.8	2269.1	2193.6	2142.9	2133.0	2175.9	2281.5	2380.0	2502.5	2666.4
9°	2490.5	2339.0	2219.5	2156.8	2096.0	2090.7	2134.4	2250.6	2350.8	2478.2	2647.1
9.5°	2457.8	2310.2	2180.6	2111.1	2058.2	2054.9	2107.9	2221.1	2321.8	2455.2	2637.8
10°	2446.9	2284.0	2161.7	2075.5	2014.9	2022.6	2057.0	2167.7	2288.5	2433.4	2612.3
10.5°	2412.8	2257.8	2119.0	2033.7	1971.3	1972.4	2017.8	2134.5	2268.1	2408.2	2582.3
11°	2374.8	2208.6	2079.6	1973.5	1926.5	1920.5	1976.8	2096.4	2229.7	2383.3	2567.3
11.5°	2334.1	2177.2	2020.5	1931.0	1883.1	1878.0	1940.8	2063.4	2187.2	2360.6	2539.5
12°	2312.5	2140.5	1984.6	1884.5	1827.3	1832.1	1882.6	2026.0	2150.8	2321.0	2512.5
12.5°	2279.0	2104.6	1932.7	1834.8	1774.1	1787.4	1841.7	1977.8	2124.5	2302.1	2494.1
13°	2261.2	2086.0	1893.0	1779.0	1721.1	1719.8	1789.2	1928.9	2084.9	2268.6	2472.3
13.5°	2222.6	2025.1	1846.8	1727.6	1660.3	1660.0	1745.3	1882.8	2050.0	2234.8	2440.5
14°	2189.9	1976.5	1787.6	1669.8	1599.3	1603.3	1686.0	1840.0	2020.3	2205.9	2410.1
14.5°	2145.3	1923.6	1748.6	1598.3	1535.0	1547.9	1633.4	1793.8	1979.9	2175.0	2395.2
15°	2098.8	1881.6	1692.1	1541.2	1475.5	1486.6	1575.2	1757.7	1934.9	2130.7	2365.8
15.5°	2068.2	1843.9	1640.3	1477.3	1410.3	1419.8	1519.4	1702.0	1896.5	2098.0	2336.5
16°	2033.7	1784.9	1568.9	1419.2	1345.6	1355.5	1461.0	1649.1	1859.6	2065.3	2303.4
16.5°	1988.2	1722.4	1511.4	1345.6	1280.6	1294.0	1398.6	1593.8	1806.7	2032.6	2276.1
17°	1948.7	1684.9	1448.8	1289.9	1220.0	1231.5	1332.4	1533.6	1759.9	1990.8	2239.7
17.5°	1901.9	1640.5	1393.6	1224.7	1159.1	1171.1	1275.9	1472.6	1709.8	1956.3	2211.2
18°	1853.9	1587.3	1331.6	1168.2	1100.1	1118.2	1216.9	1420.1	1669.4	1919.9	2169.0
18.5°	1801.2	1520.5	1274.0	1109.6	1044.5	1056.7	1156.0	1363.2	1617.9	1873.8	2133.8
19°	1764.7	1468.5	1211.7	1053.9	991.5	1000.2	1100.1	1298.2	1561.5	1826.0	2099.8
19.5°	1712.2	1404.0	1149.7	1001.0	937.9	943.5	1035.9	1233.8	1508.5	1782.2	2066.4
20°	1656.6	1339.8	1101.7	945.8	883.1	888.0	983.7	1176.2	1455.9	1735.1	2025.1
20.5°	1603.6	1281.3	1043.4	891.1	830.1	834.1	930.1	1121.2	1395.7	1684.9	1982.9
21°	1549.8	1230.5	989.0	833.4	776.5	784.1	879.5	1063.2	1337.6	1639.8	1933.5



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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°	1374.8	1061.9	825.9	690.3	633.7	641.0	725.0	905.5	1155.5	1488.5	1812.9
23°	1317.1	1007.3	778.1	642.0	589.3	597.2	678.7	851.1	1102.9	1432.9	1770.3
23.5°	1254.2	957.2	730.8	596.2	547.3	555.1	631.8	800.5	1046.6	1373.8	1724.1
24°	1198.7	907.7	683.1	551.1	506.6	516.3	586.1	753.1	996.6	1317.3	1668.9
24.5°	1144.5	855.8	642.9	508.8	467.5	476.0	543.4	701.5	940.8	1257.5	1617.9
25°	1091.7	799.0	596.0	473.3	432.2	438.9	504.9	653.7	887.1	1200.4	1566.1
25.5°	1035.9	750.8	555.7	437.0	398.4	405.1	466.1	610.5	838.3	1145.6	1509.9
26°	979.5	705.6	515.2	405.3	366.3	371.9	428.8	568.8	788.8	1088.0	1450.6
26.5°	927.8	659.7	479.0	372.1	336.4	340.8	394.8	526.0	738.7	1034.3	1396.9
27°	877.9	612.6	439.6	340.7	309.2	311.7	362.6	485.4	695.5	980.5	1336.9
27.5°	827.7	571.9	403.3	310.5	283.0	283.4	331.6	450.0	648.5	929.2	1279.5
28°	778.2	532.1	368.3	284.4	260.1	257.7	301.2	412.7	607.8	877.4	1218.0
28.5°	728.2	490.9	337.7	261.7	238.7	236.7	275.5	378.8	564.3	827.4	1161.5
29°	681.2	454.9	310.3	242.0	220.0	217.5	251.7	350.2	525.3	779.8	1104.4
29.5°	637.2	418.6	284.8	222.5	203.2	202.1	229.2	319.5	488.0	728.7	1047.7
30°	595.8	384.9	261.1	205.2	188.1	186.7	210.5	291.0	450.4	685.9	989.7
30.5°	554.3	352.9	239.5	189.7	175.5	173.4	193.5	264.1	415.1	639.2	940.7
31°	513.5	324.0	220.1	176.8	163.7	160.8	178.3	241.7	381.2	596.8	886.8
31.5°	475.4	297.2	202.9	164.3	152.7	149.8	164.7	220.9	349.8	555.8	835.9
32°	437.5	272.7	187.7	154.1	143.3	140.0	153.5	202.2	320.1	517.2	788.2
32.5°	405.2	250.9	175.0	145.3	133.9	131.4	143.9	185.3	292.7	480.2	740.6
33°	372.7	230.5	163.1	136.8	126.5	123.0	135.0	170.4	267.3	444.3	691.7
33.5°	343.2	211.5	152.7	130.5	119.9	116.3	126.4	157.8	244.5	408.7	647.2
34°	314.5	195.2	142.8	123.9	113.8	110.0	119.7	147.6	223.5	377.2	603.8
34.5°	287.0	181.2	133.9	117.1	108.0	104.8	113.5	137.8	204.6	346.6	561.7
35°	263.1	168.3	126.1	110.9	102.8	99.1	107.6	129.2	188.4	317.2	519.8
35.5°	242.0	157.5	119.5	105.3	97.9	94.7	102.7	122.3	174.0	290.7	480.6
36°	223.3	147.3	113.1	101.2	93.6	90.1	98.3	116.0	161.3	265.8	444.9
36.5°	206.1	137.8	107.0	96.4	89.4	86.8	94.0	109.8	149.8	242.9	410.2
37°	191.0	129.5	102.3	91.9	86.2	83.6	90.2	104.8	140.2	222.5	377.4
37.5°	176.9	122.9	97.6	87.8	83.1	80.6	86.6	100.3	131.2	204.5	347.2
38°	164.1	116.6	93.4	83.7	79.9	78.0	83.3	95.1	123.9	188.5	317.5
38.5°	153.9	111.1	89.8	80.5	76.8	75.6	80.0	90.8	117.8	174.9	291.5
39°	144.2	106.4	86.6	78.3	74.2	73.5	77.4	87.6	112.0	162.8	266.6
39.5°	135.2	101.8	83.3	76.0	71.9	71.1	74.9	84.1	106.1	152.1	244.2
40°	128.0	97.4	80.2	73.6	69.7	69.0	72.4	80.7	101.0	142.6	223.5
40.5°	121.6	93.4	77.7	71.2	67.7	66.8	69.6	77.4	96.1	134.4	205.4
41°	115.2	89.6	75.2	69.0	65.7	64.7	67.1	75.1	91.8	126.7	189.0
41.5°	109.8	85.8	72.7	66.7	63.6	62.7	64.9	72.4	88.2	120.4	175.7
42°	105.2	82.0	70.1	64.7	61.6	61.0	62.8	70.1	84.9	114.3	163.4
42.5°	101.0	78.8	67.7	62.8	59.5	59.0	61.1	68.1	82.0	108.6	153.8
43°	96.2	75.6	65.1	60.9	57.3	57.4	59.3	66.5	79.2	103.2	144.8
43.5°	91.8	72.4	62.9	59.1	55.2	56.1	57.4	64.7	76.6	98.5	136.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	80.8	65.6	57.5	54.0	51.1	52.2	52.5	60.0	69.9	86.6	114.5
45.5°	77.6	63.6	56.0	52.5	49.9	50.9	51.2	58.3	67.9	83.4	108.4
46°	74.5	61.8	54.8	50.9	48.7	49.5	49.7	56.9	66.0	80.2	102.9
46.5°	71.5	59.8	53.2	49.7	47.6	48.0	48.2	55.2	63.9	77.5	97.8
47°	68.9	58.0	51.9	48.2	46.4	46.5	47.0	53.6	61.9	74.7	93.2
47.5°	66.3	56.0	50.4	46.5	45.4	45.1	45.6	52.0	59.9	72.3	89.2
48°	64.2	54.3	48.9	45.0	44.0	43.8	44.4	50.8	57.9	69.9	85.9
48.5°	62.2	52.6	47.5	43.4	42.3	42.4	43.2	49.0	56.1	67.9	82.8
49°	60.2	50.8	46.2	42.0	40.5	41.1	41.9	47.4	54.4	65.7	79.5
49.5°	58.1	49.0	45.1	40.5	39.0	39.9	40.7	46.2	53.0	63.6	77.2
50°	56.0	47.3	43.8	39.2	37.4	38.8	39.7	44.6	51.4	61.4	74.5
50.5°	54.4	45.7	42.6	38.0	36.1	37.8	38.4	42.8	50.0	59.3	72.2
51°	52.4	44.1	41.3	36.9	34.8	36.7	37.1	41.6	48.8	57.3	70.2
51.5°	50.7	42.6	40.2	35.6	33.6	35.5	35.9	40.3	47.3	55.7	68.1
52°	49.2	41.4	38.8	34.4	32.2	34.4	34.6	39.1	46.1	53.9	65.3
52.5°	47.7	40.1	37.1	33.0	31.1	33.2	33.4	37.8	44.8	51.9	62.8
53°	46.3	38.7	35.3	31.5	29.6	32.0	32.3	36.7	43.6	50.4	60.6
53.5°	45.0	37.1	33.1	29.8	28.4	30.7	31.1	35.5	42.3	48.9	58.5
54°	43.7	35.4	30.7	28.1	26.9	29.1	30.0	34.6	40.9	47.5	56.5
54.5°	42.1	33.8	28.8	26.3	25.2	26.8	28.8	33.6	39.7	45.9	54.9
55°	40.2	31.9	27.1	24.8	23.8	24.9	27.5	32.5	38.2	44.5	53.3
55.5°	38.3	29.4	25.5	23.8	22.4	23.6	25.9	30.7	36.7	42.8	51.6
56°	35.2	27.5	24.5	23.0	21.3	22.4	24.5	28.9	34.9	41.0	50.3
56.5°	32.4	26.3	23.7	22.3	20.5	21.6	23.2	27.2	33.3	39.1	48.5
57°	30.1	25.1	22.8	21.4	19.8	20.9	22.1	25.4	31.2	37.2	47.2
57.5°	28.5	24.2	22.2	20.4	18.9	20.0	21.3	24.1	29.4	35.1	44.9
58°	27.3	23.2	21.4	19.6	18.0	19.1	20.7	23.2	27.8	32.6	41.8
58.5°	26.2	22.4	20.5	18.7	17.3	18.2	19.8	22.4	26.3	30.6	39.0
59°	25.2	21.8	19.8	18.0	16.8	17.2	19.0	21.6	25.0	29.2	36.0
59.5°	24.1	21.1	19.0	17.2	16.0	16.7	18.1	21.0	24.0	27.6	33.8
60°	23.2	20.3	18.1	16.5	15.5	15.9	17.4	20.1	23.0	26.3	32.0
60.5°	22.3	19.6	17.2	15.9	14.7	15.2	16.8	19.3	22.1	25.3	30.4
61°	21.4	18.8	16.5	15.1	14.1	14.6	16.0	18.4	21.5	24.3	28.9
61.5°	20.5	18.0	15.7	14.4	13.5	13.9	15.3	17.4	20.7	23.3	27.6
62°	19.7	17.1	15.0	13.8	12.7	13.2	14.7	16.8	19.9	22.2	26.2
62.5°	18.8	16.4	14.3	13.2	12.0	12.6	13.8	15.9	19.0	21.3	24.9
63°	18.0	15.6	13.6	12.5	11.6	11.9	13.1	15.0	18.1	20.3	23.5
63.5°	17.3	14.8	12.8	11.9	10.8	11.2	12.5	14.3	17.1	19.4	22.2
64°	16.5	14.1	12.2	11.4	10.6	10.6	11.8	13.5	16.2	18.4	21.2
64.5°	15.7	13.3	11.7	10.8	9.9	10.2	11.1	12.8	15.3	17.7	20.1
65°	15.0	12.6	11.1	10.4	9.6	9.6	10.5	12.1	14.4	17.0	19.0
65.5°	14.0	11.9	10.6	10.0	9.0	9.2	10.0	11.3	13.6	16.0	18.1
66°	13.3	11.4	10.2	9.6	8.6	8.8	9.6	10.8	12.8	15.1	17.2



TEST NUMBER: P571724

CATALOG NUMBER: RLS6159FS1EWHDM 3500K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	11.2	9.8	9.0	8.5	7.6	7.7	8.5	9.2	10.7	12.7	14.7
68°	10.6	9.4	8.6	8.2	7.1	7.5	8.0	8.8	10.0	11.9	13.8
68.5°	10.0	8.9	8.2	7.9	6.8	7.1	7.6	8.5	9.6	11.1	13.0
69°	9.6	8.5	7.9	7.6	6.5	6.8	7.3	7.9	9.0	10.6	12.2
69.5°	9.1	8.2	7.6	7.2	6.2	6.6	6.9	7.5	8.7	9.9	11.4
70°	8.7	7.9	7.3	7.0	5.8	6.1	6.6	7.2	8.1	9.3	10.7
70.5°	8.4	7.5	6.9	6.6	5.5	5.8	6.4	6.8	7.8	8.8	9.9
71°	7.9	7.2	6.6	6.4	5.3	5.7	6.0	6.6	7.4	8.4	9.2
71.5°	7.5	6.8	6.3	6.1	5.0	5.4	5.6	6.2	7.0	7.9	8.9
72°	7.3	6.5	6.0	5.8	5.0	5.0	5.5	5.8	6.7	7.6	8.4
72.5°	6.8	6.1	5.6	5.5	4.9	5.0	5.0	5.5	6.3	7.0	7.8
73°	6.4	5.9	5.4	5.3	4.9	5.0	4.8	5.2	5.9	6.6	7.4
73.5°	6.1	5.5	5.2	5.1	4.3	4.9	4.8	4.9	5.6	6.3	6.8
74°	5.7	5.2	4.9	4.8	3.8	4.5	4.8	4.9	5.2	5.8	6.6
74.5°	5.3	4.9	4.5	4.6	3.7	3.9	4.0	4.8	5.0	5.5	5.9
75°	5.1	4.6	4.4	4.5	3.6	3.7	3.8	4.0	5.0	5.0	5.6
75.5°	4.7	4.4	4.2	4.3	3.6	3.6	3.6	3.8	4.7	4.8	5.1
76°	4.4	4.1	4.0	4.4	3.6	3.6	3.6	3.6	3.9	4.7	5.0
76.5°	4.2	3.9	4.0	4.3	3.6	3.6	3.6	3.6	3.7	3.9	4.9
77°	3.9	3.7	3.8	4.1	3.6	3.6	3.5	3.3	3.6	3.7	3.9
77.5°	3.7	3.6	3.8	4.1	3.5	3.6	3.4	3.2	3.2	3.4	3.7
78°	3.4	3.5	3.7	4.0	3.1	3.4	3.2	3.1	2.9	3.0	3.2
78.5°	3.2	3.5	3.7	3.9	3.0	3.1	3.1	3.0	2.8	2.7	2.9
79°	3.2	3.4	3.6	3.8	2.9	3.0	3.0	2.9	2.7	2.6	2.5
79.5°	3.1	3.3	3.6	3.7	2.8	2.9	2.9	2.8	2.7	2.6	2.4
80°	3.0	3.2	3.4	3.5	2.7	2.9	2.7	2.7	2.6	2.6	2.1
80.5°	2.9	3.2	3.4	3.5	2.6	2.7	2.7	2.7	2.6	2.2	1.9
81°	2.7	3.0	3.2	3.4	2.6	2.6	2.7	2.7	2.6	2.0	1.8
81.5°	2.6	2.9	3.1	3.3	2.6	2.7	2.6	2.7	2.3	1.9	1.8
82°	2.5	2.8	2.9	3.1	2.6	2.7	2.6	2.5	2.0	1.8	1.6
82.5°	2.4	2.6	2.9	3.0	2.5	2.5	2.4	2.0	1.7	1.6	1.6
83°	2.2	2.5	2.7	2.8	2.2	2.2	2.0	1.9	1.7	1.5	1.4
83.5°	2.1	2.4	2.5	2.7	2.0	2.0	1.8	1.7	1.7	1.5	1.4
84°	2.0	2.2	2.4	2.6	1.9	1.8	1.7	1.6	1.6	1.3	1.0
84.5°	1.9	2.1	2.3	2.4	1.7	1.7	1.5	1.6	1.5	1.0	0.9
85°	1.7	1.9	2.1	2.3	1.6	1.5	1.5	1.3	1.0	0.8	0.7
85.5°	1.5	1.8	2.0	2.2	1.6	1.6	1.5	1.1	0.8	0.7	0.6
86°	1.4	1.6	1.8	2.0	1.6	1.4	1.1	0.9	0.7	0.6	0.6
86.5°	1.2	1.4	1.6	1.8	1.3	1.2	1.0	0.8	0.6	0.6	0.4
87°	1.1	1.4	1.5	1.6	1.0	1.0	0.8	0.8	0.6	0.4	0.3
87.5°	0.9	1.2	1.4	1.5	0.8	0.8	0.7	0.6	0.5	0.1	0.0
88°	0.7	1.0	1.2	1.3	0.7	0.6	0.6	0.6	0.2	0.0	0.0
88.5°	0.6	0.8	1.0	1.2	0.6	0.6	0.6	0.4	0.1	0.0	0.0



TEST NUMBER: P571724

CATALOG NUMBER: RLS6159FS1EWHDM 3500K

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: P571724

CATALOG NUMBER: RLS6159FS1EWHDM 3500K

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	0.7	0.4	0.3	0.3	0.3	0.2	0.1	0.1
132.5°	0.0	0.5	0.6	0.7	0.4	0.3	0.3	0.3	0.3	0.1	0.1
133°	0.1	0.5	0.7	0.7	0.4	0.4	0.3	0.3	0.3	0.2	0.1
133.5°	0.1	0.6	0.8	0.7	0.4	0.4	0.3	0.3	0.3	0.2	0.1



TEST NUMBER: P571724

CATALOG NUMBER: RLS6159FS1EWHDM 3500K

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	0.4	0.4	0.3	0.2	0.2
135.5°	0.1	0.8	0.8	0.8	0.6	0.6	0.4	0.3	0.3	0.3	0.2
136°	0.3	0.7	0.8	0.9	0.6	0.6	0.5	0.5	0.4	0.3	0.2
136.5°	0.4	0.7	0.8	1.0	0.6	0.6	0.5	0.5	0.4	0.3	0.2
137°	0.4	0.7	0.8	1.2	0.7	0.7	0.6	0.5	0.4	0.3	0.2
137.5°	0.5	0.7	0.8	1.6	0.6	0.6	0.6	0.5	0.4	0.3	0.2
138°	0.7	0.7	0.8	1.5	0.8	0.8	0.6	0.6	0.4	0.3	0.2
138.5°	0.6	0.7	0.9	1.6	0.8	0.9	0.6	0.6	0.5	0.3	0.3
139°	0.8	0.8	1.0	1.5	0.9	0.8	0.7	0.6	0.5	0.4	0.3
139.5°	0.8	0.8	1.2	1.7	1.0	0.9	0.8	0.6	0.6	0.3	0.3
140°	0.7	0.8	1.5	1.8	1.0	1.0	0.8	0.6	0.6	0.4	0.3
140.5°	0.7	0.9	1.6	1.9	1.0	1.1	0.8	0.7	0.5	0.4	0.4
141°	0.8	1.0	1.6	2.0	1.1	1.1	0.9	0.8	0.6	0.5	0.3
141.5°	0.7	1.2	1.6	2.2	1.2	1.2	0.9	0.8	0.6	0.5	0.4
142°	0.7	1.5	1.7	2.6	1.2	1.3	1.0	0.9	0.8	0.5	0.4
142.5°	0.9	1.5	1.8	2.7	1.3	1.3	1.1	1.0	0.8	0.5	0.3
143°	1.0	1.6	1.9	2.7	1.4	1.5	1.2	1.1	0.8	0.5	0.4
143.5°	1.1	1.5	2.0	2.7	1.6	1.5	1.3	1.1	0.9	0.6	0.5
144°	1.4	1.7	2.2	2.8	1.7	1.7	1.3	1.2	0.9	0.7	0.5
144.5°	1.6	1.7	2.6	2.9	1.7	1.7	1.5	1.2	1.0	0.8	0.5
145°	1.6	1.9	2.6	3.1	1.9	1.8	1.5	1.4	1.2	0.7	0.6
145.5°	1.6	2.1	2.7	3.2	2.0	2.0	1.6	1.5	1.2	0.9	0.6
146°	1.6	2.4	2.7	3.6	2.1	2.0	1.7	1.6	1.3	0.9	0.6
146.5°	1.7	2.6	2.8	3.7	2.3	2.2	1.7	1.6	1.4	0.9	0.7
147°	1.8	2.6	2.9	3.7	2.4	2.3	1.8	1.7	1.5	1.0	0.8
147.5°	2.1	2.6	3.0	3.8	2.5	2.5	2.0	1.9	1.5	1.2	0.8
148°	2.3	2.8	3.1	3.9	2.6	2.5	2.1	1.9	1.6	1.2	0.8
148.5°	2.6	2.8	3.6	4.1	2.7	2.7	2.2	2.0	1.7	1.2	1.0
149°	2.7	3.0	3.7	4.6	2.9	2.9	2.3	2.1	1.9	1.4	1.0
149.5°	2.7	3.3	3.7	5.0	3.0	2.9	2.4	2.3	2.0	1.5	1.1
150°	2.7	3.5	3.7	5.0	3.2	3.1	2.5	2.5	2.2	1.6	1.2
150.5°	2.8	3.6	3.9	5.0	3.3	3.2	2.6	2.6	2.2	1.7	1.2
151°	3.0	3.7	4.0	5.0	3.4	3.4	2.7	2.8	2.4	1.7	1.4
151.5°	3.1	3.8	4.3	5.0	3.5	3.4	2.9	2.9	2.5	1.9	1.5
152°	3.4	4.0	4.9	5.0	3.6	3.6	2.9	3.1	2.7	2.1	1.6
152.5°	3.6	4.8	4.9	5.2	3.8	3.7	3.1	3.2	2.8	2.1	1.6
153°	3.6	4.9	4.9	5.2	4.0	3.8	3.2	3.4	3.0	2.3	1.8
153.5°	3.7	4.9	4.9	5.6	4.2	4.0	3.3	3.5	3.1	2.4	1.9
154°	3.9	4.9	4.9	5.8	4.3	4.1	3.4	3.6	3.3	2.6	2.0
154.5°	4.1	4.9	5.1	5.8	4.5	4.3	3.6	3.8	3.5	2.7	2.2
155°	4.8	5.1	5.3	5.8	4.5	4.4	3.7	4.0	3.6	2.8	2.3
155.5°	4.8	5.2	5.6	5.8	4.7	4.5	3.8	4.1	3.8	3.0	2.4
156°	4.8	5.5	5.7	5.9	4.9	4.6	4.0	4.2	3.9	3.2	2.5



TEST NUMBER: P571724

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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°	5.0	5.8	6.0	6.3	5.2	5.1	4.5	4.8	4.4	3.7	3.0
158°	5.1	5.9	6.2	6.8	5.4	5.3	4.6	4.9	4.6	3.9	3.2
158.5°	5.3	6.1	6.4	6.9	5.6	5.3	4.7	5.2	4.8	4.0	3.3
159°	5.7	6.3	6.7	6.9	5.7	5.5	5.1	5.3	5.0	4.2	3.5
159.5°	5.7	6.7	6.8	6.9	5.9	5.7	5.2	5.4	5.2	4.4	3.7
160°	5.7	6.8	6.7	6.9	6.0	5.8	5.2	5.6	5.3	4.5	3.8
160.5°	5.8	6.7	6.7	6.9	6.1	5.9	5.5	5.8	5.5	4.7	4.0
161°	5.9	6.7	6.8	7.0	6.3	6.1	5.7	5.9	5.7	4.9	4.2
161.5°	6.1	6.8	6.9	7.1	6.4	6.2	5.8	6.1	5.8	5.2	4.3
162°	6.2	7.0	7.1	7.3	6.6	6.4	6.0	6.3	5.9	5.2	4.5
162.5°	6.5	7.1	7.3	7.3	6.6	6.5	6.1	6.4	6.1	5.3	4.7
163°	6.6	7.1	7.3	7.5	6.8	6.6	6.3	6.5	6.3	5.5	4.8
163.5°	6.6	7.2	7.4	7.7	6.9	6.7	6.4	6.7	6.4	5.6	5.0
164°	6.7	7.5	7.7	7.8	7.0	6.9	6.6	6.8	6.5	5.7	5.2
164.5°	6.8	7.7	7.7	8.0	7.1	7.0	6.8	7.0	6.6	5.9	5.3
165°	6.9	7.9	7.8	8.0	7.3	7.2	7.0	7.2	6.9	6.0	5.4
165.5°	7.0	7.9	7.8	8.0	7.3	7.3	7.1	7.3	7.0	6.2	5.6
166°	7.0	7.8	7.8	8.0	7.5	7.4	7.3	7.4	7.2	6.3	5.6
166.5°	7.2	7.8	7.8	8.0	7.6	7.5	7.3	7.6	7.2	6.4	5.8
167°	7.2	7.8	7.9	8.0	7.8	7.7	7.4	7.6	7.3	6.6	6.0
167.5°	7.3	7.8	7.9	8.0	7.9	7.8	7.6	7.7	7.5	6.6	6.0
168°	7.5	7.8	7.9	8.0	8.0	7.9	7.7	7.9	7.6	6.8	6.2
168.5°	7.6	7.8	7.9	8.0	8.1	8.1	7.7	8.0	7.7	6.8	6.3
169°	7.7	7.8	7.9	8.0	8.2	8.1	7.8	8.0	7.7	6.9	6.4
169.5°	7.9	7.8	8.0	8.0	8.4	8.2	8.0	8.1	7.9	7.0	6.5
170°	7.9	7.9	7.9	8.0	8.4	8.3	8.0	8.0	7.9	7.2	6.6
170.5°	7.8	8.0	8.0	8.0	8.5	8.4	7.9	8.0	8.0	7.2	6.7
171°	7.8	8.0	8.1	8.0	8.6	8.5	7.9	8.0	8.0	7.3	6.8
171.5°	7.8	8.0	8.1	8.0	8.7	8.6	7.9	8.0	8.0	7.4	6.8
172°	7.8	8.1	8.0	8.0	8.7	8.6	7.9	8.0	8.0	7.5	6.9
172.5°	7.8	8.1	8.0	8.0	8.9	8.8	7.9	8.0	8.0	7.5	7.1
173°	7.8	8.1	8.0	8.0	9.0	8.9	7.9	8.0	8.0	7.7	7.3
173.5°	7.8	8.1	8.0	8.0	8.9	8.9	7.9	8.0	8.0	7.7	7.5
174°	7.8	8.1	8.0	8.0	8.9	8.9	7.9	8.0	8.0	7.8	7.4
174.5°	7.8	8.1	8.0	8.1	8.9	8.9	7.9	8.0	8.0	7.7	7.5
175°	7.8	8.1	8.0	8.0	8.9	8.8	7.9	7.9	8.0	7.7	7.5
175.5°	7.8	8.1	8.0	7.9	8.9	8.8	7.9	7.9	8.0	7.7	7.5
176°	7.8	8.1	8.0	7.8	8.9	8.8	7.8	7.9	8.0	7.7	7.5
176.5°	7.8	8.1	8.0	7.8	8.9	8.8	7.8	7.9	8.0	7.7	7.5
177°	7.8	8.0	8.0	7.7	8.8	8.7	7.7	7.9	8.0	7.7	7.5
177.5°	7.8	8.0	7.8	7.6	8.8	8.5	7.7	7.9	8.0	7.8	7.7
178°	7.8	7.9	7.8	7.5	8.8	8.4	7.7	7.9	8.0	7.7	7.6
178.5°	7.8	7.8	7.6	7.5	8.8	8.3	7.7	7.9	8.0	7.9	7.7



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
180°	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8



TEST NUMBER: P571724

CATALOG NUMBER: RLS6159FS1EWHDM 3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	2686.9	2686.9	2686.9	2686.9	2686.9	2686.9
0.5°	2709.9	2708.3	2701.4	2684.7	2717.1	2694.9
1°	2743.5	2722.7	2724.0	2718.3	2731.0	2699.6
1.5°	2766.0	2748.8	2750.7	2737.6	2741.6	2717.5
2°	2786.1	2765.9	2763.6	2749.2	2749.4	2688.5
2.5°	2799.6	2786.2	2767.2	2773.4	2759.6	2679.4
3°	2829.2	2794.8	2788.2	2780.2	2759.0	2679.8
3.5°	2831.8	2805.0	2805.1	2787.3	2751.0	2673.3
4°	2842.0	2822.6	2820.8	2801.7	2757.9	2658.8
4.5°	2836.2	2848.7	2821.3	2802.1	2759.0	2666.4
5°	2839.6	2837.9	2838.2	2795.9	2745.1	2631.9
5.5°	2844.1	2847.3	2863.2	2809.9	2737.8	2623.9
6°	2853.1	2861.6	2863.8	2811.4	2729.8	2617.1
6.5°	2855.7	2871.9	2863.3	2814.4	2726.2	2595.5
7°	2853.4	2863.0	2882.8	2813.3	2717.7	2579.5
7.5°	2841.8	2868.3	2854.6	2804.0	2695.7	2546.0
8°	2832.0	2863.2	2846.7	2771.6	2668.5	2530.1
8.5°	2813.6	2870.0	2837.4	2763.2	2655.9	2500.4
9°	2816.0	2859.5	2846.1	2766.6	2632.9	2490.5
9.5°	2812.4	2870.2	2838.4	2755.0	2627.0	2457.8
10°	2789.2	2866.1	2846.0	2721.8	2613.5	2446.9
10.5°	2778.6	2853.7	2814.4	2721.6	2584.7	2412.8
11°	2763.7	2833.1	2819.4	2693.3	2565.6	2374.8
11.5°	2744.2	2830.2	2809.0	2666.5	2526.8	2334.1
12°	2727.0	2813.0	2783.0	2645.7	2501.4	2312.5
12.5°	2706.0	2792.2	2754.3	2632.1	2478.1	2279.0
13°	2689.5	2794.5	2750.4	2617.2	2443.0	2261.2
13.5°	2662.7	2751.0	2736.9	2595.9	2413.3	2222.6
14°	2642.2	2717.8	2690.7	2553.6	2389.6	2189.9
14.5°	2611.7	2690.7	2667.9	2526.6	2366.1	2145.3
15°	2590.5	2681.7	2650.7	2500.7	2329.4	2098.8
15.5°	2567.7	2648.9	2614.0	2485.5	2295.1	2068.2
16°	2542.4	2616.2	2581.0	2449.5	2263.9	2033.7
16.5°	2513.6	2582.6	2564.7	2417.1	2224.8	1988.2
17°	2483.5	2551.0	2538.0	2388.5	2186.4	1948.7
17.5°	2460.2	2507.6	2506.1	2360.1	2160.0	1901.9
18°	2419.0	2505.6	2479.9	2322.0	2123.8	1853.9
18.5°	2393.3	2465.9	2440.3	2289.3	2075.8	1801.2
19°	2357.5	2426.3	2410.1	2258.2	2036.6	1764.7
19.5°	2325.7	2409.4	2375.1	2232.4	1997.9	1712.2
20°	2293.0	2382.6	2343.5	2191.8	1958.9	1656.6
20.5°	2254.4	2338.7	2305.1	2145.2	1904.1	1603.6
21°	2212.0	2294.7	2273.5	2104.4	1860.7	1549.8



TEST NUMBER: P571724

CATALOG NUMBER: RLS6159FS1EWHDM 3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	2093.1	2184.6	2148.7	1985.2	1717.6	1374.8
23°	2054.1	2138.3	2098.4	1935.2	1666.0	1317.1
23.5°	2009.3	2109.4	2065.4	1891.5	1603.9	1254.2
24°	1961.6	2056.9	2028.8	1841.4	1556.4	1198.7
24.5°	1915.2	2000.2	1971.7	1787.1	1503.8	1144.5
25°	1868.5	1963.0	1930.7	1734.0	1454.4	1091.7
25.5°	1818.7	1914.3	1880.7	1683.8	1384.9	1035.9
26°	1767.3	1863.0	1829.9	1633.8	1325.1	979.5
26.5°	1708.9	1810.0	1774.6	1577.8	1266.4	927.8
27°	1649.3	1750.8	1721.5	1515.5	1207.7	877.9
27.5°	1597.3	1701.6	1659.7	1456.3	1149.1	827.7
28°	1538.5	1640.1	1605.7	1394.3	1090.8	778.2
28.5°	1476.8	1584.6	1546.3	1333.1	1036.8	728.2
29°	1415.5	1528.3	1484.4	1270.8	982.1	681.2
29.5°	1355.8	1466.6	1423.6	1211.8	924.9	637.2
30°	1291.9	1396.4	1360.0	1150.7	879.2	595.8
30.5°	1227.7	1331.9	1301.4	1098.6	829.3	554.3
31°	1166.0	1274.3	1240.3	1043.7	777.5	513.5
31.5°	1109.0	1215.7	1177.3	989.2	731.3	475.4
32°	1056.9	1151.5	1119.1	934.2	687.4	437.5
32.5°	1001.6	1090.4	1063.5	881.7	641.6	405.2
33°	947.1	1038.1	1008.6	830.2	600.2	372.7
33.5°	891.7	978.6	953.3	780.7	558.3	343.2
34°	841.1	922.0	900.7	731.7	518.4	314.5
34.5°	788.7	874.1	849.1	685.8	478.8	287.0
35°	739.2	816.0	797.0	641.0	442.0	263.1
35.5°	692.2	766.0	746.1	597.5	408.3	242.0
36°	644.9	720.9	696.4	556.1	371.8	223.3
36.5°	600.8	673.3	648.8	516.0	342.6	206.1
37°	558.8	626.7	604.5	478.7	313.8	191.0
37.5°	518.3	583.1	562.0	441.1	287.9	176.9
38°	479.7	542.6	521.2	404.7	264.0	164.1
38.5°	442.1	500.7	481.5	371.2	242.7	153.9
39°	408.0	463.9	445.6	340.6	223.4	144.2
39.5°	374.5	427.0	410.8	311.9	205.6	135.2
40°	342.6	395.6	378.8	286.0	190.0	128.0
40.5°	313.0	363.5	348.3	262.1	176.4	121.6
41°	286.7	333.0	320.1	241.0	164.4	115.2
41.5°	264.0	304.5	292.5	221.8	153.9	109.8
42°	242.9	280.5	268.0	204.6	143.6	105.2
42.5°	224.0	257.7	246.1	189.6	135.6	101.0
43°	207.7	237.2	226.6	176.2	128.4	96.2
43.5°	192.2	218.3	209.8	163.2	121.1	91.8



TEST NUMBER: P571724

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CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	156.2	176.2	167.8	134.0	103.0	80.8
45.5°	146.8	164.8	157.0	126.4	98.2	77.6
46°	137.9	154.5	147.1	119.7	93.4	74.5
46.5°	129.7	145.6	137.9	113.2	89.1	71.5
47°	122.9	137.1	129.8	107.1	85.7	68.9
47.5°	116.5	129.0	122.9	101.9	82.4	66.3
48°	110.2	122.3	116.3	97.1	79.2	64.2
48.5°	104.9	116.2	110.0	93.1	76.1	62.2
49°	99.6	110.7	103.8	89.3	73.4	60.2
49.5°	94.9	105.4	98.4	85.3	70.9	58.1
50°	90.8	100.1	93.8	81.5	68.5	56.0
50.5°	87.2	95.6	89.9	78.2	65.9	54.4
51°	83.2	91.2	86.2	75.0	63.5	52.4
51.5°	79.8	87.3	82.7	71.9	61.4	50.7
52°	77.0	83.7	79.0	69.4	59.3	49.2
52.5°	74.4	80.0	75.8	66.7	57.3	47.7
53°	71.7	76.9	72.6	64.2	55.4	46.3
53.5°	69.4	73.8	69.6	61.5	53.6	45.0
54°	67.1	70.1	66.6	59.1	51.8	43.7
54.5°	64.9	66.9	63.9	56.9	49.8	42.1
55°	63.0	64.0	61.2	54.5	47.7	40.2
55.5°	61.0	61.2	58.7	51.9	46.0	38.3
56°	59.0	58.5	56.4	49.2	43.2	35.2
56.5°	56.8	55.8	54.3	46.9	40.3	32.4
57°	54.0	53.3	51.9	44.5	37.7	30.1
57.5°	50.9	50.4	48.7	41.9	35.2	28.5
58°	47.6	47.4	45.5	39.0	33.3	27.3
58.5°	44.3	43.8	42.1	36.6	31.8	26.2
59°	41.1	40.5	39.1	34.8	30.1	25.2
59.5°	38.7	38.1	37.0	33.1	28.7	24.1
60°	36.8	36.4	35.2	31.6	27.5	23.2
60.5°	34.9	34.9	33.8	30.2	26.3	22.3
61°	33.2	33.2	32.1	28.7	25.0	21.4
61.5°	31.7	31.5	30.3	27.0	23.9	20.5
62°	30.0	29.7	28.5	25.6	22.8	19.7
62.5°	28.1	27.8	26.6	24.2	21.8	18.8
63°	26.6	26.0	25.1	22.9	20.8	18.0
63.5°	25.0	24.6	23.7	21.9	19.8	17.3
64°	23.6	23.2	22.4	20.8	18.8	16.5
64.5°	22.3	22.0	21.3	19.7	17.9	15.7
65°	21.2	21.0	20.2	18.7	17.1	15.0
65.5°	20.1	19.8	19.1	17.8	16.3	14.0
66°	18.9	18.8	18.2	16.9	15.6	13.3



TEST NUMBER: P571724

CATALOG NUMBER: RLS6159FS1EWHDM 3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	16.0	16.0	15.4	14.5	13.2	11.2
68°	15.0	15.1	14.5	13.7	12.5	10.6
68.5°	14.2	14.3	13.7	13.1	11.7	10.0
69°	13.5	13.5	13.0	12.4	11.0	9.6
69.5°	12.9	12.8	12.3	11.6	10.4	9.1
70°	12.0	12.1	11.6	10.9	9.7	8.7
70.5°	11.2	11.3	10.8	10.1	9.3	8.4
71°	10.3	10.6	10.2	9.7	8.8	7.9
71.5°	9.7	10.0	9.6	9.2	8.4	7.5
72°	9.0	9.5	9.2	8.7	8.0	7.3
72.5°	8.8	9.0	8.6	8.2	7.6	6.8
73°	8.0	8.4	8.1	7.7	7.2	6.4
73.5°	7.6	7.9	7.6	7.3	6.8	6.1
74°	6.9	7.3	7.2	6.9	6.4	5.7
74.5°	6.5	6.9	6.7	6.5	6.0	5.3
75°	6.0	6.5	6.2	6.0	5.6	5.1
75.5°	5.6	6.0	5.8	5.7	5.3	4.7
76°	5.0	5.5	5.3	5.2	4.9	4.4
76.5°	4.9	5.2	5.1	4.9	4.6	4.2
77°	4.4	4.7	4.6	4.5	4.2	3.9
77.5°	3.8	4.2	4.2	4.1	3.9	3.7
78°	3.7	3.8	3.9	3.7	3.6	3.4
78.5°	3.0	3.5	3.5	3.4	3.2	3.2
79°	2.7	3.1	3.1	3.1	3.0	3.2
79.5°	2.6	2.8	2.8	2.8	2.8	3.1
80°	2.0	2.6	2.5	2.6	2.7	3.0
80.5°	1.8	2.4	2.4	2.4	2.6	2.9
81°	1.6	2.2	2.3	2.3	2.5	2.7
81.5°	1.6	2.2	2.2	2.2	2.4	2.6
82°	1.6	2.0	2.1	2.1	2.3	2.5
82.5°	1.6	2.0	1.9	2.1	2.2	2.4
83°	1.5	1.9	1.8	1.9	2.1	2.2
83.5°	1.2	1.7	1.7	1.8	1.9	2.1
84°	1.0	1.5	1.5	1.7	1.8	2.0
84.5°	0.8	1.3	1.4	1.5	1.7	1.9
85°	0.7	1.3	1.3	1.3	1.5	1.7
85.5°	0.7	1.0	1.1	1.2	1.4	1.5
86°	0.5	0.8	1.0	1.1	1.2	1.4
86.5°	0.3	0.6	0.7	0.9	1.0	1.2
87°	0.1	0.5	0.5	0.6	0.8	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	0.6



TEST NUMBER: P571724

CATALOG NUMBER: RLS6159FS1EWHDM 3500K

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: P571724

CATALOG NUMBER: RLS6159FS1EWHDM 3500K

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: P571724

CATALOG NUMBER: RLS6159FS1EWHDM 3500K

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	0.6
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	0.6	0.7
140.5°	0.3	0.2	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	0.6	0.7	0.7
142°	0.3	0.6	0.6	0.6	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	0.6	0.8	0.8	0.7	1.1
144°	0.4	0.6	0.8	0.8	0.7	1.4
144.5°	0.5	0.7	0.7	0.8	0.8	1.6
145°	0.4	0.7	0.7	0.8	1.0	1.6
145.5°	0.5	0.7	0.7	0.9	1.0	1.6
146°	0.6	0.8	0.8	0.9	1.4	1.6
146.5°	0.5	0.8	0.9	0.9	1.5	1.7
147°	0.7	0.9	1.0	1.0	1.5	1.8
147.5°	0.7	1.0	1.0	1.3	1.7	2.1
148°	0.7	1.4	1.2	1.5	1.6	2.3
148.5°	0.8	1.6	1.5	1.7	1.7	2.6
149°	0.9	1.6	1.6	1.7	1.9	2.7
149.5°	0.9	1.7	1.6	1.6	1.9	2.7
150°	0.9	1.7	1.5	1.7	2.1	2.7
150.5°	1.0	1.7	1.7	1.8	2.6	2.8
151°	1.2	1.8	1.7	2.0	2.6	3.0
151.5°	1.2	1.9	1.9	2.2	2.6	3.1
152°	1.2	2.0	2.0	2.4	2.6	3.4
152.5°	1.4	2.4	2.2	2.6	2.8	3.6
153°	1.4	2.6	2.5	2.6	2.9	3.6
153.5°	1.5	2.6	2.5	2.6	3.1	3.7
154°	1.6	2.6	2.5	2.7	3.4	3.9
154.5°	1.7	2.7	2.6	2.9	3.6	4.1
155°	1.8	2.8	2.7	3.1	3.7	4.8
155.5°	2.0	2.9	2.9	3.3	3.7	4.8
156°	2.1	3.1	3.1	3.6	3.9	4.8



TEST NUMBER: P571724

CATALOG NUMBER: RLS6159FS1EWHDM 3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
157.5°	2.5	3.6	3.6	3.8	4.9	5.0
158°	2.6	3.6	3.6	4.0	4.9	5.1
158.5°	2.8	3.8	3.8	4.5	4.9	5.3
159°	2.9	3.9	4.0	4.9	4.9	5.7
159.5°	3.1	4.1	4.3	4.9	5.0	5.7
160°	3.2	4.8	4.8	4.8	5.1	5.7
160.5°	3.4	4.8	4.8	4.8	5.3	5.8
161°	3.5	4.9	4.8	4.9	5.7	5.9
161.5°	3.7	4.9	4.8	5.0	5.7	6.1
162°	3.9	4.9	4.8	5.2	5.7	6.2
162.5°	4.1	5.0	5.0	5.7	5.8	6.5
163°	4.3	5.0	5.1	5.7	5.9	6.6
163.5°	4.3	5.3	5.4	5.7	6.1	6.6
164°	4.6	5.4	5.6	5.8	6.3	6.7
164.5°	4.7	5.7	5.5	5.9	6.7	6.8
165°	4.9	5.7	5.7	6.1	6.8	6.9
165.5°	5.0	5.7	5.9	6.2	6.8	7.0
166°	5.3	5.8	6.0	6.6	6.8	7.0
166.5°	5.4	6.0	6.2	6.6	6.8	7.2
167°	5.4	6.1	6.7	6.6	6.8	7.2
167.5°	5.6	6.4	6.7	6.8	7.0	7.3
168°	5.8	6.6	6.7	6.8	7.0	7.5
168.5°	5.9	6.6	6.7	6.8	7.1	7.6
169°	6.0	6.6	6.8	6.9	7.2	7.7
169.5°	6.0	6.6	6.9	7.0	7.2	7.9
170°	6.2	6.8	7.1	7.1	7.3	7.9
170.5°	6.4	6.9	7.3	7.4	7.7	7.8
171°	6.4	7.1	7.6	7.7	7.7	7.8
171.5°	6.6	7.5	7.7	7.7	7.9	7.8
172°	6.6	7.8	7.7	7.7	7.9	7.8
172.5°	6.8	7.8	7.7	7.7	7.8	7.8
173°	7.0	7.7	7.7	7.7	7.8	7.8
173.5°	7.1	7.7	7.7	7.7	7.8	7.8
174°	7.1	7.7	7.7	7.7	7.9	7.8
174.5°	7.3	7.7	7.7	7.8	7.9	7.8
175°	7.3	7.7	7.7	7.8	7.9	7.8
175.5°	7.4	7.7	7.7	7.8	7.9	7.8
176°	7.4	7.7	7.7	7.8	7.9	7.8
176.5°	7.4	7.7	7.7	7.8	7.9	7.8
177°	7.5	7.7	7.7	7.8	7.9	7.8
177.5°	7.5	7.8	7.7	7.8	7.9	7.8
178°	7.5	7.8	7.7	7.8	7.9	7.8
178.5°	7.5	7.8	7.7	7.8	7.9	7.8



TEST NUMBER: P571724

CATALOG NUMBER: RLS6159FS1EWHDM 3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
180°	7.8	7.8	7.8	7.8	7.8	7.8



Report Generated By 670245859 / DESKTOP-HRDQ47P





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







21.5°	1493.4	1171.2	932.7	781.6	725.9	734.8	826.1	1008.3	1275.8	1587.1	1895.3
22°	1434.7	1112.7	876.5	735.1	681.6	686.9	777.6	955.4	1214.6	1540.4	1851.8



44°	88.1	70.2	60.8	57.3	53.7	54.5	55.6	62.9	74.1	94.4	128.0
44.5°	84.7	67.8	59.1	55.9	52.4	53.4	53.8	61.6	71.9	90.3	121.0



66.5°	12.5	10.8	9.7	9.3	8.1	8.6	9.1	10.2	11.9	14.2	16.3
67°	11.8	10.3	9.4	8.9	7.8	8.0	8.8	9.7	11.2	13.3	15.4



89°	0.5	0.7	0.8	1.0	0.6	0.5	0.4	0.1	0.1	0.0	0.0
89.5°	0.3	0.4	0.6	0.8	0.4	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	0.8	0.7	0.4	0.4	0.4	0.3	0.3	0.2	0.1
134.5°	0.1	0.6	0.8	0.7	0.4	0.5	0.4	0.4	0.3	0.2	0.1



156.5°	4.8	5.7	5.7	6.0	5.0	4.7	4.2	4.5	4.1	3.3	2.7
157°	4.8	5.6	5.8	6.2	5.2	5.0	4.3	4.6	4.3	3.5	2.9



179°	7.8	7.7	7.6	7.4	8.8	8.3	7.7	7.9	7.9	7.9	7.7
179.5°	7.8	7.7	7.7	7.3	8.8	8.2	7.7	7.9	7.9	7.8	7.8





21.5°	2174.1	2265.4	2224.1	2063.1	1816.3	1493.4
22°	2125.5	2216.6	2191.8	2028.8	1764.0	1434.7



44°	179.2	201.8	194.1	152.4	114.5	88.1
44.5°	166.5	188.9	180.6	142.8	108.2	84.7



66.5°	17.9	17.7	17.2	16.1	14.8	12.5
67°	17.0	16.8	16.2	15.2	14.0	11.8



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°	2.2	3.4	3.3	3.6	3.9	4.8
157°	2.3	3.6	3.6	3.6	4.6	4.8



179°	7.6	7.8	7.7	7.8	7.9	7.8
179.5°	7.6	8.1	7.7	7.8	7.9	7.8



(END OF REPORT)