

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: P571722

Luminaire Tested: **RLS6159FS1EWHDM 2700K**

Issue Date: 9/21/2021

**Test Information**

Test Method: LM-41-14  
Report Number: P571722  
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 2700K  
Description: 6 INCH SLOPE DM AT 9 Degrees TILT  
Light Source: (1) HIGH LUMEN LED 90CRI / 2700K CCT  
Ballast/Driver: -

**Summary**

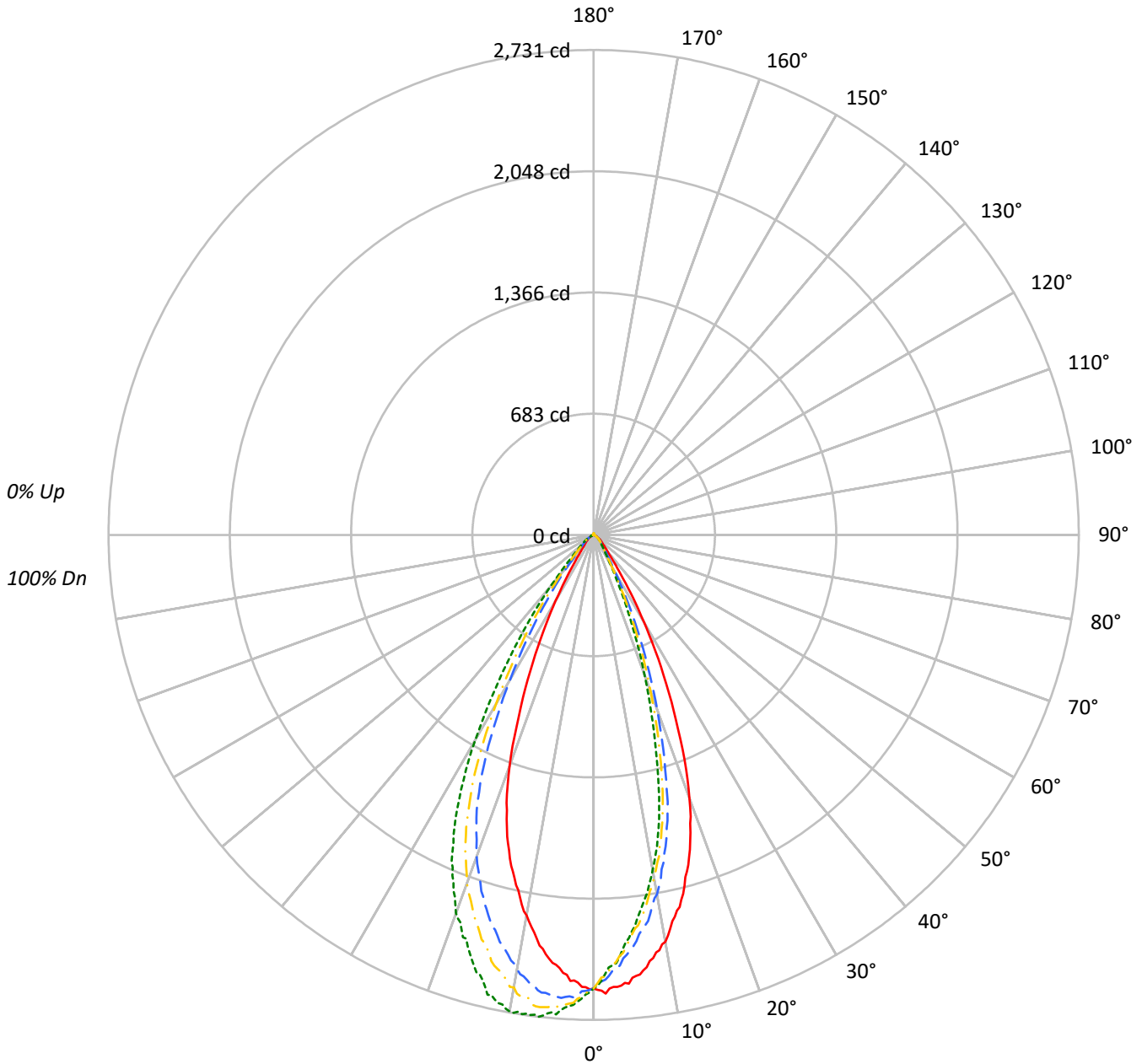
Lumens per Lamp: N/A  
Luminaire Lumens: 1588.0 lumens  
Efficiency: N/A  
Efficacy: 83.6 lumens/watt  
Spacing Criteria (0/90/45): 0.71 / 0.73 / 0.72  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

Input Watts (W): 19  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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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### 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°	140066	140066	140066	140066
5°	137723	125412	133738	148503
10°	129518	106650	121134	151712
15°	113264	79626	104422	144723
20°	91895	48987	80764	132171
25°	62792	24860	51021	112906
30°	35866	11325	27112	84057
35°	16744	6545	11993	51926
40°	8716	4745	6877	26922
45°	5954	3768	5156	12986
50°	4546	3036	4170	8119
55°	3651	2160	3469	5811
60°	2423	1612	2401	3794
65°	1842	1180	1777	2581
70°	1330	898	1234	1843
75°	1038	720	996	1292
80°	884	789	789	758
85°	1006	943	566	755



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	230.7	14.5
10°-20°	533.8	33.6
20°-30°	473.9	29.8
30°-40°	215.2	13.6
40°-50°	72.6	4.6
50°-60°	35.1	2.2
60°-70°	14.6	0.9
70°-80°	5.3	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°	0.8	0.1
150°-160°	1.6	0.1
160°-170°	1.7	0.1
170°-180°	0.7	0.0
0°-30°	1238.4	78.0
0°-40°	1453.7	91.5
0°-60°	1561.4	98.3
0°-90°	1582.7	99.7
90°-120°	0.0	0.0
90°-150°	1.2	0.1
90°-180°	5.0	0.3
0°-180°	1588.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2555	2555	2555	2555	2555	
5°	2503	2279	2430	2699	2503	233
15°	1996	1403	1840	2550	1996	551
25°	1038	411	844	1867	1038	471
35°	250	98	179	776	250	172
45°	77	49	66	168	77	61
55°	38	23	36	61	38	33
65°	14	9	14	20	14	14
75°	5	3	5	6	5	5
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°	4	4	3	3	4	2
165°	7	7	7	5	7	2
175°	7	8	8	7	7	1
180°	7	7	7	7	7	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	2555.0	2555.0	2555.0	2555.0	2555.0	2555.0	2555.0	2555.0	2555.0	2555.0	2555.0
0.5°	2562.6	2542.4	2522.7	2543.8	2540.0	2535.3	2523.8	2537.2	2559.8	2562.8	2561.7
1°	2567.1	2529.5	2515.3	2523.4	2511.0	2499.3	2493.2	2534.2	2546.7	2561.5	2568.7
1.5°	2584.1	2522.4	2505.3	2497.8	2473.5	2476.1	2488.3	2514.1	2547.0	2572.2	2570.0
2°	2556.5	2507.7	2484.2	2478.5	2437.4	2446.8	2455.2	2504.8	2523.0	2562.8	2597.9
2.5°	2547.8	2505.2	2454.5	2454.9	2426.5	2427.8	2426.8	2491.5	2511.6	2552.9	2607.1
3°	2548.2	2490.2	2447.5	2428.2	2414.8	2396.4	2408.8	2470.8	2514.8	2547.3	2602.9
3.5°	2542.0	2467.9	2428.4	2395.8	2382.3	2361.2	2376.3	2439.7	2481.5	2544.4	2606.5
4°	2528.2	2442.4	2390.6	2363.7	2338.6	2339.3	2359.0	2421.2	2472.9	2538.5	2613.8
4.5°	2535.4	2442.1	2371.3	2350.4	2301.4	2296.2	2328.2	2412.7	2446.4	2514.3	2610.2
5°	2502.7	2421.9	2348.7	2325.6	2279.0	2270.4	2289.0	2374.1	2430.3	2521.5	2612.1
5.5°	2495.1	2410.8	2327.7	2286.3	2242.7	2236.7	2258.7	2354.5	2420.7	2491.7	2599.5
6°	2488.6	2371.1	2299.1	2256.1	2216.4	2209.4	2228.6	2323.3	2398.3	2469.0	2593.0
6.5°	2468.1	2343.2	2262.6	2231.5	2174.0	2181.8	2213.6	2293.6	2377.2	2472.5	2593.4
7°	2452.9	2355.7	2239.5	2199.5	2137.6	2152.7	2181.1	2267.2	2349.2	2436.4	2583.2
7.5°	2421.0	2310.7	2218.5	2168.5	2103.7	2113.5	2146.3	2233.6	2333.5	2428.7	2560.0
8°	2405.9	2293.8	2196.8	2130.2	2068.7	2079.0	2111.8	2202.2	2297.6	2411.5	2555.2
8.5°	2377.6	2255.4	2157.7	2085.9	2037.7	2028.2	2069.1	2169.5	2263.2	2379.6	2535.4
9°	2368.2	2224.1	2110.5	2050.9	1993.1	1988.0	2029.5	2140.1	2235.3	2356.6	2517.1
9.5°	2337.1	2196.8	2073.5	2007.4	1957.2	1954.0	2004.4	2112.0	2207.8	2334.6	2508.3
10°	2326.7	2171.9	2055.6	1973.6	1915.9	1923.2	1956.0	2061.3	2176.1	2313.9	2484.0
10.5°	2294.3	2147.0	2014.9	1933.9	1874.5	1875.5	1918.7	2029.7	2156.8	2290.0	2455.5
11°	2258.2	2100.1	1977.5	1876.6	1831.9	1826.2	1879.7	1993.4	2120.2	2266.3	2441.2
11.5°	2219.5	2070.3	1921.2	1836.2	1790.6	1785.8	1845.5	1962.1	2079.8	2244.7	2414.8
12°	2198.9	2035.4	1887.1	1791.9	1737.6	1742.2	1790.1	1926.6	2045.2	2207.0	2389.1
12.5°	2167.1	2001.2	1837.8	1744.7	1687.0	1699.6	1751.3	1880.7	2020.1	2189.1	2371.7
13°	2150.2	1983.6	1800.0	1691.6	1636.6	1635.4	1701.3	1834.2	1982.5	2157.2	2350.9
13.5°	2113.4	1925.7	1756.1	1642.8	1578.8	1578.5	1659.6	1790.3	1949.4	2125.0	2320.6
14°	2082.4	1879.4	1699.8	1587.8	1520.8	1524.6	1603.2	1749.7	1921.1	2097.6	2291.8
14.5°	2040.0	1829.2	1662.7	1519.9	1459.6	1471.9	1553.2	1705.7	1882.7	2068.2	2277.6
15°	1995.7	1789.2	1609.0	1465.5	1403.0	1413.6	1497.8	1671.4	1839.9	2026.0	2249.7
15.5°	1966.7	1753.4	1559.8	1404.7	1341.1	1350.1	1444.8	1618.5	1803.3	1995.0	2221.7
16°	1933.9	1697.2	1491.8	1349.5	1279.5	1288.9	1389.2	1568.1	1768.3	1963.9	2190.3
16.5°	1890.6	1637.9	1437.2	1279.5	1217.7	1230.5	1329.9	1515.6	1718.0	1932.8	2164.4
17°	1853.0	1602.1	1377.6	1226.6	1160.1	1171.0	1267.0	1458.3	1673.5	1893.0	2129.7
17.5°	1808.5	1559.9	1325.2	1164.5	1102.2	1113.6	1213.3	1400.2	1625.9	1860.3	2102.6
18°	1762.9	1509.4	1266.2	1110.9	1046.1	1063.3	1157.1	1350.4	1587.4	1825.7	2062.5
18.5°	1712.7	1445.9	1211.5	1055.1	993.3	1004.8	1099.3	1296.2	1538.5	1781.8	2029.0
19°	1678.0	1396.4	1152.2	1002.2	942.8	951.1	1046.1	1234.5	1484.8	1736.4	1996.7
19.5°	1628.2	1335.1	1093.3	951.8	891.9	897.2	985.0	1173.2	1434.5	1694.7	1964.9
20°	1575.2	1274.0	1047.6	899.3	839.7	844.4	935.4	1118.5	1384.4	1649.9	1925.7
20.5°	1524.9	1218.4	992.2	847.4	789.3	793.1	884.4	1066.1	1327.2	1602.1	1885.5
21°	1473.7	1170.1	940.4	792.5	738.4	745.6	836.3	1011.0	1271.9	1559.3	1838.6



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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°	1307.3	1009.8	785.3	656.4	602.6	609.5	689.4	861.0	1098.8	1415.5	1723.9
23°	1252.4	957.8	739.9	610.4	560.3	567.9	645.4	809.3	1048.7	1362.5	1683.4
23.5°	1192.6	910.2	694.9	566.9	520.4	527.9	600.7	761.2	995.3	1306.4	1639.5
24°	1139.8	863.1	649.6	524.1	481.7	490.9	557.3	716.2	947.6	1252.6	1586.9
24.5°	1088.3	813.8	611.3	483.8	444.5	452.6	516.7	667.0	894.6	1195.7	1538.5
25°	1038.1	759.7	566.8	450.1	411.0	417.3	480.1	621.6	843.5	1141.5	1489.2
25.5°	985.0	714.0	528.4	415.6	378.8	385.2	443.2	580.5	797.1	1089.3	1435.8
26°	931.4	670.9	489.9	385.4	348.3	353.6	407.8	540.9	750.0	1034.6	1379.3
26.5°	882.3	627.3	455.4	353.8	319.8	324.0	375.4	500.2	702.5	983.5	1328.3
27°	834.8	582.5	418.0	324.0	294.0	296.4	344.8	461.6	661.4	932.4	1271.2
27.5°	787.0	543.8	383.5	295.3	269.1	269.5	315.3	427.9	616.6	883.5	1216.7
28°	740.0	506.0	350.2	270.5	247.3	245.0	286.4	392.4	577.9	834.3	1158.2
28.5°	692.4	466.7	321.1	248.8	227.0	225.1	262.0	360.2	536.6	786.7	1104.5
29°	647.7	432.6	295.1	230.1	209.2	206.9	239.4	333.0	499.5	741.5	1050.2
29.5°	605.9	398.1	270.8	211.6	193.2	192.2	217.9	303.8	464.0	692.9	996.3
30°	566.6	366.0	248.3	195.1	178.9	177.6	200.1	276.7	428.3	652.2	941.1
30.5°	527.1	335.6	227.7	180.3	166.9	164.9	184.0	251.1	394.7	607.8	894.5
31°	488.2	308.1	209.3	168.1	155.7	152.9	169.5	229.8	362.5	567.5	843.2
31.5°	452.0	282.6	193.0	156.2	145.2	142.4	156.6	210.0	332.6	528.5	794.9
32°	416.1	259.3	178.5	146.6	136.3	133.2	145.9	192.3	304.4	491.8	749.5
32.5°	385.3	238.6	166.4	138.2	127.3	124.9	136.9	176.2	278.3	456.6	704.2
33°	354.4	219.2	155.1	130.1	120.2	116.9	128.3	162.1	254.1	422.5	657.7
33.5°	326.3	201.1	145.2	124.1	114.0	110.6	120.2	150.0	232.5	388.6	615.5
34°	299.0	185.6	135.8	117.8	108.2	104.6	113.9	140.3	212.5	358.7	574.1
34.5°	272.9	172.3	127.4	111.4	102.7	99.6	107.9	131.1	194.5	329.6	534.2
35°	250.2	160.0	119.9	105.5	97.8	94.2	102.3	122.8	179.2	301.7	494.3
35.5°	230.1	149.7	113.6	100.1	93.1	90.0	97.7	116.3	165.5	276.4	457.0
36°	212.3	140.1	107.5	96.3	89.0	85.7	93.4	110.3	153.3	252.8	423.1
36.5°	196.0	131.0	101.7	91.7	85.1	82.5	89.4	104.4	142.5	231.0	390.1
37°	181.6	123.2	97.3	87.4	81.9	79.5	85.8	99.7	133.3	211.6	358.9
37.5°	168.2	116.9	92.8	83.5	79.0	76.7	82.3	95.3	124.7	194.5	330.2
38°	156.1	110.9	88.8	79.6	76.0	74.2	79.2	90.4	117.8	179.2	301.9
38.5°	146.3	105.7	85.4	76.6	73.0	71.9	76.1	86.3	112.0	166.3	277.2
39°	137.1	101.1	82.4	74.4	70.6	69.9	73.6	83.3	106.5	154.8	253.5
39.5°	128.6	96.8	79.2	72.3	68.4	67.6	71.2	80.0	100.9	144.7	232.2
40°	121.8	92.6	76.2	70.0	66.3	65.7	68.9	76.7	96.1	135.6	212.5
40.5°	115.6	88.8	73.9	67.7	64.4	63.5	66.2	73.6	91.4	127.8	195.3
41°	109.6	85.2	71.5	65.6	62.4	61.5	63.8	71.4	87.3	120.5	179.8
41.5°	104.4	81.6	69.1	63.5	60.5	59.6	61.7	68.9	83.9	114.5	167.1
42°	100.0	77.9	66.6	61.5	58.6	58.0	59.7	66.7	80.8	108.7	155.3
42.5°	96.0	74.9	64.4	59.7	56.5	56.1	58.1	64.7	78.0	103.3	146.3
43°	91.5	71.9	61.9	57.9	54.5	54.5	56.4	63.2	75.3	98.1	137.7
43.5°	87.3	68.8	59.8	56.2	52.5	53.3	54.6	61.5	72.8	93.6	129.4



TEST NUMBER: P571722

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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	76.8	62.4	54.7	51.3	48.6	49.7	49.9	57.0	66.5	82.4	108.9
45.5°	73.7	60.5	53.2	49.9	47.5	48.4	48.7	55.5	64.6	79.3	103.1
46°	70.8	58.7	52.1	48.4	46.3	47.0	47.2	54.1	62.8	76.3	97.9
46.5°	68.0	56.9	50.6	47.2	45.3	45.6	45.8	52.5	60.8	73.7	93.0
47°	65.5	55.1	49.4	45.9	44.2	44.2	44.7	51.0	58.9	71.0	88.6
47.5°	63.1	53.2	47.9	44.2	43.2	42.9	43.4	49.5	57.0	68.7	84.8
48°	61.1	51.6	46.5	42.8	41.9	41.6	42.2	48.3	55.0	66.5	81.7
48.5°	59.1	50.0	45.2	41.3	40.2	40.3	41.1	46.6	53.4	64.6	78.7
49°	57.2	48.3	43.9	40.0	38.5	39.1	39.8	45.1	51.7	62.4	75.6
49.5°	55.3	46.6	42.8	38.5	37.1	37.9	38.7	43.9	50.4	60.5	73.4
50°	53.3	44.9	41.7	37.3	35.6	36.9	37.8	42.4	48.9	58.4	70.8
50.5°	51.7	43.4	40.5	36.1	34.4	35.9	36.5	40.7	47.6	56.4	68.7
51°	49.8	42.0	39.3	35.0	33.1	34.9	35.3	39.5	46.4	54.5	66.8
51.5°	48.3	40.6	38.2	33.8	31.9	33.7	34.1	38.3	45.0	52.9	64.8
52°	46.8	39.4	36.9	32.7	30.7	32.7	32.9	37.1	43.8	51.2	62.1
52.5°	45.3	38.1	35.3	31.4	29.6	31.6	31.8	36.0	42.6	49.4	59.8
53°	44.0	36.8	33.6	30.0	28.2	30.4	30.7	34.9	41.5	47.9	57.6
53.5°	42.7	35.3	31.5	28.3	27.0	29.2	29.6	33.7	40.3	46.5	55.6
54°	41.6	33.7	29.2	26.7	25.6	27.6	28.5	32.9	38.9	45.2	53.7
54.5°	40.1	32.1	27.4	25.0	24.0	25.5	27.4	32.0	37.7	43.6	52.2
55°	38.2	30.3	25.7	23.6	22.6	23.7	26.1	30.9	36.3	42.3	50.7
55.5°	36.4	27.9	24.2	22.6	21.3	22.4	24.7	29.2	34.9	40.7	49.1
56°	33.5	26.2	23.3	21.8	20.2	21.3	23.3	27.4	33.2	39.0	47.8
56.5°	30.8	25.0	22.5	21.2	19.5	20.5	22.0	25.9	31.6	37.1	46.1
57°	28.7	23.9	21.7	20.3	18.8	19.9	21.0	24.1	29.7	35.4	44.8
57.5°	27.1	23.0	21.1	19.4	17.9	19.0	20.3	22.9	27.9	33.4	42.7
58°	26.0	22.1	20.3	18.6	17.1	18.1	19.7	22.0	26.4	31.0	39.8
58.5°	24.9	21.3	19.5	17.8	16.4	17.3	18.8	21.3	25.0	29.1	37.1
59°	23.9	20.8	18.8	17.1	15.9	16.4	18.0	20.5	23.8	27.8	34.2
59.5°	22.9	20.1	18.1	16.3	15.2	15.9	17.2	19.9	22.9	26.2	32.2
60°	22.1	19.3	17.2	15.7	14.7	15.1	16.6	19.2	21.9	25.0	30.4
60.5°	21.3	18.7	16.4	15.1	14.0	14.4	16.0	18.4	21.0	24.1	28.9
61°	20.4	17.9	15.7	14.4	13.4	13.9	15.2	17.5	20.4	23.1	27.4
61.5°	19.5	17.1	15.0	13.7	12.8	13.2	14.5	16.6	19.7	22.2	26.2
62°	18.7	16.3	14.2	13.1	12.1	12.6	14.0	16.0	19.0	21.1	24.9
62.5°	17.9	15.6	13.6	12.5	11.5	12.0	13.2	15.1	18.1	20.3	23.7
63°	17.1	14.8	12.9	11.9	11.0	11.3	12.5	14.3	17.2	19.3	22.3
63.5°	16.5	14.1	12.2	11.3	10.3	10.7	11.9	13.6	16.3	18.4	21.2
64°	15.7	13.4	11.6	10.8	10.0	10.1	11.2	12.9	15.4	17.5	20.1
64.5°	15.0	12.6	11.1	10.3	9.4	9.7	10.6	12.2	14.6	16.8	19.1
65°	14.2	11.9	10.6	9.9	9.1	9.1	10.0	11.5	13.7	16.2	18.1
65.5°	13.4	11.3	10.1	9.5	8.5	8.7	9.5	10.8	12.9	15.2	17.2
66°	12.6	10.8	9.7	9.1	8.2	8.3	9.2	10.3	12.2	14.4	16.3





TEST NUMBER: P571722

CATALOG NUMBER: RLS6159FS1EWHDM 2700K

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	10.6	9.3	8.5	8.1	7.2	7.3	8.1	8.8	10.2	12.0	13.9
68°	10.1	8.9	8.1	7.8	6.8	7.1	7.6	8.4	9.5	11.3	13.1
68.5°	9.6	8.5	7.8	7.5	6.5	6.7	7.2	8.1	9.1	10.5	12.3
69°	9.1	8.1	7.5	7.2	6.2	6.4	7.0	7.5	8.6	10.1	11.6
69.5°	8.7	7.8	7.2	6.9	5.9	6.3	6.6	7.2	8.2	9.4	10.9
70°	8.3	7.5	7.0	6.6	5.6	5.8	6.3	6.9	7.7	8.8	10.2
70.5°	8.0	7.2	6.5	6.3	5.3	5.5	6.1	6.5	7.4	8.4	9.5
71°	7.5	6.9	6.3	6.0	5.1	5.4	5.7	6.2	7.1	8.0	8.8
71.5°	7.2	6.5	6.0	5.8	4.7	5.1	5.3	5.9	6.6	7.5	8.5
72°	6.9	6.2	5.7	5.5	4.7	4.7	5.3	5.5	6.3	7.2	8.0
72.5°	6.5	5.8	5.4	5.2	4.7	4.7	4.8	5.3	6.0	6.7	7.4
73°	6.1	5.6	5.1	5.1	4.6	4.7	4.6	4.9	5.6	6.3	7.0
73.5°	5.8	5.3	4.9	4.8	4.0	4.7	4.6	4.7	5.3	5.9	6.5
74°	5.4	5.0	4.6	4.6	3.6	4.3	4.6	4.7	4.9	5.5	6.2
74.5°	5.1	4.7	4.3	4.4	3.5	3.7	3.8	4.6	4.7	5.2	5.6
75°	4.9	4.4	4.2	4.2	3.4	3.5	3.6	3.8	4.7	4.7	5.3
75.5°	4.5	4.2	4.0	4.1	3.5	3.4	3.5	3.6	4.4	4.5	4.8
76°	4.2	3.9	3.8	4.2	3.5	3.4	3.5	3.4	3.7	4.5	4.8
76.5°	4.0	3.7	3.8	4.1	3.4	3.4	3.4	3.4	3.5	3.7	4.7
77°	3.7	3.6	3.6	3.9	3.4	3.4	3.3	3.1	3.4	3.5	3.7
77.5°	3.5	3.4	3.6	3.9	3.3	3.4	3.3	3.1	3.0	3.2	3.5
78°	3.2	3.4	3.5	3.8	2.9	3.3	3.1	2.9	2.8	2.8	3.0
78.5°	3.1	3.4	3.5	3.7	2.8	3.0	2.9	2.8	2.6	2.6	2.8
79°	3.0	3.2	3.4	3.6	2.7	2.8	2.9	2.8	2.6	2.5	2.4
79.5°	2.9	3.2	3.4	3.5	2.7	2.7	2.8	2.6	2.6	2.5	2.3
80°	2.8	3.0	3.2	3.4	2.5	2.7	2.6	2.6	2.5	2.5	2.0
80.5°	2.8	3.0	3.2	3.4	2.5	2.6	2.5	2.6	2.5	2.1	1.8
81°	2.6	2.9	3.0	3.2	2.5	2.5	2.5	2.6	2.5	1.9	1.7
81.5°	2.5	2.8	3.0	3.1	2.4	2.5	2.5	2.6	2.2	1.8	1.7
82°	2.4	2.6	2.8	3.0	2.5	2.5	2.5	2.3	1.9	1.7	1.6
82.5°	2.3	2.4	2.7	2.9	2.4	2.4	2.2	1.9	1.7	1.5	1.5
83°	2.1	2.4	2.6	2.7	2.1	2.1	1.9	1.8	1.6	1.5	1.4
83.5°	2.0	2.3	2.4	2.6	1.9	1.9	1.8	1.7	1.6	1.5	1.4
84°	1.9	2.1	2.3	2.4	1.8	1.8	1.6	1.5	1.5	1.2	1.0
84.5°	1.8	2.0	2.2	2.3	1.6	1.6	1.5	1.5	1.4	1.0	0.9
85°	1.6	1.8	2.0	2.2	1.5	1.5	1.5	1.2	0.9	0.8	0.7
85.5°	1.5	1.7	1.9	2.1	1.5	1.5	1.4	1.0	0.8	0.7	0.6
86°	1.3	1.5	1.7	1.9	1.5	1.3	1.0	0.9	0.7	0.6	0.6
86.5°	1.2	1.3	1.5	1.8	1.2	1.1	0.9	0.8	0.6	0.6	0.4
87°	1.0	1.3	1.4	1.6	1.0	0.9	0.8	0.7	0.6	0.4	0.3
87.5°	0.9	1.2	1.3	1.4	0.8	0.7	0.7	0.6	0.5	0.1	0.0
88°	0.7	1.0	1.2	1.2	0.7	0.6	0.5	0.5	0.2	0.0	0.0
88.5°	0.6	0.8	1.0	1.1	0.6	0.5	0.5	0.4	0.1	0.0	0.0



TEST NUMBER: P571722

CATALOG NUMBER: RLS6159FS1EWHDM 2700K

**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	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.0
90.5°	0.1	0.2	0.3	0.4	0.0	0.1	0.0	0.0	0.0	0.0	0.0
91°	0.1	0.1	0.2	0.2	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: P571722

CATALOG NUMBER: RLS6159FS1EWHDM 2700K

**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	0.2	0.1	0.1	0.1	0.1	0.1
127.5°	0.0	0.0	0.0	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1
128°	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
128.5°	0.0	0.0	0.0	0.2	0.3	0.2	0.2	0.1	0.1	0.1	0.1
129°	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.1	0.2	0.1	0.1
129.5°	0.0	0.0	0.1	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.1
130°	0.0	0.0	0.3	0.4	0.2	0.3	0.2	0.2	0.2	0.2	0.1
130.5°	0.0	0.0	0.4	0.5	0.3	0.3	0.2	0.2	0.2	0.1	0.1
131°	0.0	0.1	0.4	0.6	0.4	0.3	0.2	0.3	0.2	0.1	0.1
131.5°	0.0	0.1	0.4	0.5	0.4	0.3	0.2	0.3	0.2	0.1	0.1
132°	0.0	0.3	0.6	0.7	0.4	0.3	0.3	0.2	0.2	0.1	0.1
132.5°	0.0	0.5	0.6	0.7	0.4	0.3	0.3	0.2	0.2	0.1	0.1
133°	0.1	0.5	0.6	0.6	0.4	0.4	0.3	0.3	0.2	0.2	0.1
133.5°	0.1	0.6	0.8	0.6	0.4	0.4	0.3	0.3	0.3	0.2	0.1



TEST NUMBER: P571722

CATALOG NUMBER: RLS6159FS1EWHDM 2700K

**CANDELA DISTRIBUTION (continued):**

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



TEST NUMBER: P571722

CATALOG NUMBER: RLS6159FS1EWHDM 2700K

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
157.5°	4.7	5.5	5.7	6.0	5.0	4.8	4.3	4.5	4.2	3.5	2.9
158°	4.9	5.6	5.9	6.4	5.2	5.0	4.4	4.7	4.4	3.7	3.0
158.5°	5.0	5.8	6.1	6.5	5.3	5.1	4.5	4.9	4.5	3.8	3.1
159°	5.4	6.0	6.4	6.6	5.5	5.2	4.9	5.0	4.7	4.0	3.3
159.5°	5.4	6.4	6.5	6.5	5.6	5.4	5.0	5.2	4.9	4.2	3.5
160°	5.4	6.4	6.4	6.5	5.7	5.5	5.0	5.3	5.0	4.3	3.6
160.5°	5.5	6.4	6.4	6.6	5.8	5.6	5.2	5.5	5.2	4.5	3.8
161°	5.6	6.4	6.5	6.7	6.0	5.8	5.4	5.7	5.4	4.7	4.0
161.5°	5.8	6.5	6.6	6.8	6.1	5.9	5.5	5.8	5.5	4.9	4.1
162°	5.9	6.6	6.8	6.9	6.2	6.0	5.7	6.0	5.6	4.9	4.3
162.5°	6.1	6.7	6.9	7.0	6.3	6.2	5.8	6.1	5.8	5.0	4.5
163°	6.3	6.7	6.9	7.1	6.5	6.3	6.0	6.2	5.9	5.2	4.6
163.5°	6.3	6.9	7.0	7.4	6.6	6.4	6.1	6.4	6.1	5.3	4.7
164°	6.3	7.1	7.3	7.4	6.7	6.5	6.2	6.5	6.2	5.5	4.9
164.5°	6.5	7.4	7.3	7.6	6.8	6.6	6.5	6.6	6.3	5.6	5.0
165°	6.6	7.5	7.5	7.6	6.9	6.8	6.6	6.8	6.6	5.7	5.1
165.5°	6.7	7.5	7.5	7.6	7.0	7.0	6.8	6.9	6.7	5.9	5.3
166°	6.7	7.4	7.4	7.6	7.1	7.1	6.9	7.1	6.8	5.9	5.4
166.5°	6.8	7.4	7.4	7.6	7.2	7.1	7.0	7.2	6.9	6.1	5.6
167°	6.8	7.4	7.5	7.6	7.4	7.3	7.0	7.2	6.9	6.2	5.7
167.5°	6.9	7.4	7.5	7.6	7.5	7.4	7.2	7.3	7.1	6.3	5.7
168°	7.1	7.4	7.5	7.6	7.6	7.6	7.3	7.5	7.2	6.4	5.9
168.5°	7.2	7.4	7.5	7.6	7.7	7.7	7.3	7.6	7.3	6.5	6.0
169°	7.4	7.4	7.5	7.6	7.8	7.7	7.4	7.6	7.4	6.6	6.1
169.5°	7.5	7.4	7.6	7.6	7.9	7.8	7.6	7.7	7.5	6.7	6.2
170°	7.5	7.5	7.5	7.6	7.9	7.9	7.6	7.6	7.5	6.8	6.3
170.5°	7.4	7.6	7.7	7.6	8.1	8.0	7.5	7.6	7.6	6.9	6.4
171°	7.4	7.6	7.7	7.6	8.2	8.0	7.5	7.6	7.6	6.9	6.5
171.5°	7.4	7.6	7.7	7.6	8.2	8.2	7.5	7.6	7.6	7.0	6.5
172°	7.4	7.7	7.6	7.6	8.2	8.2	7.5	7.6	7.6	7.1	6.6
172.5°	7.4	7.7	7.6	7.6	8.4	8.3	7.5	7.6	7.6	7.1	6.7
173°	7.4	7.7	7.6	7.6	8.5	8.5	7.5	7.6	7.6	7.3	7.0
173.5°	7.4	7.7	7.6	7.6	8.5	8.5	7.5	7.6	7.6	7.4	7.1
174°	7.4	7.7	7.6	7.6	8.5	8.5	7.5	7.6	7.6	7.4	7.0
174.5°	7.4	7.7	7.6	7.7	8.5	8.5	7.5	7.6	7.6	7.4	7.1
175°	7.4	7.7	7.6	7.6	8.5	8.4	7.5	7.6	7.6	7.4	7.2
175.5°	7.4	7.7	7.6	7.5	8.4	8.4	7.5	7.6	7.6	7.4	7.2
176°	7.4	7.7	7.6	7.4	8.4	8.3	7.4	7.6	7.6	7.4	7.2
176.5°	7.4	7.7	7.6	7.4	8.4	8.3	7.5	7.6	7.6	7.4	7.2
177°	7.4	7.6	7.6	7.4	8.4	8.3	7.3	7.6	7.6	7.4	7.2
177.5°	7.4	7.6	7.4	7.2	8.4	8.1	7.3	7.6	7.6	7.4	7.3
178°	7.4	7.5	7.4	7.2	8.4	8.0	7.3	7.5	7.6	7.4	7.2
178.5°	7.4	7.4	7.2	7.1	8.4	7.9	7.3	7.5	7.6	7.5	7.3



TEST NUMBER: P571722

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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
180°	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4



TEST NUMBER: P571722

CATALOG NUMBER: RLS6159FS1EWHDM 2700K

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
0°	2555.0	2555.0	2555.0	2555.0	2555.0	2555.0
0.5°	2576.9	2575.3	2568.8	2552.9	2583.7	2562.6
1°	2608.8	2589.0	2590.3	2584.8	2596.9	2567.1
1.5°	2630.2	2613.8	2615.6	2603.2	2607.0	2584.1
2°	2649.3	2630.1	2627.9	2614.2	2614.4	2556.5
2.5°	2662.2	2649.3	2631.3	2637.2	2624.1	2547.8
3°	2690.3	2657.6	2651.2	2643.6	2623.5	2548.2
3.5°	2692.8	2667.3	2667.4	2650.4	2615.9	2542.0
4°	2702.5	2684.0	2682.3	2664.2	2622.5	2528.2
4.5°	2696.9	2708.8	2682.8	2664.5	2623.5	2535.4
5°	2700.2	2698.6	2698.8	2658.7	2610.3	2502.7
5.5°	2704.5	2707.5	2722.6	2672.0	2603.4	2495.1
6°	2713.0	2721.1	2723.2	2673.4	2595.8	2488.6
6.5°	2715.5	2730.9	2722.7	2676.2	2592.3	2468.1
7°	2713.3	2722.4	2741.2	2675.2	2584.3	2452.9
7.5°	2702.3	2727.4	2714.4	2666.4	2563.4	2421.0
8°	2693.0	2722.6	2706.9	2635.5	2537.4	2405.9
8.5°	2675.5	2729.1	2698.1	2627.5	2525.5	2377.6
9°	2677.8	2719.1	2706.4	2630.7	2503.6	2368.2
9.5°	2674.3	2729.2	2699.0	2619.7	2498.0	2337.1
10°	2652.2	2725.4	2706.3	2588.2	2485.2	2326.7
10.5°	2642.1	2713.6	2676.2	2588.0	2457.8	2294.3
11°	2628.0	2694.0	2681.0	2561.1	2439.6	2258.2
11.5°	2609.4	2691.2	2671.1	2535.5	2402.7	2219.5
12°	2593.1	2674.9	2646.3	2515.8	2378.6	2198.9
12.5°	2573.2	2655.1	2619.0	2502.9	2356.5	2167.1
13°	2557.5	2657.3	2615.3	2488.7	2323.0	2150.2
13.5°	2531.9	2615.9	2602.5	2468.5	2294.8	2113.4
14°	2512.5	2584.4	2558.6	2428.2	2272.3	2082.4
14.5°	2483.5	2558.6	2536.9	2402.5	2250.0	2040.0
15°	2463.3	2550.0	2520.5	2377.9	2215.0	1995.7
15.5°	2441.6	2518.8	2485.7	2363.5	2182.4	1966.7
16°	2417.5	2487.7	2454.3	2329.2	2152.8	1933.9
16.5°	2390.2	2455.8	2438.7	2298.4	2115.5	1890.6
17°	2361.6	2425.7	2413.4	2271.2	2079.0	1853.0
17.5°	2339.4	2384.5	2383.1	2244.3	2054.0	1808.5
18°	2300.2	2382.6	2358.2	2208.0	2019.5	1762.9
18.5°	2275.8	2344.9	2320.4	2176.9	1973.9	1712.7
19°	2241.8	2307.1	2291.8	2147.4	1936.6	1678.0
19.5°	2211.5	2291.1	2258.5	2122.7	1899.8	1628.2
20°	2180.4	2265.6	2228.4	2084.2	1862.7	1575.2
20.5°	2143.7	2223.8	2191.9	2039.9	1810.6	1524.9
21°	2103.4	2182.0	2161.9	2001.0	1769.3	1473.7



TEST NUMBER: P571722

CATALOG NUMBER: RLS6159FS1EWHDM 2700K

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	1990.3	2077.3	2043.2	1887.7	1633.3	1307.3
23°	1953.3	2033.3	1995.3	1840.2	1584.2	1252.4
23.5°	1910.6	2005.8	1964.0	1798.6	1525.2	1192.6
24°	1865.3	1955.9	1929.2	1751.0	1480.0	1139.8
24.5°	1821.1	1902.0	1874.9	1699.3	1430.0	1088.3
25°	1776.7	1866.6	1835.9	1648.9	1383.0	1038.1
25.5°	1729.4	1820.3	1788.3	1601.1	1316.9	985.0
26°	1680.5	1771.5	1740.1	1553.6	1260.0	931.4
26.5°	1625.0	1721.2	1687.4	1500.3	1204.3	882.3
27°	1568.3	1664.8	1637.0	1441.1	1148.4	834.8
27.5°	1518.9	1618.1	1578.2	1384.8	1092.6	787.0
28°	1463.0	1559.6	1526.9	1325.9	1037.2	740.0
28.5°	1404.2	1506.7	1470.4	1267.6	985.8	692.4
29°	1346.0	1453.3	1411.6	1208.4	933.8	647.7
29.5°	1289.2	1394.5	1353.7	1152.3	879.5	605.9
30°	1228.5	1327.9	1293.2	1094.2	836.0	566.6
30.5°	1167.4	1266.5	1237.5	1044.7	788.6	527.1
31°	1108.8	1211.8	1179.4	992.5	739.3	488.2
31.5°	1054.5	1156.0	1119.5	940.6	695.4	452.0
32°	1005.0	1095.0	1064.1	888.3	653.7	416.1
32.5°	952.4	1036.9	1011.3	838.4	610.1	385.3
33°	900.6	987.1	959.1	789.4	570.7	354.4
33.5°	847.9	930.5	906.5	742.4	530.9	326.3
34°	799.8	876.7	856.5	695.7	493.0	299.0
34.5°	750.0	831.2	807.4	652.1	455.3	272.9
35°	702.9	775.9	757.9	609.5	420.3	250.2
35.5°	658.2	728.4	709.5	568.2	388.3	230.1
36°	613.3	685.5	662.2	528.8	353.5	212.3
36.5°	571.3	640.2	616.9	490.6	325.8	196.0
37°	531.4	595.9	574.8	455.1	298.4	181.6
37.5°	492.8	554.5	534.4	419.4	273.7	168.2
38°	456.2	516.0	495.6	384.8	251.1	156.1
38.5°	420.4	476.1	457.8	353.0	230.8	146.3
39°	388.0	441.2	423.7	323.9	212.4	137.1
39.5°	356.1	406.0	390.7	296.6	195.5	128.6
40°	325.8	376.2	360.2	272.0	180.7	121.8
40.5°	297.6	345.6	331.2	249.2	167.8	115.6
41°	272.6	316.6	304.3	229.2	156.3	109.6
41.5°	251.0	289.6	278.1	211.0	146.4	104.4
42°	231.0	266.7	254.8	194.6	136.6	100.0
42.5°	213.0	245.1	234.0	180.3	128.9	96.0
43°	197.5	225.6	215.5	167.5	122.1	91.5
43.5°	182.8	207.5	199.5	155.2	115.1	87.3





TEST NUMBER: P571722

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**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
45°	148.5	167.5	159.6	127.4	97.9	76.8
45.5°	139.5	156.7	149.2	120.2	93.4	73.7
46°	131.2	146.9	139.9	113.9	88.8	70.8
46.5°	123.3	138.4	131.2	107.6	84.8	68.0
47°	116.9	130.4	123.4	101.9	81.4	65.5
47.5°	110.8	122.7	116.9	96.9	78.3	63.1
48°	104.8	116.3	110.6	92.4	75.3	61.1
48.5°	99.7	110.5	104.6	88.6	72.3	59.1
49°	94.7	105.2	98.7	85.0	69.8	57.2
49.5°	90.3	100.2	93.6	81.1	67.4	55.3
50°	86.3	95.2	89.2	77.5	65.1	53.3
50.5°	82.9	90.9	85.5	74.3	62.6	51.7
51°	79.1	86.7	82.0	71.3	60.4	49.8
51.5°	75.9	83.0	78.6	68.4	58.4	48.3
52°	73.2	79.6	75.1	66.0	56.4	46.8
52.5°	70.7	76.1	72.0	63.4	54.4	45.3
53°	68.2	73.1	69.0	61.0	52.7	44.0
53.5°	65.9	70.1	66.2	58.5	50.9	42.7
54°	63.8	66.7	63.3	56.2	49.2	41.6
54.5°	61.7	63.6	60.7	54.1	47.4	40.1
55°	59.9	60.8	58.2	51.8	45.4	38.2
55.5°	58.0	58.2	55.8	49.3	43.8	36.4
56°	56.1	55.6	53.6	46.8	41.1	33.5
56.5°	54.0	53.1	51.6	44.6	38.3	30.8
57°	51.4	50.7	49.3	42.4	35.8	28.7
57.5°	48.4	48.0	46.3	39.9	33.5	27.1
58°	45.2	45.1	43.2	37.1	31.6	26.0
58.5°	42.1	41.6	40.0	34.8	30.3	24.9
59°	39.0	38.5	37.1	33.1	28.7	23.9
59.5°	36.8	36.3	35.2	31.5	27.3	22.9
60°	35.0	34.6	33.5	30.1	26.2	22.1
60.5°	33.2	33.2	32.1	28.7	25.0	21.3
61°	31.5	31.6	30.5	27.3	23.8	20.4
61.5°	30.2	30.0	28.8	25.7	22.7	19.5
62°	28.5	28.2	27.1	24.4	21.7	18.7
62.5°	26.8	26.4	25.3	23.0	20.8	17.9
63°	25.3	24.7	23.8	21.8	19.8	17.1
63.5°	23.7	23.3	22.5	20.9	18.8	16.5
64°	22.5	22.0	21.3	19.8	17.9	15.7
64.5°	21.2	21.0	20.3	18.7	17.0	15.0
65°	20.1	19.9	19.2	17.8	16.3	14.2
65.5°	19.1	18.8	18.2	16.9	15.5	13.4
66°	18.0	17.8	17.3	16.1	14.9	12.6



TEST NUMBER: P571722

CATALOG NUMBER: RLS6159FS1EWHDM 2700K

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	15.2	15.2	14.6	13.8	12.5	10.6
68°	14.3	14.3	13.8	13.0	11.9	10.1
68.5°	13.5	13.6	13.0	12.5	11.1	9.6
69°	12.8	12.9	12.3	11.8	10.4	9.1
69.5°	12.2	12.2	11.7	11.1	9.8	8.7
70°	11.4	11.5	11.0	10.3	9.2	8.3
70.5°	10.6	10.8	10.3	9.6	8.8	8.0
71°	9.8	10.1	9.7	9.2	8.4	7.5
71.5°	9.2	9.5	9.1	8.8	8.0	7.2
72°	8.6	9.0	8.7	8.3	7.6	6.9
72.5°	8.3	8.5	8.2	7.8	7.2	6.5
73°	7.6	8.0	7.7	7.3	6.9	6.1
73.5°	7.2	7.5	7.2	6.9	6.5	5.8
74°	6.5	7.0	6.8	6.5	6.1	5.4
74.5°	6.2	6.6	6.3	6.2	5.7	5.1
75°	5.7	6.1	5.9	5.7	5.4	4.9
75.5°	5.3	5.7	5.5	5.4	5.0	4.5
76°	4.8	5.2	5.1	5.0	4.7	4.2
76.5°	4.6	4.9	4.9	4.6	4.4	4.0
77°	4.2	4.4	4.3	4.2	4.0	3.7
77.5°	3.6	4.0	4.0	3.9	3.7	3.5
78°	3.5	3.7	3.7	3.5	3.4	3.2
78.5°	2.9	3.3	3.3	3.2	3.1	3.1
79°	2.6	3.0	3.0	2.9	2.9	3.0
79.5°	2.4	2.7	2.7	2.7	2.7	2.9
80°	1.9	2.4	2.4	2.4	2.6	2.8
80.5°	1.7	2.3	2.3	2.3	2.5	2.8
81°	1.6	2.1	2.2	2.2	2.4	2.6
81.5°	1.6	2.1	2.1	2.1	2.3	2.5
82°	1.6	1.9	2.0	2.0	2.2	2.4
82.5°	1.5	1.9	1.8	2.0	2.1	2.3
83°	1.4	1.8	1.8	1.8	2.0	2.1
83.5°	1.1	1.6	1.6	1.7	1.8	2.0
84°	0.9	1.5	1.4	1.6	1.7	1.9
84.5°	0.7	1.3	1.3	1.4	1.6	1.8
85°	0.6	1.2	1.2	1.3	1.5	1.6
85.5°	0.6	1.0	1.0	1.2	1.3	1.5
86°	0.4	0.7	0.9	1.0	1.2	1.3
86.5°	0.2	0.6	0.7	0.9	1.0	1.2
87°	0.1	0.4	0.5	0.6	0.8	1.0
87.5°	0.0	0.3	0.4	0.5	0.7	0.9
88°	0.0	0.1	0.2	0.3	0.5	0.7
88.5°	0.0	0.0	0.1	0.2	0.3	0.6



TEST NUMBER: P571722

CATALOG NUMBER: RLS6159FS1EWHDM 2700K

**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: P571722

CATALOG NUMBER: RLS6159FS1EWHDM 2700K

**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: P571722

CATALOG NUMBER: RLS6159FS1EWHDM 2700K

**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	0.2
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	0.4
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	0.7
139.5°	0.2	0.1	0.2	0.4	0.6	0.7
140°	0.2	0.1	0.3	0.4	0.6	0.7
140.5°	0.2	0.2	0.4	0.5	0.7	0.7
141°	0.2	0.3	0.4	0.5	0.7	0.7
141.5°	0.2	0.5	0.4	0.6	0.7	0.7
142°	0.3	0.5	0.5	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	0.7	0.7	0.9
143.5°	0.4	0.6	0.7	0.8	0.7	1.0
144°	0.4	0.6	0.7	0.8	0.7	1.3
144.5°	0.4	0.7	0.7	0.7	0.8	1.5
145°	0.4	0.7	0.7	0.7	0.9	1.5
145.5°	0.4	0.7	0.7	0.8	0.9	1.5
146°	0.6	0.7	0.7	0.8	1.3	1.5
146.5°	0.5	0.8	0.8	0.8	1.5	1.7
147°	0.6	0.9	0.9	1.0	1.5	1.7
147.5°	0.6	1.0	0.9	1.2	1.6	2.0
148°	0.6	1.3	1.1	1.5	1.5	2.2
148.5°	0.7	1.5	1.5	1.6	1.7	2.5
149°	0.8	1.5	1.5	1.6	1.8	2.6
149.5°	0.8	1.6	1.5	1.5	1.8	2.6
150°	0.8	1.6	1.5	1.6	2.0	2.6
150.5°	1.0	1.6	1.6	1.7	2.5	2.7
151°	1.1	1.7	1.6	1.9	2.5	2.8
151.5°	1.1	1.8	1.8	2.1	2.5	3.0
152°	1.1	1.9	1.9	2.3	2.5	3.3
152.5°	1.3	2.3	2.1	2.4	2.6	3.4
153°	1.3	2.5	2.4	2.5	2.8	3.4
153.5°	1.4	2.5	2.4	2.5	2.9	3.5
154°	1.5	2.5	2.4	2.6	3.2	3.7
154.5°	1.6	2.5	2.5	2.7	3.4	3.9
155°	1.7	2.7	2.6	2.9	3.6	4.5
155.5°	1.9	2.8	2.8	3.2	3.5	4.6
156°	2.0	3.0	2.9	3.4	3.7	4.6



TEST NUMBER: P571722

CATALOG NUMBER: RLS6159FS1EWHDM 2700K

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
157.5°	2.4	3.4	3.4	3.6	4.7	4.7
158°	2.4	3.5	3.4	3.8	4.7	4.9
158.5°	2.6	3.6	3.6	4.3	4.7	5.0
159°	2.7	3.7	3.8	4.7	4.7	5.4
159.5°	2.9	3.9	4.1	4.7	4.7	5.4
160°	3.1	4.6	4.5	4.6	4.9	5.4
160.5°	3.2	4.6	4.5	4.6	5.0	5.5
161°	3.4	4.7	4.5	4.6	5.4	5.6
161.5°	3.6	4.7	4.5	4.8	5.4	5.8
162°	3.7	4.7	4.5	5.0	5.4	5.9
162.5°	3.9	4.7	4.7	5.4	5.5	6.1
163°	4.1	4.7	4.9	5.4	5.7	6.3
163.5°	4.1	5.0	5.1	5.4	5.8	6.3
164°	4.4	5.2	5.3	5.5	6.0	6.3
164.5°	4.5	5.5	5.3	5.6	6.4	6.5
165°	4.6	5.4	5.4	5.8	6.4	6.6
165.5°	4.7	5.4	5.6	5.9	6.4	6.7
166°	5.0	5.5	5.7	6.3	6.4	6.7
166.5°	5.1	5.7	5.9	6.3	6.4	6.8
167°	5.1	5.8	6.4	6.2	6.5	6.8
167.5°	5.3	6.0	6.4	6.4	6.6	6.9
168°	5.5	6.2	6.4	6.4	6.6	7.1
168.5°	5.6	6.3	6.4	6.5	6.7	7.2
169°	5.7	6.3	6.5	6.6	6.8	7.4
169.5°	5.7	6.3	6.5	6.7	6.9	7.5
170°	5.9	6.5	6.7	6.8	6.9	7.5
170.5°	6.0	6.6	7.0	7.0	7.3	7.4
171°	6.1	6.7	7.2	7.3	7.4	7.4
171.5°	6.2	7.2	7.3	7.3	7.5	7.4
172°	6.3	7.4	7.3	7.3	7.5	7.4
172.5°	6.4	7.4	7.3	7.3	7.4	7.4
173°	6.6	7.3	7.3	7.3	7.4	7.4
173.5°	6.7	7.3	7.3	7.3	7.4	7.4
174°	6.8	7.3	7.3	7.3	7.5	7.4
174.5°	6.9	7.3	7.3	7.4	7.5	7.4
175°	6.9	7.3	7.3	7.4	7.5	7.4
175.5°	7.0	7.3	7.3	7.4	7.5	7.4
176°	7.0	7.3	7.3	7.5	7.5	7.4
176.5°	7.0	7.3	7.3	7.5	7.5	7.4
177°	7.1	7.3	7.3	7.4	7.5	7.4
177.5°	7.1	7.4	7.3	7.4	7.5	7.4
178°	7.2	7.4	7.3	7.4	7.5	7.4
178.5°	7.2	7.5	7.3	7.4	7.5	7.4



TEST NUMBER: P571722

CATALOG NUMBER: RLS6159FS1EWHDM 2700K

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
180°	7.4	7.4	7.4	7.4	7.4	7.4



Report Generated By 670245859 / DESKTOP-HRDQ47P







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







21.5°	1420.1	1113.7	886.9	743.2	690.2	698.7	785.5	958.8	1213.2	1509.2	1802.2
22°	1364.2	1058.0	833.4	699.1	648.1	653.2	739.4	908.5	1155.0	1464.8	1760.9



44°	83.8	66.7	57.8	54.5	51.1	51.8	52.8	59.8	70.5	89.8	121.7
44.5°	80.5	64.5	56.2	53.2	49.8	50.8	51.2	58.6	68.4	85.9	115.1



66.5°	11.9	10.2	9.2	8.8	7.7	8.2	8.7	9.7	11.3	13.5	15.5
67°	11.2	9.8	8.9	8.4	7.4	7.6	8.4	9.2	10.6	12.7	14.7



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



156.5°	4.6	5.4	5.4	5.7	4.8	4.5	3.9	4.2	3.9	3.1	2.6
157°	4.6	5.3	5.6	5.9	5.0	4.7	4.1	4.4	4.1	3.3	2.7



179°	7.4	7.4	7.2	7.0	8.4	7.9	7.3	7.5	7.5	7.5	7.3
179.5°	7.4	7.4	7.3	7.0	8.4	7.8	7.3	7.5	7.5	7.4	7.4





21.5°	2067.4	2154.2	2114.9	1961.8	1727.2	1420.1
22°	2021.1	2107.7	2084.2	1929.2	1677.4	1364.2



44°	170.4	191.9	184.6	144.9	108.8	83.8
44.5°	158.4	179.6	171.7	135.7	102.9	80.5



66.5°	17.0	16.9	16.4	15.3	14.1	11.9
67°	16.2	16.0	15.4	14.5	13.4	11.2





89°	0.0	0.0	0.0	0.1	0.2	0.4
89.5°	0.0	0.1	0.0	0.0	0.1	0.2



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°	2.1	3.2	3.2	3.5	3.7	4.6
157°	2.2	3.4	3.4	3.5	4.4	4.6



179°	7.2	7.5	7.3	7.4	7.5	7.4
179.5°	7.2	7.7	7.3	7.4	7.6	7.4



(END OF REPORT)