

Scaled data based on original data using
LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: LUMARK

Report Number: P1444965

Luminaire Tested: CWP75 (75W-5000K)

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2024
Report Number: P1444965
TEST IS SCALED FROM IESNA LM-79-24 TEST DATA
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/1/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: CWP75 (75W-5000K)
Description: COMPACT WALL PACK, 75W
SET TO 75W, 5000K CCT
Light Source: 3000K/5000K CCT, 80 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10143.3 lumens
Efficiency: N/A
Efficacy: 134.2 lumens/watt
Luminous Opening: Point Source (0m x 0m x 0m)
IES Classification: Type IV - Short
BUG Rating: B1 - U5 - G5

Input Watts (W): 75.6
Input Voltage (V): 120
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: 28.75 FT



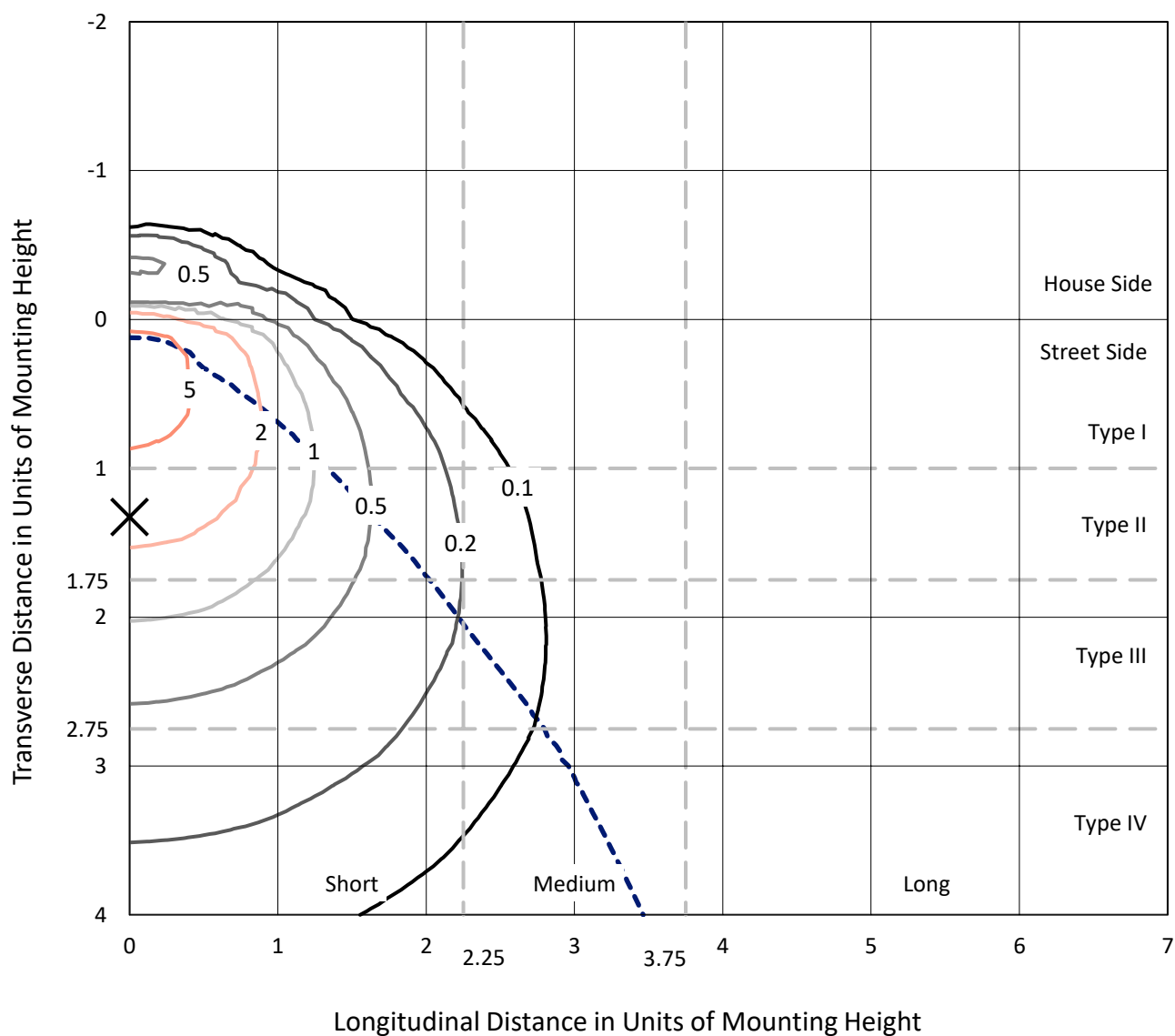
REPORT NUMBER: P1444965

CATALOG NUMBER: CWP75 (75W-5000K)

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



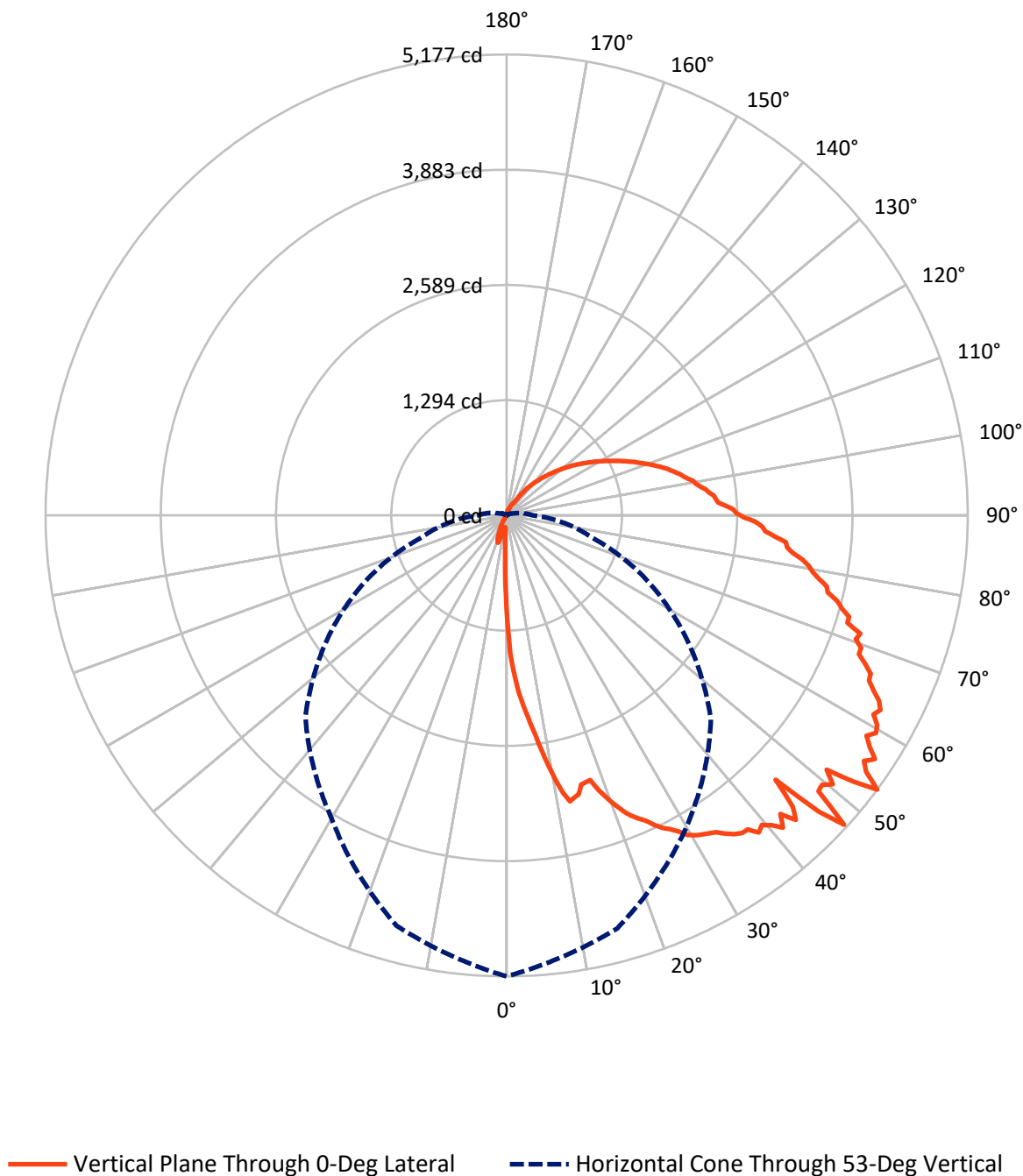
Based on 20 foot mounting height. Maximum calculated value = 7.4 fc

Type IV - Short - N/A

REPORT NUMBER: P1444965

CATALOG NUMBER: CWP75 (75W-5000K)

Luminous Intensity Polar Plot



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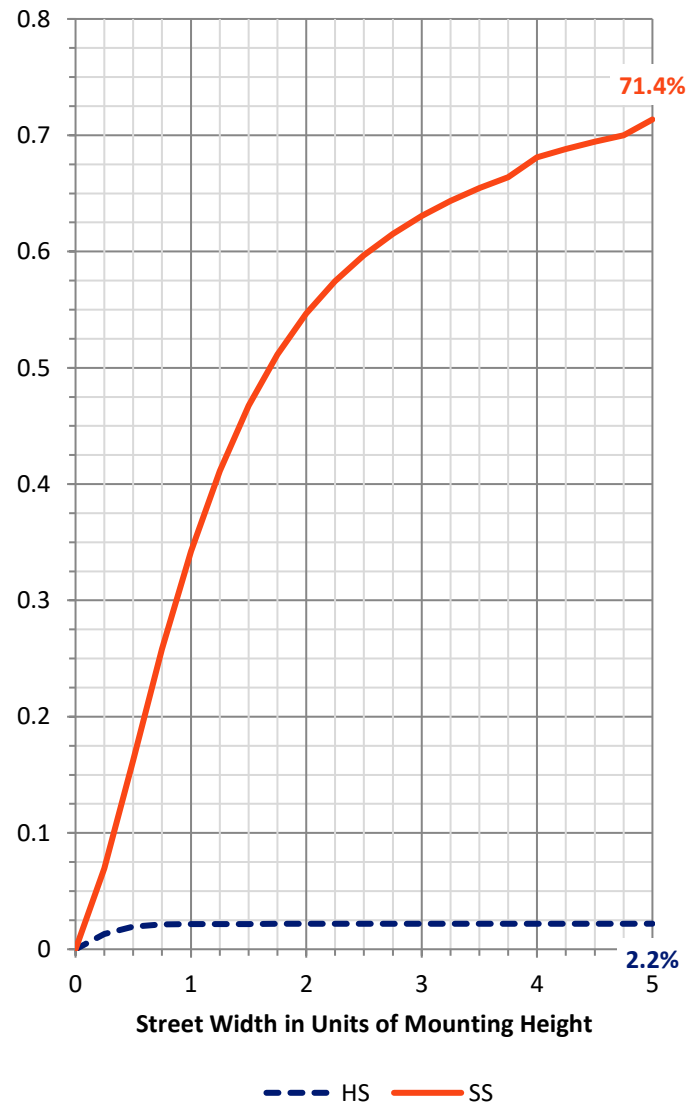
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	225.3	9.7	235.0
	% Fixture	2.2	0.1	2.3
Street Side	Lumens	7932.5	1975.8	9908.3
	% Fixture	78.2	19.5	97.7
Total	Lumens	8157.8	1985.5	10143.3
	% Fixture	80.4	19.6	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	116.6	1.1
10°-20°	405.0	4.0
20°-30°	706.4	7.0
30°-40°	984.4	9.7
40°-50°	1188.9	11.7
50°-60°	1323.7	13.1
60°-70°	1329.9	13.1
70°-80°	1178.1	11.6
80°-90°	924.7	9.1
90°-100°	704.9	6.9
100°-110°	530.5	5.2
110°-120°	355.5	3.5
120°-130°	214.7	2.1
130°-140°	112.6	1.1
140°-150°	46.2	0.5
150°-160°	16.6	0.2
160°-170°	4.2	0.0
170°-180°	0.3	0.0
0°-90°	8157.8	80.4
0°-180°	10143.3	100.0

Coefficient of Utilization



REPORT NUMBER: P1444965

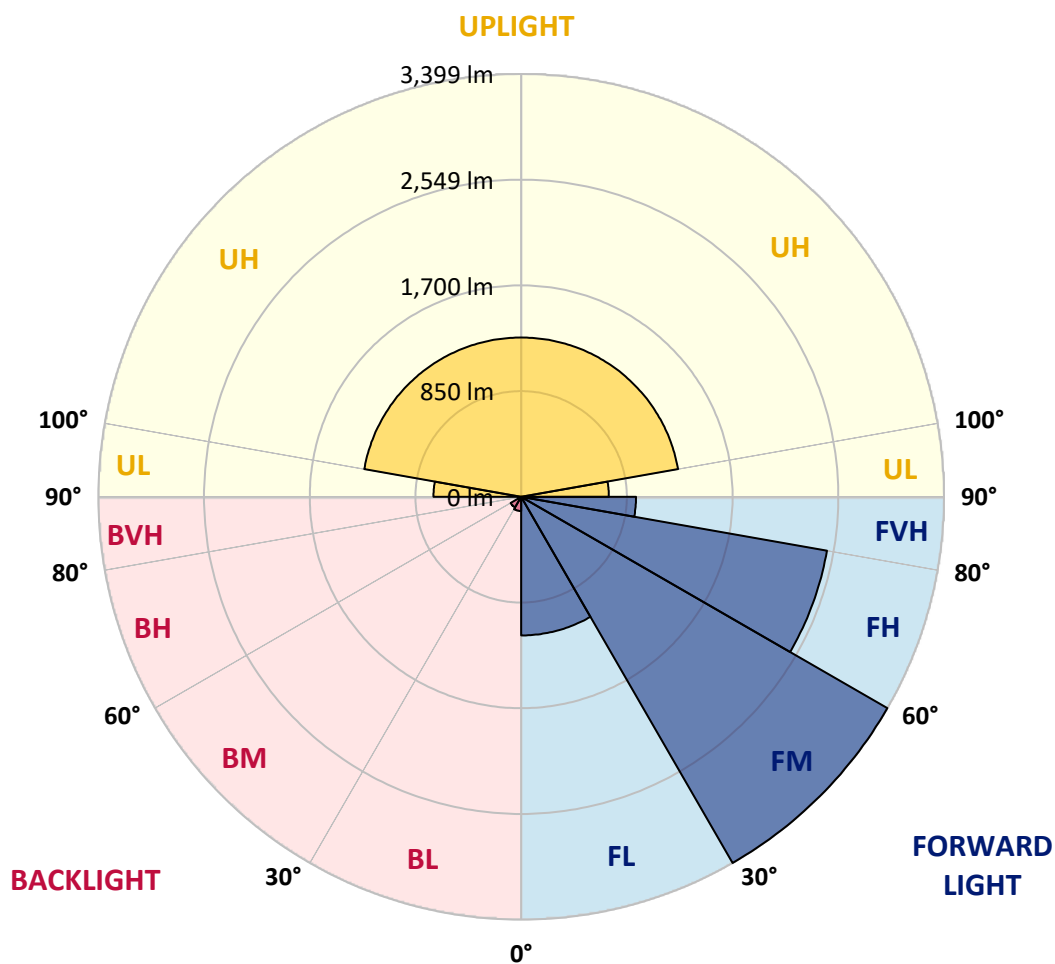
CATALOG NUMBER: CWP75 (75W-5000K)

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1114.1	11.0			
FM	(30°-60°)	3399.0	33.5			
FH	(60°-80°)	2496.3	24.6			G2/5000
FVH	(80°-90°)	923.1	9.1			G5
BL	(0°-30°)	114.0	1.1	B1/500		
BM	(30°-60°)	98.0	1.0	B0/220		
BH	(60°-80°)	11.7	0.1	B0/110		G0/110
BVH	(80°-90°)	1.6	0.0			G0/10
UL	(90°-100°)	704.9	6.9		U4/1000	
UH	(100°-180°)	1280.7	12.6		U5	

BUG Rating: B1-U5-G5

Type IV Short



REPORT NUMBER: P1444965

CATALOG NUMBER: CWP75 (75W-5000K)

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	1197.6	1197.6	1197.6	1197.6	1197.6	1197.6	1197.6	1197.6	1197.6	1197.6	1197.6
1°	1541.6	1539.0	1515.1	1464.1	1394.1	1317.2	1151.0	1080.7	1013.5	953.1	915.8
2°	1734.1	1724.8	1710.6	1669.8	1571.0	1407.3	1153.5	998.2	845.0	741.6	679.0
3°	1928.6	1909.9	1845.1	1760.3	1687.9	1495.7	1149.0	908.3	715.9	569.4	438.5
4°	2068.0	2041.3	1973.0	1909.5	1738.5	1568.6	1139.9	819.5	588.4	373.7	289.0
5°	2205.8	2171.2	2100.9	2004.0	1825.4	1650.6	1148.3	754.3	441.3	275.0	204.6
6°	2343.6	2301.0	2228.8	2107.7	1943.8	1679.8	1133.9	686.1	334.3	205.9	156.0
7°	2496.0	2465.3	2345.9	2211.5	1989.8	1699.8	1121.7	617.1	281.3	160.9	139.2
8°	2673.7	2617.7	2476.8	2281.0	2050.8	1731.8	1120.0	543.3	228.4	143.0	131.3
9°	2846.8	2789.3	2619.5	2393.8	2111.9	1762.1	1107.4	464.3	175.8	134.2	131.0
10°	3024.4	2950.1	2780.7	2480.4	2172.9	1808.2	1104.2	397.5	152.2	130.4	135.6
11°	3179.5	3122.6	2927.8	2605.2	2209.5	1858.5	1086.1	344.9	140.9	130.9	142.0
12°	3290.1	3231.6	3055.5	2712.2	2303.7	1869.7	1060.2	302.0	135.2	135.3	150.0
13°	3257.0	3283.6	3169.6	2815.4	2354.8	1873.9	1046.2	267.8	131.8	141.3	157.2
14°	3236.3	3212.8	3250.9	2922.8	2390.0	1889.6	1027.0	237.0	130.6	148.3	161.8
15°	3135.6	3154.0	3195.9	3041.5	2453.7	1887.7	1008.7	206.3	131.3	155.4	169.8
16°	3125.8	3122.1	3167.4	3109.5	2517.7	1904.3	989.0	181.4	133.6	162.5	186.6
17°	3116.9	3063.4	3050.3	3128.6	2557.5	1905.0	958.0	160.6	137.0	170.2	219.6
18°	3253.9	3124.2	3047.1	3063.5	2624.1	1884.9	933.3	146.1	141.0	180.4	255.5
19°	3362.6	3255.5	2977.0	2997.6	2658.6	1874.1	918.5	136.0	146.7	193.4	286.0
20°	3471.0	3389.9	3048.2	2912.8	2676.8	1887.2	890.3	129.1	153.0	210.6	299.9
21°	3567.3	3487.8	3170.3	2839.0	2710.5	1882.0	871.4	124.5	159.8	228.2	300.4
22°	3650.9	3563.9	3285.7	2811.6	2724.7	1882.7	845.8	121.7	167.0	243.3	295.8
23°	3711.0	3625.2	3370.6	2762.8	2724.8	1871.3	827.2	119.8	175.7	251.8	282.0
24°	3768.5	3687.4	3429.7	2800.8	2679.2	1868.5	811.0	118.4	185.1	255.8	264.7
25°	3850.5	3765.0	3484.7	2877.4	2604.3	1887.5	792.3	118.7	193.1	254.0	245.4
26°	3922.9	3841.6	3537.8	2946.0	2524.5	1883.8	773.9	119.6	200.1	248.3	226.1
27°	3971.9	3900.2	3594.9	3005.1	2445.0	1879.9	758.0	121.7	205.2	238.0	206.8
28°	4037.5	3952.1	3645.6	3043.4	2368.3	1884.3	741.2	124.8	209.0	227.6	188.5
29°	4123.1	4012.2	3687.6	3079.4	2331.2	1880.7	731.9	129.0	211.0	217.2	171.0
30°	4169.9	4082.2	3727.7	3109.1	2271.0	1888.8	720.3	133.8	209.8	204.8	153.2
31°	4203.6	4130.8	3770.1	3129.4	2228.8	1880.6	694.2	139.1	207.3	190.3	135.7
32°	4232.8	4179.3	3808.2	3125.6	2237.2	1870.6	677.2	144.9	202.2	175.4	119.2
33°	4266.5	4212.1	3855.7	3147.7	2272.2	1859.1	659.9	150.5	195.2	159.7	102.8
34°	4338.2	4243.1	3896.7	3167.8	2290.5	1842.3	646.6	155.6	187.8	144.7	87.5
35°	4397.1	4301.7	3920.5	3179.3	2309.9	1823.2	628.6	159.9	179.1	129.9	73.1
36°	4439.9	4349.1	3948.7	3177.8	2320.1	1808.9	609.2	162.7	169.3	116.4	60.1
37°	4446.6	4375.4	3991.0	3175.3	2322.3	1769.3	591.6	165.4	159.2	103.1	48.5
38°	4550.3	4407.1	4021.4	3183.0	2307.3	1736.8	576.0	166.3	149.0	90.1	40.5
39°	4505.6	4451.7	4030.9	3187.9	2293.2	1700.2	557.5	166.0	138.5	77.0	34.3
40°	4575.5	4434.7	4049.7	3186.9	2289.5	1659.7	538.7	164.8	128.3	65.4	29.9
41°	4682.5	4517.6	4033.1	3186.5	2292.3	1604.2	523.8	161.6	118.5	55.2	25.7
42°	4547.4	4534.8	4055.3	3172.7	2280.9	1549.9	508.7	157.6	108.6	45.5	21.4
43°	4715.8	4507.8	4109.4	3189.4	2273.6	1494.2	492.8	152.4	99.3	36.7	17.2
44°	4585.2	4591.0	4073.9	3202.1	2264.6	1429.7	474.0	146.6	90.6	30.2	13.7

REPORT NUMBER: P1444965

CATALOG NUMBER: CWP75 (75W-5000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	4234.8	4407.8	4096.5	3200.1	2263.9	1369.1	455.6	140.5	82.3	24.7	2.8
46°	4829.0	4321.7	4086.2	3198.3	2256.4	1304.9	437.2	133.8	74.3	19.3	0.9
47°	5140.6	4737.8	3961.5	3203.5	2249.8	1250.2	417.9	126.8	66.7	13.8	0.9
48°	4675.0	4870.5	3993.9	3198.3	2232.2	1191.3	396.5	120.1	59.3	9.4	1.0
49°	4659.3	4622.5	4158.8	3209.1	2204.5	1135.3	375.6	113.2	51.1	7.0	1.0
50°	4745.3	4595.4	4164.6	3157.9	2186.6	1093.5	355.0	106.6	43.6	4.3	1.1
51°	4589.9	4573.6	4098.7	3148.3	2171.3	1065.7	334.9	99.6	36.7	0.9	1.1
52°	4912.6	4525.7	4115.4	3224.1	2137.9	1038.7	310.3	93.0	30.6	0.9	1.2
53°	5177.4	4801.7	4039.5	3242.8	2114.1	1012.5	291.6	86.6	25.6	0.9	1.2
54°	4960.4	4921.1	3974.4	3201.2	2074.4	973.3	273.8	80.4	20.6	1.0	1.3
55°	4869.9	4757.0	4111.2	3188.9	2028.7	946.3	257.9	74.2	15.7	1.0	1.4
56°	4957.8	4730.0	4201.2	3173.0	2030.8	916.6	241.8	68.1	11.8	1.0	1.4
57°	4833.3	4775.1	4169.7	3142.5	2014.3	883.8	225.7	62.3	7.8	1.1	1.5
58°	4737.2	4672.4	4137.1	3173.9	1956.6	853.7	209.6	56.7	5.1	1.1	1.5
59°	4812.9	4613.4	4108.6	3178.4	1913.5	826.9	197.3	51.4	2.9	1.2	1.6
60°	4780.6	4658.6	4058.5	3152.2	1877.0	809.9	184.1	46.1	1.0	1.2	1.7
61°	4686.4	4615.4	4035.5	3119.9	1839.9	788.2	170.9	41.2	0.9	1.3	1.7
62°	4732.7	4538.2	4023.4	3090.0	1821.4	760.8	158.7	36.8	0.9	1.4	1.8
63°	4671.9	4561.8	4007.6	3054.4	1802.4	736.5	147.8	32.5	0.9	1.4	1.9
64°	4564.0	4518.7	4008.7	3015.1	1765.5	713.6	135.5	28.6	0.9	1.5	2.0
65°	4471.8	4395.4	3999.9	2974.6	1732.6	692.0	125.3	24.4	1.0	1.5	2.1
66°	4457.8	4331.4	3934.8	2954.7	1692.3	675.3	115.5	20.2	1.0	1.6	2.1
67°	4355.0	4304.1	3858.5	2945.3	1653.7	655.6	105.2	16.1	1.0	1.7	2.2
68°	4252.8	4181.0	3789.8	2910.5	1622.3	633.5	95.8	12.6	1.1	1.7	2.3
69°	4250.2	4117.3	3712.9	2854.8	1582.2	610.6	86.7	9.4	1.1	1.8	2.4
70°	4158.2	4065.4	3640.3	2808.8	1553.9	590.6	78.6	6.6	1.1	1.8	2.4
71°	4189.1	4045.8	3601.1	2752.4	1516.7	568.6	70.2	4.2	1.2	1.9	2.5
72°	4012.9	3975.1	3544.6	2693.0	1474.5	551.0	62.3	2.3	1.2	2.0	2.6
73°	4009.8	3869.5	3532.7	2650.4	1433.3	534.3	54.9	1.5	1.3	2.0	2.7
74°	3905.8	3822.1	3415.6	2611.7	1383.3	513.2	48.2	1.2	1.3	2.1	2.7
75°	3833.2	3752.7	3350.7	2562.1	1349.3	493.0	41.8	1.0	1.3	2.1	2.8
76°	3708.1	3640.1	3261.1	2504.1	1307.1	471.1	36.1	0.9	1.4	2.2	2.9
77°	3681.8	3586.9	3169.1	2441.0	1276.0	452.8	30.8	0.8	1.4	2.3	3.0
78°	3578.8	3488.8	3111.9	2375.3	1238.4	435.4	26.2	0.8	1.5	2.3	3.0
79°	3498.5	3403.4	3023.8	2309.5	1191.5	416.6	21.7	0.8	1.5	2.4	3.1
80°	3437.5	3300.3	2937.0	2239.1	1152.7	397.0	17.1	0.8	1.5	2.4	3.2
81°	3360.9	3261.1	2865.0	2173.6	1107.5	379.5	13.4	0.8	1.6	2.5	3.2
82°	3239.6	3157.3	2782.8	2115.4	1068.1	360.4	10.1	0.8	1.6	2.5	3.3
83°	3168.6	3057.9	2678.9	2040.9	1034.5	344.2	7.3	0.8	1.7	2.6	3.3
84°	3150.8	3035.5	2630.5	1966.5	1001.1	327.6	4.9	0.8	1.7	2.6	3.4
85°	3023.8	2929.6	2568.0	1941.9	967.7	316.6	3.0	0.9	1.7	2.6	3.4
86°	2908.4	2815.4	2453.5	1851.5	934.3	300.7	1.7	0.9	1.8	2.7	3.5
87°	2872.7	2763.7	2397.5	1806.9	911.1	289.2	0.9	0.9	1.8	2.7	3.6
88°	2801.2	2694.2	2332.0	1744.1	875.1	277.2	0.5	0.9	1.8	2.8	3.6
89°	2667.9	2560.9	2217.2	1671.3	849.3	268.4	0.4	1.0	1.9	2.8	3.7

REPORT NUMBER: P1444965

CATALOG NUMBER: CWP75 (75W-5000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	2582.6	2483.3	2163.2	1632.4	824.6	259.6	0.4	1.0	1.9	2.9	3.7
91°	2546.7	2442.6	2110.9	1578.6	806.9	251.8	0.4	1.0	2.0	2.9	3.8
92°	2462.0	2353.2	2029.8	1543.1	791.3	243.6	0.4	1.0	2.0	3.0	3.8
93°	2378.5	2283.5	1998.9	1526.8	776.3	235.1	0.4	1.1	2.0	3.0	3.9
94°	2355.1	2262.6	1979.5	1499.2	758.0	226.7	0.4	1.1	2.1	3.1	3.9
95°	2333.7	2237.3	1946.4	1467.4	736.0	217.8	0.4	1.1	2.1	3.1	4.0
96°	2286.6	2189.4	1912.2	1433.0	709.8	208.7	0.5	1.1	2.1	3.1	4.0
97°	2250.9	2152.4	1868.7	1385.3	685.5	200.4	0.5	1.2	2.2	3.2	4.1
98°	2196.3	2097.5	1820.8	1346.1	660.9	191.3	0.5	1.2	2.2	3.2	4.1
99°	2152.9	2061.1	1786.1	1306.7	638.0	183.0	0.5	1.2	2.2	3.2	4.1
100°	2129.8	2028.7	1738.6	1267.2	616.9	175.4	0.5	1.2	2.2	3.3	4.2
101°	2075.3	1978.5	1699.3	1230.3	594.1	167.6	0.5	1.3	2.3	3.3	4.2
102°	2033.4	1939.8	1661.8	1190.1	571.5	159.4	0.5	1.3	2.3	3.3	4.2
103°	1993.7	1897.0	1617.4	1149.2	548.8	151.9	0.5	1.3	2.3	3.3	4.2
104°	1949.1	1855.0	1572.6	1109.9	528.2	145.1	0.6	1.3	2.3	3.3	4.3
105°	1905.9	1808.5	1527.6	1068.3	507.0	139.0	0.6	1.3	2.3	3.3	4.3
106°	1860.4	1762.6	1482.9	1027.7	485.0	132.8	0.6	1.3	2.3	3.3	4.2
107°	1812.3	1717.6	1436.1	990.2	464.5	126.6	0.6	1.3	2.3	3.3	4.2
108°	1762.4	1667.7	1388.8	952.9	445.8	121.2	0.6	1.4	2.3	3.3	4.2
109°	1714.3	1618.2	1343.5	915.5	427.9	116.3	0.6	1.4	2.3	3.3	4.2
110°	1661.4	1567.3	1298.9	879.4	409.5	111.8	0.6	1.4	2.4	3.3	4.2
111°	1610.5	1518.2	1255.4	843.4	393.2	107.5	0.6	1.4	2.4	3.4	4.2
112°	1562.8	1471.7	1212.9	808.6	376.9	103.4	0.6	1.4	2.3	3.3	4.2
113°	1513.0	1422.5	1171.1	774.3	360.4	98.8	0.6	1.4	2.3	3.3	4.1
114°	1464.3	1376.4	1130.2	742.4	344.0	94.3	0.7	1.4	2.3	3.2	4.0
115°	1417.8	1331.4	1090.3	710.2	327.8	89.7	0.7	1.4	2.3	3.2	4.0
116°	1372.0	1288.0	1051.7	679.1	312.1	85.1	0.7	1.4	2.3	3.2	4.0
117°	1326.5	1243.2	1012.6	649.2	298.2	80.8	0.7	1.4	2.3	3.1	4.0
118°	1281.4	1200.7	976.0	620.3	285.6	76.6	0.7	1.4	2.3	3.1	3.9
119°	1237.5	1158.3	939.5	591.9	273.0	71.9	0.7	1.4	2.3	3.1	3.9
120°	1195.9	1117.4	902.9	564.3	260.5	66.9	0.7	1.4	2.3	3.1	3.9
121°	1152.5	1075.7	868.0	537.9	248.0	62.6	0.7	1.4	2.3	3.1	3.9
122°	1108.7	1035.6	832.7	512.7	235.2	59.2	0.7	1.4	2.3	3.1	3.9
123°	1067.4	997.2	797.4	486.6	222.3	56.3	0.8	1.5	2.3	3.1	3.9
124°	1027.9	958.7	763.4	460.8	209.4	53.9	0.8	1.5	2.3	3.1	3.9
125°	989.1	920.3	728.5	438.2	197.0	51.9	0.8	1.5	2.3	3.1	3.9
126°	950.3	883.1	694.5	417.7	186.0	50.0	0.8	1.5	2.3	3.1	3.9
127°	911.4	844.6	661.7	397.9	176.3	48.0	0.9	1.5	2.3	3.1	3.9
128°	871.2	807.6	630.1	378.0	167.8	46.1	0.9	1.6	2.4	3.2	3.9
129°	832.2	770.8	598.2	359.0	160.7	44.6	0.9	1.6	2.4	3.2	3.9
130°	793.8	733.9	566.5	340.3	155.2	43.4	0.9	1.6	2.4	3.2	3.9
131°	757.2	698.1	535.9	322.2	150.7	42.4	1.0	1.6	2.4	3.2	3.9
132°	720.0	662.7	504.9	304.8	145.7	41.3	1.0	1.7	2.4	3.2	3.9
133°	684.2	628.4	474.9	287.4	138.8	40.2	1.0	1.7	2.5	3.3	3.9
134°	648.9	594.4	445.6	271.0	131.2	38.5	1.1	1.7	2.5	3.3	3.9

REPORT NUMBER: P1444965

CATALOG NUMBER: CWP75 (75W-5000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
135°	613.8	561.5	418.0	255.1	124.0	36.6	1.1	1.8	2.5	3.3	3.9
136°	581.0	528.5	391.0	239.8	117.6	35.0	1.2	1.8	2.5	3.3	3.9
137°	547.1	497.6	365.2	225.1	111.3	33.1	1.2	1.8	2.5	3.3	3.9
138°	515.8	466.4	340.6	211.4	105.6	31.2	1.2	1.9	2.6	3.3	3.9
139°	484.8	436.4	317.7	198.4	100.7	29.4	1.3	1.9	2.6	3.3	3.9
140°	453.3	406.4	296.8	186.5	96.0	27.7	1.3	2.0	2.6	3.3	3.9
141°	421.3	376.0	275.8	175.2	91.3	26.0	1.4	2.0	2.6	3.3	3.9
142°	389.3	344.6	254.5	164.8	87.7	24.3	1.5	2.0	2.7	3.3	3.9
143°	356.0	313.4	235.3	155.8	84.4	22.5	1.5	2.1	2.7	3.3	3.9
144°	323.2	283.3	217.1	147.7	81.7	20.8	1.6	2.1	2.7	3.3	3.9
145°	289.9	254.5	199.8	140.0	78.8	19.0	1.6	2.2	2.7	3.3	3.9
146°	257.3	228.1	183.5	132.1	74.5	17.1	1.7	2.2	2.8	3.3	3.9
147°	225.8	204.2	168.1	125.0	69.4	15.4	1.8	2.2	2.8	3.3	3.8
148°	196.1	182.5	154.7	118.7	64.1	13.6	1.8	2.3	2.8	3.3	3.8
149°	171.1	164.0	143.8	113.4	59.1	11.9	1.9	2.3	2.8	3.3	3.8
150°	156.1	151.5	135.4	107.8	54.4	10.6	1.9	2.3	2.8	3.2	3.7
151°	154.2	146.3	129.8	102.0	50.1	9.4	2.0	2.4	2.8	3.2	3.6
152°	152.9	144.1	124.6	95.8	46.4	8.2	2.0	2.4	2.8	3.2	3.6
153°	145.8	138.3	118.0	89.6	43.0	7.2	2.1	2.4	2.8	3.1	3.5
154°	136.8	129.9	110.3	83.4	39.7	6.1	2.1	2.4	2.8	3.1	3.4
155°	127.2	120.9	102.8	76.8	36.6	4.9	2.2	2.4	2.8	3.0	3.4
156°	117.7	112.0	95.5	69.9	33.5	3.8	2.2	2.5	2.8	3.0	3.3
157°	109.0	103.7	88.2	63.1	30.6	2.9	2.3	2.5	2.8	3.0	3.2
158°	100.2	96.1	80.9	56.3	28.0	2.2	2.3	2.5	2.7	2.9	3.1
159°	92.6	88.5	74.4	49.9	25.5	2.2	2.4	2.5	2.7	2.9	3.1
160°	85.0	80.9	68.2	44.1	23.0	2.3	2.4	2.5	2.7	2.9	3.0
161°	77.4	73.8	61.4	39.2	20.5	2.4	2.4	2.5	2.7	2.8	2.9
162°	70.4	66.9	54.6	34.6	17.7	2.1	2.5	2.5	2.7	2.8	2.8
163°	63.8	60.6	48.0	30.6	14.8	2.1	2.5	2.6	2.7	2.7	2.8
164°	57.4	54.5	41.9	27.1	11.9	2.1	2.5	2.6	2.7	2.7	2.7
165°	51.3	48.6	36.1	24.1	9.3	2.2	2.5	2.6	2.7	2.7	2.6
166°	45.5	42.8	31.0	21.2	6.7	2.2	2.6	2.6	2.6	2.6	2.6
167°	38.8	36.2	26.4	17.8	4.2	2.3	2.6	2.6	2.6	2.6	2.5
168°	32.4	30.0	22.8	14.0	2.6	2.3	2.6	2.6	2.6	2.6	2.4
169°	26.5	24.4	18.9	10.1	2.3	2.3	2.6	2.6	2.6	2.5	2.4
170°	20.6	18.8	14.4	6.6	2.3	2.3	2.6	2.6	2.6	2.5	2.4
171°	15.0	13.7	10.3	3.2	2.1	2.2	2.6	2.6	2.6	2.5	2.3
172°	10.6	9.7	6.2	2.1	2.1	2.2	2.6	2.6	2.6	2.5	2.3
173°	6.2	5.8	2.0	2.0	2.1	2.2	2.6	2.6	2.5	2.4	2.3
174°	1.8	1.8	1.9	1.9	2.1	2.3	2.6	2.6	2.5	2.4	2.3
175°	1.6	1.7	1.8	2.0	2.2	2.3	2.6	2.6	2.5	2.4	2.2
176°	1.6	1.7	1.8	2.0	2.1	2.3	2.6	2.6	2.5	2.4	2.2
177°	1.7	1.7	1.8	1.9	2.1	2.2	2.6	2.6	2.5	2.4	2.2
178°	1.7	1.7	1.7	1.9	2.0	2.2	2.6	2.6	2.5	2.4	2.2
179°	1.7	1.7	1.7	1.8	1.9	2.1	2.6	2.6	2.5	2.3	2.2



REPORT NUMBER: P1444965
CATALOG NUMBER: CWP75 (75W-5000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
180°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7

REPORT NUMBER: P1444965

CATALOG NUMBER: CWP75 (75W-5000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	1197.6	1197.6	1197.6	1197.6	1197.6	1197.6	1197.6	1197.6	1197.6	1197.6	1197.6
1°	898.1	899.7	922.1	968.9	1028.7	1097.6	1168.4	1156.3	1227.6	1308.0	1389.0
2°	643.8	636.2	662.2	719.6	801.1	937.5	1092.1	1150.4	1305.2	1485.1	1618.6
3°	376.5	367.4	395.9	488.0	631.2	784.8	1021.5	1161.4	1403.4	1644.8	1724.3
4°	252.0	242.7	260.6	308.3	433.0	670.8	932.2	1160.7	1502.1	1715.7	1866.3
5°	173.2	167.5	178.1	219.7	302.8	534.5	845.0	1151.2	1574.6	1782.6	1983.5
6°	145.0	142.6	145.6	161.8	226.9	392.6	770.1	1152.1	1642.4	1888.0	2073.9
7°	133.7	132.3	134.0	141.6	171.2	306.4	704.3	1144.8	1666.5	1969.8	2163.7
8°	131.4	131.4	131.0	132.2	146.4	259.6	640.7	1134.7	1681.4	2006.7	2253.6
9°	135.6	136.9	134.4	129.7	136.0	212.8	576.5	1131.0	1717.1	2064.9	2368.7
10°	142.6	145.4	141.8	133.5	131.0	166.2	503.1	1114.6	1751.1	2123.6	2451.4
11°	152.0	154.9	150.9	140.0	130.4	149.2	428.8	1096.7	1787.1	2182.3	2559.4
12°	158.4	159.4	158.2	147.8	133.8	139.7	367.1	1077.8	1807.6	2246.4	2689.1
13°	160.5	160.5	161.9	156.3	139.5	133.8	316.6	1051.9	1807.0	2304.0	2792.7
14°	166.1	168.1	168.8	162.6	145.8	130.1	278.0	1032.6	1805.1	2344.9	2904.9
15°	189.2	198.4	190.4	170.1	152.7	128.6	247.5	1005.6	1810.6	2384.5	3001.4
16°	234.4	260.0	231.5	184.8	160.2	128.9	217.0	993.0	1815.8	2448.3	3054.7
17°	287.2	309.0	284.3	209.2	167.2	130.8	186.6	965.6	1819.7	2492.1	3096.0
18°	316.4	322.2	314.2	240.0	175.8	134.5	165.7	947.7	1816.9	2533.5	3012.1
19°	318.2	318.4	317.1	267.8	187.4	139.9	149.9	923.1	1801.4	2575.8	2948.5
20°	311.6	302.1	311.0	285.0	201.5	147.0	138.0	901.8	1803.0	2616.6	2865.2
21°	297.5	285.0	296.9	289.8	216.0	155.2	128.9	887.1	1802.6	2634.3	2785.5
22°	276.0	259.6	277.9	287.7	228.3	163.5	122.9	873.5	1817.4	2643.9	2751.7
23°	254.9	237.7	254.9	276.2	237.1	171.8	118.4	858.2	1818.6	2647.7	2694.2
24°	233.7	215.8	234.6	262.1	240.4	179.0	115.8	848.0	1816.2	2595.8	2749.6
25°	212.5	194.8	214.2	243.0	239.9	185.0	114.3	841.6	1811.7	2512.9	2823.6
26°	194.4	178.0	194.4	223.9	233.4	191.3	113.5	824.3	1826.0	2467.9	2895.9
27°	176.7	161.8	178.0	204.9	226.9	196.6	113.8	814.4	1825.2	2383.8	2954.0
28°	160.1	145.9	159.4	187.0	220.3	200.2	115.1	802.4	1836.6	2301.3	2986.3
29°	144.6	131.8	143.1	168.7	209.8	202.2	117.7	786.2	1831.6	2272.6	3007.5
30°	127.6	110.5	126.4	151.3	197.5	201.0	121.5	774.3	1830.4	2211.4	3034.1
31°	106.1	86.0	106.0	134.9	184.9	198.7	126.0	752.8	1830.5	2175.9	3050.9
32°	86.5	61.7	85.1	119.2	171.6	195.4	131.0	741.1	1812.1	2195.5	3077.5
33°	68.9	50.6	67.5	104.0	156.8	189.9	135.3	729.8	1802.8	2224.4	3086.3
34°	55.7	45.9	54.3	88.0	142.2	182.6	139.3	704.9	1797.6	2253.9	3087.2
35°	45.8	41.9	46.2	73.4	128.8	174.1	143.1	698.6	1786.1	2274.3	3099.9
36°	38.7	38.3	39.3	61.5	115.4	165.0	146.6	670.8	1756.0	2277.7	3104.6
37°	34.9	30.9	35.0	50.7	102.2	155.2	148.7	657.0	1731.3	2276.7	3117.8
38°	29.1	27.2	28.9	41.7	90.4	144.8	149.7	637.2	1713.4	2261.6	3115.4
39°	25.5	19.2	25.0	34.0	77.9	135.1	149.8	620.3	1684.7	2262.4	3117.5
40°	17.9	11.3	17.7	29.0	65.5	125.6	149.0	604.0	1627.8	2261.7	3122.9
41°	10.3	3.4	10.3	24.7	55.0	116.5	146.8	589.6	1574.3	2259.2	3113.6
42°	2.9	0.9	3.1	20.4	45.8	107.1	143.8	572.9	1526.4	2256.2	3124.4
43°	0.9	1.0	0.9	16.2	37.6	98.8	140.0	550.7	1468.4	2255.1	3132.6
44°	1.0	1.0	1.0	12.4	30.3	90.6	136.2	530.5	1396.3	2253.0	3130.0

REPORT NUMBER: P1444965

CATALOG NUMBER: CWP75 (75W-5000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	1.0	1.1	1.0	2.9	24.9	82.6	132.0	508.8	1334.3	2252.2	3130.3
46°	1.1	1.1	1.1	1.0	19.4	74.8	127.1	488.7	1276.3	2242.1	3151.8
47°	1.1	1.2	1.1	1.0	14.0	67.5	121.8	462.9	1213.2	2230.6	3150.8
48°	1.2	1.2	1.2	1.1	9.2	60.3	116.1	439.5	1159.9	2218.0	3153.6
49°	1.2	1.3	1.3	1.1	6.6	52.7	110.2	414.0	1122.3	2203.8	3145.7
50°	1.3	1.4	1.3	1.2	4.1	45.0	103.8	391.3	1097.4	2181.0	3111.7
51°	1.3	1.4	1.4	1.2	1.1	38.0	97.2	366.1	1071.6	2159.0	3146.2
52°	1.4	1.5	1.4	1.3	1.0	31.9	91.0	346.0	1044.7	2134.3	3207.9
53°	1.5	1.6	1.5	1.3	1.0	26.8	85.0	323.2	1012.1	2112.4	3194.3
54°	1.5	1.6	1.6	1.4	1.1	21.7	78.9	305.0	980.4	2072.5	3179.1
55°	1.6	1.7	1.6	1.4	1.1	16.7	72.8	284.9	947.3	2050.8	3160.1
56°	1.6	1.8	1.7	1.5	1.2	12.4	67.0	266.0	916.8	2037.2	3136.9
57°	1.7	1.8	1.8	1.5	1.2	8.5	61.5	250.5	890.0	1995.3	3148.1
58°	1.8	1.9	1.8	1.6	1.2	5.4	56.0	234.1	863.0	1956.9	3170.8
59°	1.9	2.0	1.9	1.7	1.3	3.1	50.8	216.9	843.8	1925.6	3171.9
60°	2.0	2.1	2.0	1.7	1.3	1.1	46.1	203.2	819.2	1891.5	3141.1
61°	2.0	2.2	2.1	1.8	1.4	1.0	41.5	189.4	791.8	1872.3	3107.4
62°	2.1	2.3	2.2	1.9	1.5	1.0	37.2	175.5	766.2	1846.4	3071.1
63°	2.2	2.4	2.3	2.0	1.5	1.0	33.1	165.2	746.0	1819.3	3040.7
64°	2.3	2.4	2.4	2.0	1.6	1.0	29.3	153.7	725.0	1786.6	3039.0
65°	2.4	2.5	2.4	2.1	1.6	1.0	25.3	142.6	702.1	1748.5	3005.1
66°	2.5	2.6	2.5	2.2	1.7	1.1	21.3	133.3	682.3	1708.6	2969.3
67°	2.6	2.7	2.6	2.3	1.7	1.1	17.2	122.1	662.1	1673.1	2951.4
68°	2.7	2.8	2.7	2.3	1.8	1.1	13.6	111.3	640.4	1638.1	2904.7
69°	2.7	2.9	2.8	2.4	1.8	1.2	10.3	102.2	620.2	1606.2	2866.5
70°	2.8	3.0	2.9	2.5	1.9	1.2	7.4	92.9	601.6	1571.0	2819.4
71°	2.9	3.1	3.0	2.6	1.9	1.2	4.8	83.5	578.8	1529.4	2758.1
72°	3.0	3.2	3.0	2.6	2.0	1.3	2.8	74.2	561.8	1487.5	2699.8
73°	3.1	3.2	3.1	2.7	2.0	1.3	1.7	66.8	542.0	1444.7	2658.0
74°	3.2	3.3	3.2	2.8	2.1	1.3	1.3	59.6	521.3	1402.6	2618.0
75°	3.3	3.4	3.3	2.9	2.1	1.3	1.1	52.4	499.9	1362.7	2561.4
76°	3.3	3.5	3.4	2.9	2.2	1.4	0.9	46.0	478.5	1323.0	2505.7
77°	3.4	3.6	3.5	3.0	2.3	1.4	0.9	40.2	459.2	1285.5	2437.4
78°	3.5	3.7	3.5	3.1	2.3	1.5	0.8	34.3	438.8	1241.0	2364.6
79°	3.6	3.8	3.6	3.1	2.4	1.5	0.8	28.9	419.2	1192.1	2301.1
80°	3.7	3.9	3.7	3.2	2.4	1.5	0.8	24.1	398.2	1148.1	2222.7
81°	3.7	3.9	3.8	3.3	2.5	1.6	0.8	19.6	378.3	1103.3	2163.9
82°	3.8	4.0	3.8	3.3	2.5	1.6	0.8	15.5	360.4	1065.1	2097.8
83°	3.9	4.0	3.9	3.4	2.5	1.6	0.8	11.9	343.4	1022.5	2017.2
84°	3.9	4.1	3.9	3.4	2.6	1.6	0.9	9.2	329.8	993.8	1979.7
85°	3.9	4.1	4.0	3.4	2.6	1.7	0.9	6.5	313.6	965.2	1894.6
86°	4.0	4.2	4.0	3.5	2.6	1.7	0.9	3.8	303.1	936.7	1843.6
87°	4.1	4.3	4.1	3.6	2.7	1.7	0.9	2.2	290.8	900.8	1790.5
88°	4.2	4.3	4.2	3.6	2.7	1.8	0.9	1.1	281.9	872.9	1707.7
89°	4.2	4.4	4.2	3.7	2.8	1.8	1.0	0.6	272.5	849.4	1661.2

REPORT NUMBER: P1444965

CATALOG NUMBER: CWP75 (75W-5000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
90°	4.3	4.5	4.3	3.7	2.8	1.8	1.0	0.5	264.6	829.5	1614.2
91°	4.3	4.5	4.4	3.8	2.9	1.8	1.0	0.4	256.3	814.6	1574.2
92°	4.4	4.6	4.4	3.8	2.9	1.9	1.0	0.3	247.4	797.3	1554.8
93°	4.5	4.7	4.5	3.9	2.9	1.9	1.0	0.3	238.5	781.2	1528.5
94°	4.5	4.7	4.5	3.9	3.0	1.9	1.1	0.3	229.3	758.7	1499.7
95°	4.6	4.8	4.6	4.0	3.0	2.0	1.1	0.3	219.8	733.0	1463.4
96°	4.6	4.8	4.6	4.0	3.0	2.0	1.1	0.3	211.2	708.4	1422.5
97°	4.7	4.9	4.7	4.1	3.1	2.0	1.1	0.3	201.8	683.9	1381.0
98°	4.7	4.9	4.7	4.1	3.1	2.1	1.2	0.3	192.8	658.6	1342.3
99°	4.7	5.0	4.8	4.1	3.1	2.1	1.2	0.4	184.9	637.3	1302.5
100°	4.8	5.0	4.8	4.2	3.2	2.1	1.2	0.4	176.7	615.6	1264.6
101°	4.8	5.0	4.8	4.2	3.2	2.1	1.2	0.4	168.0	591.4	1224.7
102°	4.8	5.1	4.9	4.2	3.2	2.2	1.3	0.4	160.0	568.7	1185.7
103°	4.9	5.1	4.9	4.2	3.3	2.2	1.3	0.4	152.4	546.7	1145.3
104°	4.9	5.1	4.9	4.3	3.3	2.2	1.3	0.4	145.8	524.8	1104.7
105°	4.9	5.1	4.9	4.3	3.3	2.2	1.3	0.4	139.2	502.8	1064.6
106°	4.9	5.1	4.9	4.3	3.3	2.2	1.3	0.4	132.5	481.9	1022.5
107°	4.9	5.1	4.9	4.2	3.3	2.2	1.3	0.4	126.9	462.2	985.7
108°	4.9	5.1	4.9	4.2	3.3	2.2	1.4	0.4	121.6	443.2	948.9
109°	4.8	5.1	4.9	4.2	3.3	2.3	1.4	0.4	116.8	425.7	912.1
110°	4.8	5.1	4.9	4.3	3.3	2.3	1.4	0.4	112.0	408.6	874.8
111°	4.9	5.1	4.9	4.3	3.3	2.3	1.4	0.4	107.6	391.8	839.7
112°	4.8	5.1	4.9	4.2	3.3	2.3	1.4	0.4	103.2	375.4	804.8
113°	4.7	5.0	4.8	4.2	3.3	2.3	1.4	0.4	98.3	358.1	770.4
114°	4.6	4.9	4.7	4.1	3.2	2.3	1.4	0.4	93.4	341.3	738.3
115°	4.6	4.8	4.7	4.1	3.2	2.3	1.5	0.4	88.5	324.9	705.2
116°	4.6	4.8	4.6	4.1	3.2	2.3	1.5	0.4	83.9	310.0	674.3
117°	4.5	4.8	4.6	4.0	3.2	2.3	1.5	0.4	79.5	296.8	644.7
118°	4.5	4.7	4.6	4.0	3.2	2.3	1.5	0.4	74.8	283.9	614.7
119°	4.5	4.7	4.6	4.0	3.2	2.3	1.5	0.5	70.0	271.0	586.4
120°	4.5	4.7	4.6	4.0	3.2	2.4	1.6	0.5	65.3	258.6	559.9
121°	4.4	4.7	4.6	4.0	3.2	2.4	1.6	0.5	61.3	245.8	533.8
122°	4.4	4.7	4.5	4.0	3.3	2.4	1.6	0.5	57.9	232.7	507.8
123°	4.4	4.7	4.5	4.1	3.3	2.5	1.7	0.5	55.3	219.9	482.4
124°	4.4	4.7	4.6	4.1	3.3	2.5	1.7	0.5	53.2	206.8	457.3
125°	4.4	4.7	4.6	4.1	3.4	2.5	1.7	0.5	51.4	194.6	435.2
126°	4.4	4.7	4.6	4.1	3.4	2.6	1.8	0.6	49.6	184.1	415.8
127°	4.4	4.7	4.6	4.1	3.4	2.6	1.8	0.6	47.6	174.5	394.8
128°	4.4	4.7	4.6	4.2	3.5	2.7	1.9	0.6	46.0	166.4	374.4
129°	4.4	4.7	4.6	4.2	3.5	2.7	1.9	0.6	44.7	159.8	355.9
130°	4.4	4.7	4.6	4.2	3.5	2.7	1.9	0.6	43.5	155.0	336.4
131°	4.4	4.7	4.6	4.2	3.6	2.8	2.0	0.7	42.3	150.3	318.6
132°	4.4	4.7	4.6	4.2	3.6	2.8	2.0	0.7	41.2	143.5	300.9
133°	4.4	4.7	4.6	4.3	3.6	2.9	2.1	0.7	39.8	135.5	284.3
134°	4.4	4.7	4.6	4.3	3.7	2.9	2.1	0.8	38.0	127.7	267.9

REPORT NUMBER: P1444965

CATALOG NUMBER: CWP75 (75W-5000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
135°	4.4	4.7	4.6	4.3	3.7	2.9	2.2	0.8	36.4	120.7	252.4
136°	4.4	4.7	4.6	4.3	3.7	3.0	2.2	0.8	34.7	114.4	236.8
137°	4.4	4.6	4.6	4.3	3.7	3.0	2.2	0.8	32.7	108.7	222.0
138°	4.4	4.6	4.6	4.3	3.7	3.0	2.3	0.9	30.6	103.5	207.9
139°	4.4	4.6	4.6	4.3	3.7	3.0	2.3	0.9	28.6	99.0	195.2
140°	4.4	4.6	4.6	4.3	3.8	3.1	2.3	0.9	26.7	94.4	183.5
141°	4.4	4.6	4.6	4.3	3.8	3.1	2.4	1.0	24.8	89.9	172.2
142°	4.3	4.6	4.5	4.3	3.8	3.1	2.4	1.0	22.9	86.4	162.5
143°	4.3	4.5	4.5	4.3	3.8	3.1	2.5	1.1	20.9	83.6	154.1
144°	4.3	4.5	4.5	4.3	3.8	3.2	2.5	1.1	19.0	80.5	146.6
145°	4.3	4.5	4.5	4.3	3.8	3.2	2.6	1.1	17.2	77.0	139.1
146°	4.2	4.5	4.4	4.2	3.8	3.2	2.7	1.2	15.4	72.8	131.5
147°	4.2	4.4	4.4	4.2	3.8	3.3	2.7	1.2	13.8	68.3	124.5
148°	4.2	4.4	4.4	4.2	3.8	3.3	2.8	1.3	12.1	63.9	118.1
149°	4.1	4.3	4.3	4.1	3.8	3.3	2.8	1.3	10.7	59.9	112.2
150°	4.0	4.2	4.2	4.1	3.8	3.3	2.9	1.4	9.4	56.1	105.8
151°	4.0	4.2	4.2	4.0	3.8	3.4	2.9	1.4	8.1	52.4	99.3
152°	3.9	4.1	4.1	4.0	3.8	3.4	3.0	1.5	7.0	48.9	92.9
153°	3.8	4.0	4.0	3.9	3.7	3.4	3.0	1.5	5.8	45.6	86.5
154°	3.7	3.9	3.9	3.8	3.7	3.4	3.1	1.6	4.7	42.2	80.4
155°	3.6	3.7	3.8	3.8	3.6	3.4	3.1	1.6	3.5	38.8	74.3
156°	3.5	3.6	3.7	3.7	3.6	3.4	3.2	1.7	2.5	35.4	68.4
157°	3.4	3.5	3.6	3.6	3.6	3.4	3.2	1.7	1.7	31.9	62.5
158°	3.3	3.4	3.5	3.5	3.5	3.4	3.2	1.8	1.6	28.5	56.9
159°	3.2	3.3	3.4	3.4	3.4	3.4	3.2	1.8	1.7	25.2	51.5
160°	3.1	3.2	3.3	3.3	3.3	3.3	3.2	1.9	1.9	22.2	46.4
161°	3.0	3.0	3.1	3.2	3.2	3.2	3.2	1.9	1.8	19.2	41.6
162°	2.9	2.9	3.0	3.0	3.1	3.1	3.1	2.0	1.8	16.2	37.0
163°	2.8	2.8	2.8	2.9	3.0	3.0	3.1	2.0	1.8	12.9	32.6
164°	2.7	2.6	2.6	2.7	2.8	2.9	3.0	2.0	1.9	10.1	28.2
165°	2.6	2.5	2.5	2.6	2.7	2.8	2.9	2.1	1.9	7.3	24.3
166°	2.5	2.4	2.3	2.4	2.6	2.7	2.9	2.1	2.0	4.5	20.2
167°	2.4	2.3	2.2	2.3	2.4	2.6	2.8	2.1	2.0	2.6	16.1
168°	2.3	2.2	2.1	2.1	2.3	2.5	2.7	2.2	2.0	1.9	11.9
169°	2.2	2.1	2.0	2.0	2.2	2.4	2.6	2.2	2.1	2.0	8.6
170°	2.2	2.0	1.9	1.9	2.1	2.3	2.6	2.2	2.1	1.9	5.4
171°	2.1	2.0	1.9	1.9	2.0	2.2	2.5	2.2	2.1	1.9	2.1
172°	2.1	1.9	1.8	1.8	2.0	2.2	2.5	2.3	2.1	2.0	1.9
173°	2.1	1.9	1.8	1.8	1.9	2.1	2.4	2.3	2.2	2.0	1.8
174°	2.1	1.9	1.7	1.8	1.9	2.1	2.4	2.3	2.2	2.1	1.9
175°	2.1	1.9	1.7	1.7	1.8	2.1	2.3	2.3	2.2	2.1	1.9
176°	2.0	1.8	1.7	1.7	1.8	2.0	2.2	2.4	2.3	2.1	2.0
177°	2.0	1.8	1.7	1.7	1.8	1.9	2.1	2.4	2.3	2.2	2.0
178°	2.0	1.8	1.7	1.6	1.7	1.8	2.0	2.5	2.4	2.2	2.1
179°	2.0	1.8	1.7	1.6	1.7	1.8	2.0	2.5	2.4	2.3	2.1



REPORT NUMBER: P1444965
CATALOG NUMBER: CWP75 (75W-5000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
180°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7

REPORT NUMBER: P1444965

CATALOG NUMBER: CWP75 (75W-5000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	1197.6	1197.6	1197.6
1°	1463.6	1518.1	1541.6
2°	1685.7	1719.2	1734.1
3°	1809.5	1897.2	1928.6
4°	1975.3	2027.2	2068.0
5°	2095.7	2155.9	2205.8
6°	2214.8	2284.6	2343.6
7°	2333.9	2449.5	2496.0
8°	2465.1	2600.2	2673.7
9°	2607.4	2777.6	2846.8
10°	2759.0	2943.2	3024.4
11°	2900.4	3111.8	3179.5
12°	3052.7	3228.5	3290.1
13°	3154.5	3283.3	3257.0
14°	3229.8	3215.6	3236.3
15°	3157.7	3149.2	3135.6
16°	3127.7	3121.0	3125.8
17°	3017.9	3071.0	3116.9
18°	3018.9	3141.8	3253.9
19°	2957.8	3263.3	3362.6
20°	3035.6	3381.3	3471.0
21°	3144.0	3478.7	3567.3
22°	3254.0	3570.5	3650.9
23°	3334.3	3627.9	3711.0
24°	3394.3	3681.7	3768.5
25°	3444.0	3751.5	3850.5
26°	3503.2	3824.3	3922.9
27°	3555.5	3874.7	3971.9
28°	3614.5	3919.2	4037.5
29°	3655.0	3978.2	4123.1
30°	3694.8	4049.5	4169.9
31°	3728.4	4095.9	4203.6
32°	3772.9	4129.3	4232.8
33°	3811.7	4157.5	4266.5
34°	3828.1	4211.9	4338.2
35°	3875.3	4266.7	4397.1
36°	3908.1	4322.9	4439.9
37°	3927.7	4349.1	4446.6
38°	3950.7	4399.1	4550.3
39°	3969.7	4429.7	4505.6
40°	3978.9	4445.1	4575.5
41°	3972.7	4522.8	4682.5
42°	3998.9	4536.3	4547.4
43°	4015.9	4525.8	4715.8
44°	3987.2	4558.7	4585.2

REPORT NUMBER: P1444965

CATALOG NUMBER: CWP75 (75W-5000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	4008.7	4370.3	4234.8
46°	3976.7	4363.4	4829.0
47°	3886.4	4794.6	5140.6
48°	3953.4	4855.4	4675.0
49°	4073.8	4565.4	4659.3
50°	4038.2	4541.7	4745.3
51°	4016.0	4528.8	4589.9
52°	4017.5	4509.4	4912.6
53°	3930.4	4772.6	5177.4
54°	3962.2	4877.7	4960.4
55°	4059.7	4715.6	4869.9
56°	4068.6	4692.4	4957.8
57°	4081.0	4703.1	4833.3
58°	4074.2	4579.1	4737.2
59°	4011.9	4541.0	4812.9
60°	3981.9	4591.9	4780.6
61°	3979.6	4533.3	4686.4
62°	3971.9	4492.3	4732.7
63°	3945.1	4525.8	4671.9
64°	3945.9	4439.9	4564.0
65°	3921.9	4328.2	4471.8
66°	3857.2	4291.2	4457.8
67°	3785.9	4221.1	4355.0
68°	3742.0	4091.3	4252.8
69°	3677.4	4061.4	4250.2
70°	3607.5	3999.2	4158.2
71°	3555.7	3989.2	4189.1
72°	3519.3	3898.3	4012.9
73°	3457.4	3826.8	4009.8
74°	3375.7	3758.1	3905.8
75°	3316.9	3678.1	3833.2
76°	3227.2	3560.1	3708.1
77°	3145.0	3527.2	3681.8
78°	3081.5	3417.2	3578.8
79°	2980.9	3340.5	3498.5
80°	2899.3	3284.6	3437.5
81°	2852.1	3217.2	3360.9
82°	2740.5	3096.2	3239.6
83°	2658.6	3026.1	3168.6
84°	2625.5	3005.4	3150.8
85°	2520.9	2884.3	3023.8
86°	2438.3	2772.5	2908.4
87°	2401.9	2738.6	2872.7
88°	2290.8	2656.9	2801.2
89°	2195.4	2533.7	2667.9

REPORT NUMBER: P1444965

CATALOG NUMBER: CWP75 (75W-5000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
90°	2158.8	2472.8	2582.6
91°	2085.7	2423.8	2546.7
92°	2023.3	2333.0	2462.0
93°	2006.9	2267.7	2378.5
94°	1979.4	2258.4	2355.1
95°	1943.6	2228.9	2333.7
96°	1905.4	2184.2	2286.6
97°	1857.7	2145.8	2250.9
98°	1820.4	2093.8	2196.3
99°	1780.0	2061.7	2152.9
100°	1734.4	2019.1	2129.8
101°	1694.4	1975.7	2075.3
102°	1655.5	1936.7	2033.4
103°	1612.7	1894.1	1993.7
104°	1568.2	1851.4	1949.1
105°	1522.0	1805.5	1905.9
106°	1477.1	1760.5	1860.4
107°	1431.2	1713.4	1812.3
108°	1383.9	1664.8	1762.4
109°	1338.6	1614.7	1714.3
110°	1295.8	1566.7	1661.4
111°	1251.5	1516.7	1610.5
112°	1207.2	1469.0	1562.8
113°	1167.6	1421.7	1513.0
114°	1127.4	1375.8	1464.3
115°	1085.8	1330.8	1417.8
116°	1048.3	1286.3	1372.0
117°	1009.3	1243.2	1326.5
118°	973.3	1200.3	1281.4
119°	937.3	1157.6	1237.5
120°	901.3	1114.7	1195.9
121°	865.1	1073.5	1152.5
122°	830.6	1034.6	1108.7
123°	795.1	996.1	1067.4
124°	759.3	957.6	1027.9
125°	725.6	919.1	989.1
126°	691.4	880.6	950.3
127°	658.2	844.2	911.4
128°	626.2	806.5	871.2
129°	593.8	769.6	832.2
130°	562.7	733.7	793.8
131°	532.5	695.9	757.2
132°	501.0	661.3	720.0
133°	471.3	627.2	684.2
134°	442.9	592.5	648.9

REPORT NUMBER: P1444965

CATALOG NUMBER: CWP75 (75W-5000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
135°	414.6	560.2	613.8
136°	386.8	527.5	581.0
137°	360.9	495.5	547.1
138°	336.2	466.2	515.8
139°	313.6	435.7	484.8
140°	293.2	405.2	453.3
141°	271.9	373.8	421.3
142°	251.1	342.7	389.3
143°	231.1	311.7	356.0
144°	212.5	281.5	323.2
145°	194.6	252.5	289.9
146°	178.5	225.4	257.3
147°	164.0	201.6	225.8
148°	151.4	179.9	196.1
149°	141.1	161.9	171.1
150°	133.8	151.0	156.1
151°	128.1	147.3	154.2
152°	122.4	144.0	152.9
153°	115.2	137.3	145.8
154°	107.8	128.8	136.8
155°	101.6	119.7	127.2
156°	93.7	110.8	117.7
157°	85.7	102.9	109.0
158°	79.2	95.2	100.2
159°	72.8	87.6	92.6
160°	66.3	80.0	85.0
161°	60.3	72.9	77.4
162°	54.5	66.2	70.4
163°	49.1	59.8	63.8
164°	43.9	53.7	57.4
165°	38.6	48.0	51.3
166°	33.0	42.2	45.5
167°	27.7	35.8	38.8
168°	22.9	29.7	32.4
169°	17.8	24.3	26.5
170°	12.9	18.5	20.6
171°	9.2	13.2	15.0
172°	5.5	9.3	10.6
173°	1.8	5.5	6.2
174°	1.8	1.7	1.8
175°	1.7	1.6	1.6
176°	1.8	1.7	1.6
177°	1.8	1.7	1.7
178°	1.9	1.8	1.7
179°	1.9	1.8	1.7

REPORT NUMBER: P1444965

CATALOG NUMBER: CWP75 (75W-5000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	1.7	1.7	1.7

(END OF REPORT)