

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: P1444963

Luminaire Tested: CWP75 (75W-3000K)

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2024
Report Number: P1444963
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-3000K)
Description: COMPACT WALL PACK, 75W
SET TO 75W, 3000K CCT
Light Source: 3000K/5000K CCT, 80 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9433.2 lumens
Efficiency: N/A
Efficacy: 124.3 lumens/watt
Luminous Opening: Point Source (0m x 0m x 0m)
IES Classification: Type IV - Short
BUG Rating: B0 - U5 - G5

Input Watts (W): 75.9
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



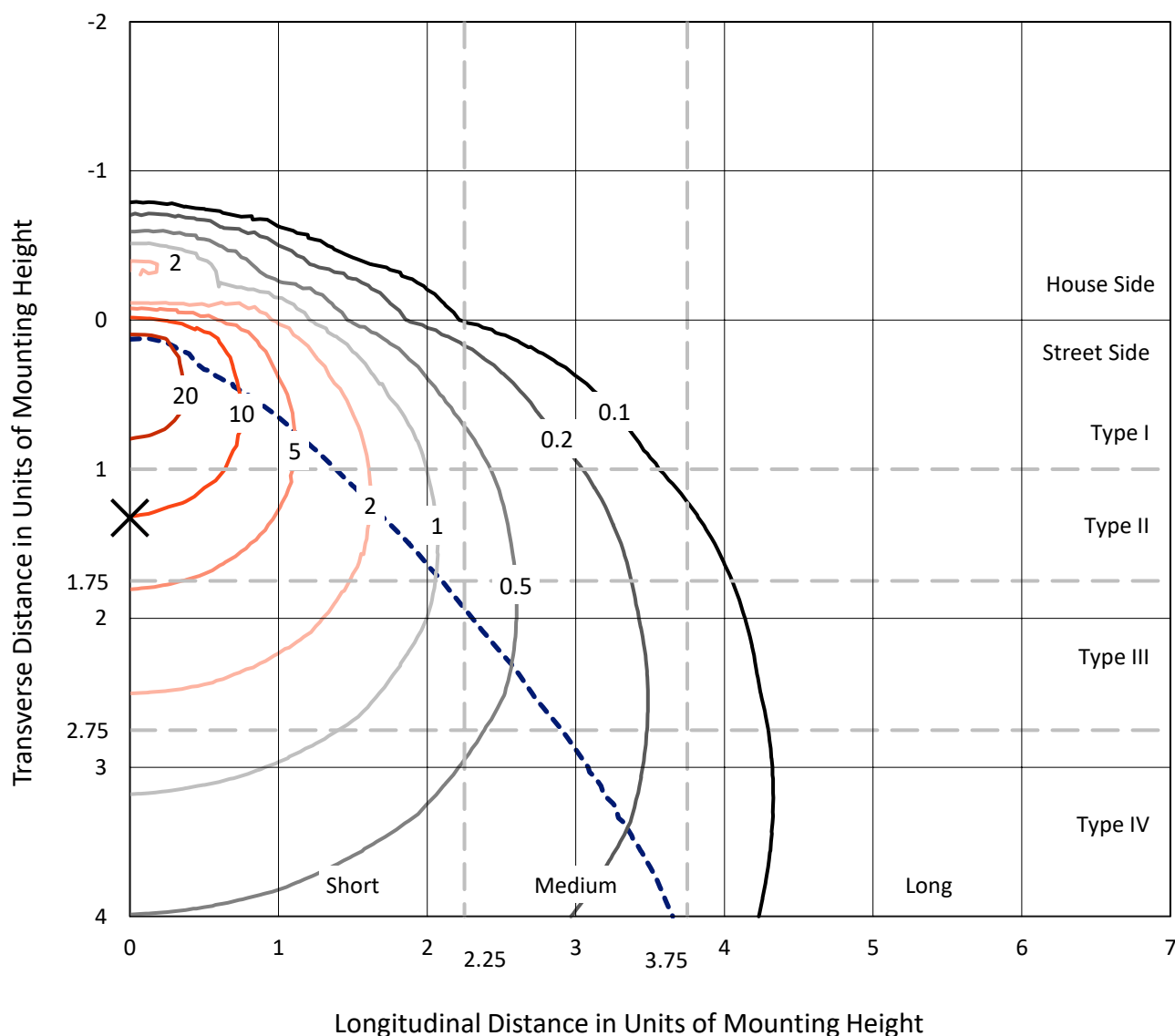
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CATALOG NUMBER: CWP75 (75W-3000K)

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



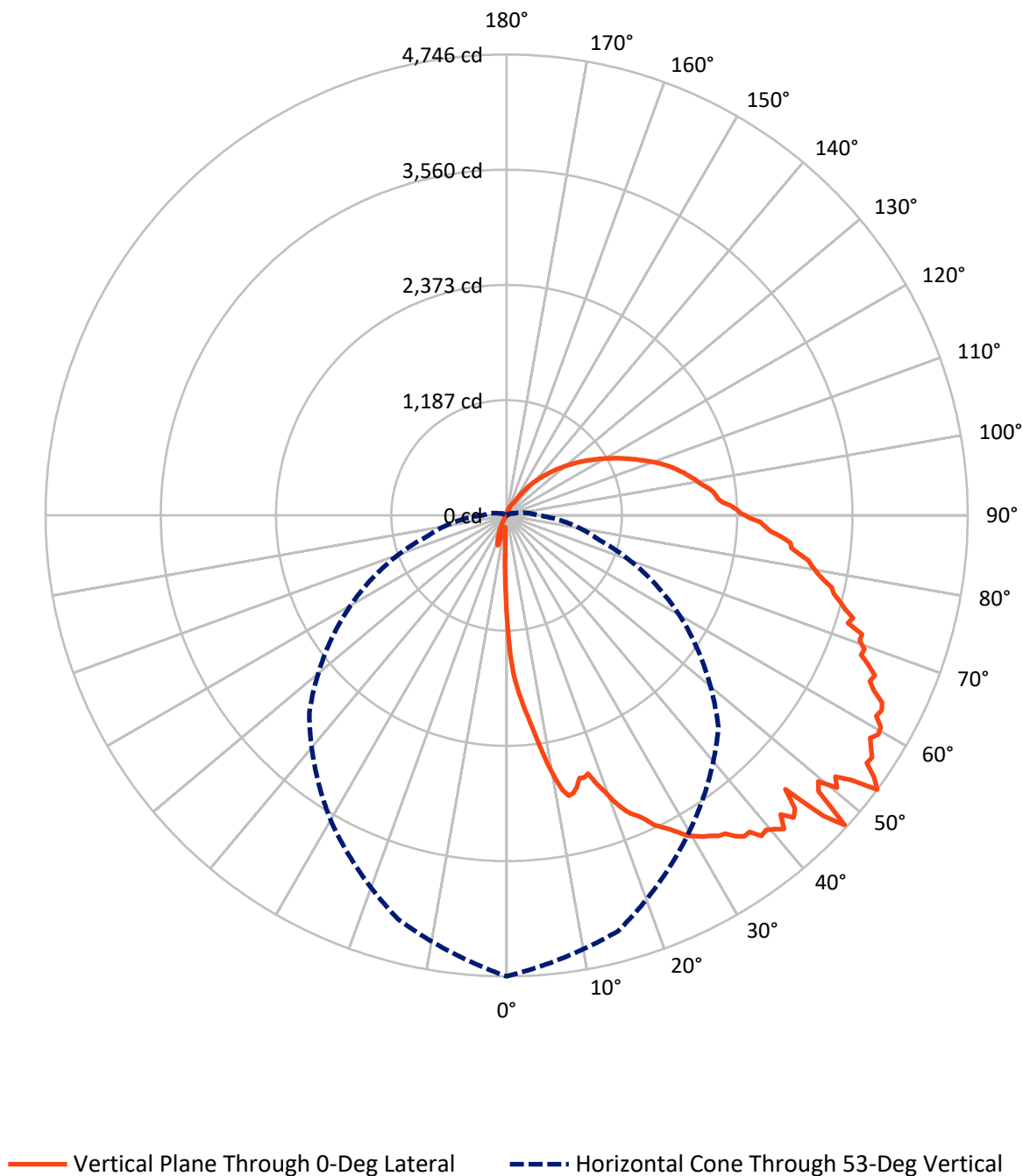
Based on 10 foot mounting height. Maximum calculated value = 26.3 fc

Type IV - Short - N/A

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Luminous Intensity Polar Plot



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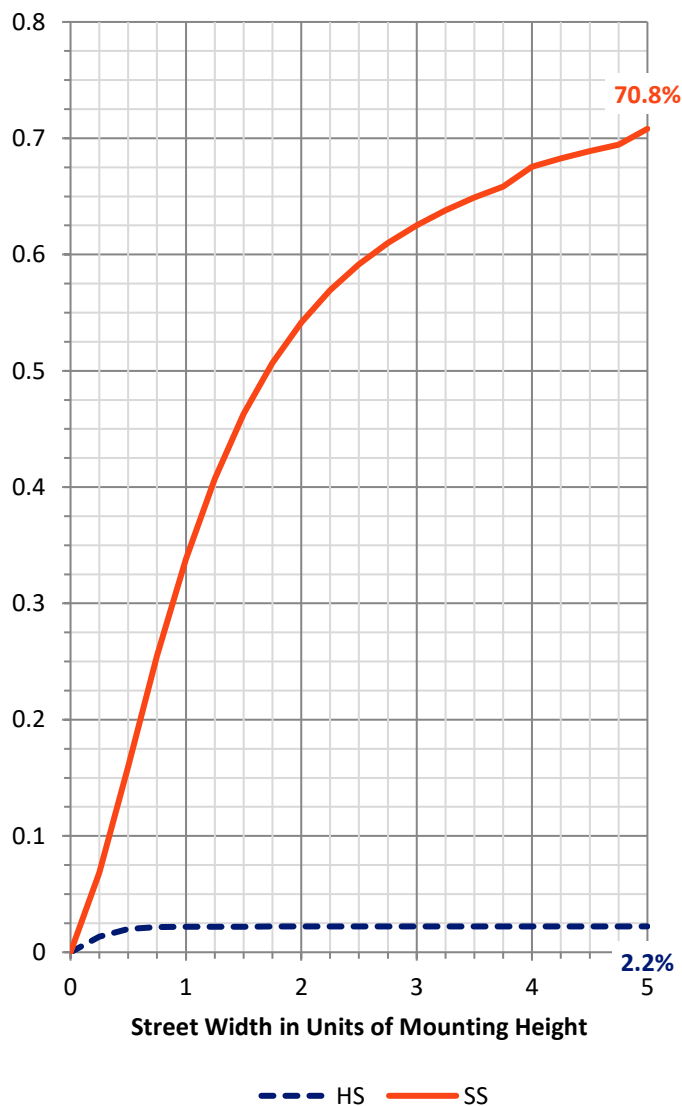
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	212.4	9.0	221.4
	% Fixture	2.3	0.1	2.3
Street Side	Lumens	7328.6	1883.2	9211.8
	% Fixture	77.7	20.0	97.7
Total	Lumens	7541.0	1892.2	9433.2
	% Fixture	79.9	20.1	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	108.1	1.1
10°-20°	371.1	3.9
20°-30°	646.1	6.8
30°-40°	906.5	9.6
40°-50°	1096.7	11.6
50°-60°	1223.0	13.0
60°-70°	1229.8	13.0
70°-80°	1094.7	11.6
80°-90°	864.9	9.2
90°-100°	660.8	7.0
100°-110°	504.0	5.3
110°-120°	342.3	3.6
120°-130°	208.7	2.2
130°-140°	110.2	1.2
140°-150°	45.4	0.5
150°-160°	16.2	0.2
160°-170°	4.2	0.0
170°-180°	0.3	0.0
0°-90°	7541.0	79.9
0°-180°	9433.2	100.0

Coefficient of Utilization



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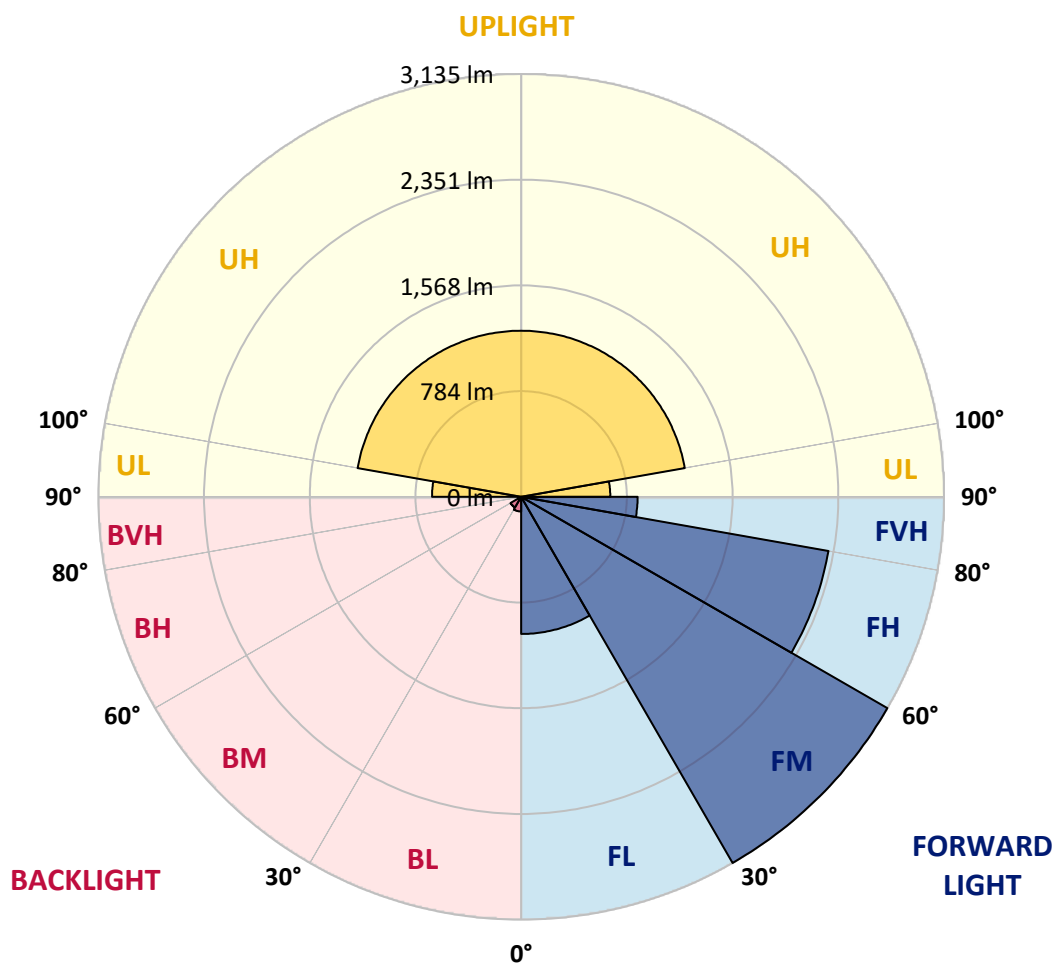
CATALOG NUMBER: CWP75 (75W-3000K)

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1016.5	10.8			
FM	(30°-60°)	3135.1	33.2			
FH	(60°-80°)	2313.6	24.5			G2/5000
FVH	(80°-90°)	863.4	9.2			G5
BL	(0°-30°)	108.8	1.2	B0/110		
BM	(30°-60°)	91.2	1.0	B0/220		
BH	(60°-80°)	10.9	0.1	B0/110		G0/110
BVH	(80°-90°)	1.6	0.0			G0/10
UL	(90°-100°)	660.8	7.0		U4/1000	
UH	(100°-180°)	1231.3	13.1		U5	

BUG Rating: B0-U5-G5

Type IV Short



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CATALOG NUMBER: CWP75 (75W-3000K)

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	1139.9	1139.9	1139.9	1139.9	1139.9	1139.9	1139.9	1139.9	1139.9	1139.9	1139.9
1°	1426.2	1425.3	1399.8	1361.0	1302.2	1241.1	1093.8	1025.3	954.7	901.0	862.8
2°	1635.0	1628.2	1607.2	1557.7	1457.0	1313.3	1101.9	943.0	809.6	721.3	653.0
3°	1773.5	1754.2	1714.1	1654.9	1576.3	1385.9	1101.2	866.0	695.0	529.8	408.3
4°	1895.0	1884.9	1867.2	1760.1	1645.8	1467.0	1102.6	795.7	557.5	358.5	271.9
5°	2019.9	2006.7	1969.0	1873.3	1710.6	1536.7	1104.4	739.0	419.9	256.6	176.5
6°	2144.9	2128.3	2070.7	1955.0	1796.4	1580.4	1098.5	671.8	326.1	179.0	138.9
7°	2289.9	2277.4	2172.4	2036.6	1856.2	1627.8	1105.8	603.8	269.1	142.7	126.2
8°	2445.1	2420.8	2309.1	2118.1	1913.5	1646.5	1099.9	528.4	212.1	129.5	121.2
9°	2611.9	2583.3	2438.1	2212.3	1967.8	1665.1	1092.5	456.3	156.5	123.0	124.0
10°	2756.8	2731.9	2574.2	2326.5	2022.0	1705.0	1091.7	396.0	139.0	122.7	129.3
11°	2887.0	2860.4	2700.2	2423.4	2076.1	1739.9	1083.2	345.3	130.8	126.4	135.6
12°	2956.4	2939.1	2813.9	2522.7	2136.4	1764.2	1081.1	303.1	125.8	131.3	143.7
13°	2940.8	2981.1	2897.7	2624.2	2198.3	1783.5	1067.0	265.0	123.8	137.1	151.3
14°	2888.0	2899.0	2955.1	2711.1	2257.6	1782.9	1040.8	231.0	124.0	144.2	160.1
15°	2805.8	2859.8	2898.1	2799.7	2315.7	1769.9	1026.5	196.9	125.8	152.7	177.4
16°	2815.1	2804.4	2845.1	2846.8	2367.2	1782.7	1012.7	170.1	128.8	162.0	205.8
17°	2787.3	2772.1	2750.5	2863.1	2403.8	1785.4	991.2	149.5	132.8	173.9	241.2
18°	2908.6	2820.9	2733.4	2802.9	2459.3	1782.0	973.1	136.4	138.2	189.3	273.1
19°	3014.0	2941.6	2685.2	2723.0	2481.4	1779.0	948.0	127.7	145.9	207.2	293.3
20°	3138.5	3061.2	2763.5	2632.6	2510.3	1767.3	929.6	122.0	154.2	224.4	298.7
21°	3236.4	3158.2	2884.6	2570.1	2524.9	1770.9	922.6	118.4	163.9	239.5	291.3
22°	3318.7	3239.3	2977.2	2541.8	2511.5	1797.0	900.0	115.9	174.1	249.7	281.2
23°	3371.0	3315.8	3067.4	2506.4	2482.3	1788.4	884.8	114.2	183.4	253.8	262.8
24°	3438.0	3384.1	3137.7	2563.7	2433.9	1787.5	865.8	114.0	193.4	252.5	244.4
25°	3529.8	3450.3	3210.2	2645.6	2371.3	1786.6	852.3	114.6	201.2	247.4	225.5
26°	3585.9	3511.4	3279.8	2705.2	2289.4	1790.9	848.0	116.5	207.9	240.2	206.6
27°	3645.2	3568.4	3333.3	2760.1	2224.9	1812.6	833.7	119.9	211.6	228.5	188.5
28°	3715.3	3633.2	3396.3	2813.4	2155.5	1810.5	813.5	123.7	212.7	216.7	170.3
29°	3790.8	3701.6	3434.0	2857.2	2120.9	1809.8	804.4	128.1	212.1	204.9	153.1
30°	3832.8	3761.4	3478.2	2890.4	2067.9	1805.5	788.4	133.8	209.4	191.1	135.4
31°	3879.2	3816.0	3532.0	2915.7	2059.2	1798.8	777.3	139.5	204.8	175.4	119.0
32°	3911.2	3869.2	3570.1	2934.8	2092.5	1798.3	758.6	145.2	198.0	160.5	103.3
33°	3955.9	3898.7	3610.2	2959.6	2129.8	1789.1	732.8	150.9	190.5	145.5	88.5
34°	3974.5	3918.8	3647.4	2981.9	2142.7	1757.9	718.3	155.6	181.5	130.6	75.0
35°	4058.4	3966.5	3678.1	2994.2	2162.4	1742.8	699.8	159.4	172.0	117.4	62.9
36°	4111.2	4025.9	3698.0	2993.0	2181.6	1708.9	682.1	162.0	161.9	104.6	52.5
37°	4107.6	4043.3	3740.6	3006.7	2189.1	1674.1	657.4	164.0	151.6	92.5	42.7
38°	4215.1	4100.6	3762.0	3010.5	2185.0	1640.8	631.0	164.7	140.8	80.6	35.3
39°	4198.7	4132.3	3771.8	3016.8	2186.7	1590.9	614.6	163.7	130.6	68.8	29.9
40°	4248.6	4133.0	3800.2	3014.0	2185.7	1538.8	589.7	161.2	120.8	57.9	25.7
41°	4308.8	4196.4	3787.7	3009.8	2193.7	1486.8	574.5	157.5	111.3	49.0	21.5
42°	4176.7	4157.8	3818.2	3024.0	2186.8	1436.3	553.2	152.7	102.0	40.9	17.3
43°	4289.7	4149.9	3836.4	3027.6	2189.7	1377.7	534.0	147.8	93.0	33.0	14.9
44°	4234.6	4209.0	3798.9	3035.6	2194.0	1318.8	515.8	142.0	84.5	26.9	10.7

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CATALOG NUMBER: CWP75 (75W-3000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	4022.3	4038.3	3812.4	3044.2	2193.7	1266.1	493.3	136.1	76.5	22.0	1.2
46°	4489.8	4088.4	3776.9	3041.7	2189.6	1211.2	474.7	129.8	68.9	17.1	0.8
47°	4717.2	4476.1	3704.1	3034.5	2184.7	1158.4	453.2	123.5	61.7	12.1	0.9
48°	4287.4	4449.2	3810.7	3043.1	2170.7	1120.4	434.6	117.0	55.0	8.0	0.9
49°	4220.0	4170.6	3935.2	3022.2	2153.6	1093.8	411.5	110.3	47.6	6.0	1.0
50°	4406.0	4212.2	3867.1	2992.6	2138.5	1068.5	387.2	103.7	40.6	3.4	1.0
51°	4323.7	4256.9	3809.5	3063.2	2109.5	1045.5	364.5	97.2	34.4	0.8	1.1
52°	4474.1	4221.8	3827.4	3112.2	2086.7	1020.1	345.2	90.8	28.8	0.8	1.1
53°	4746.2	4431.4	3761.1	3082.4	2053.5	991.7	321.5	84.7	24.3	0.9	1.2
54°	4644.9	4544.7	3786.8	3047.3	2014.6	962.1	302.1	78.7	19.8	0.9	1.2
55°	4498.4	4413.1	3918.1	3041.7	2016.6	934.9	284.0	72.8	15.4	0.9	1.3
56°	4512.7	4357.7	3942.9	3028.0	2011.8	909.1	268.6	67.0	11.7	1.0	1.3
57°	4447.3	4352.5	3916.6	3043.2	1965.8	882.3	251.5	61.1	8.2	1.0	1.4
58°	4387.3	4285.9	3888.3	3070.3	1914.0	857.4	236.8	55.5	5.5	1.1	1.4
59°	4440.8	4274.8	3835.6	3068.6	1883.5	842.5	222.0	50.2	3.0	1.1	1.5
60°	4426.7	4310.3	3796.0	3034.9	1855.5	825.5	207.3	45.2	0.9	1.1	1.6
61°	4328.4	4234.8	3809.3	2991.9	1837.9	799.4	195.4	40.5	0.8	1.2	1.6
62°	4352.3	4188.3	3816.3	2961.3	1824.1	772.2	183.0	36.2	0.8	1.3	1.7
63°	4318.6	4199.1	3787.4	2940.6	1792.7	753.3	171.5	32.1	0.8	1.3	1.8
64°	4186.4	4114.9	3779.4	2920.5	1758.1	732.6	161.4	28.4	0.8	1.4	1.8
65°	4110.1	3997.1	3759.0	2881.8	1714.8	716.6	149.6	24.4	0.9	1.4	1.9
66°	4132.2	3988.0	3683.2	2865.0	1682.6	698.3	139.6	20.5	0.9	1.5	2.0
67°	4034.0	3967.5	3608.8	2847.7	1651.1	676.2	129.6	16.5	0.9	1.5	2.0
68°	3922.1	3831.9	3581.9	2807.8	1623.1	654.8	119.7	13.1	1.0	1.6	2.1
69°	3932.0	3809.9	3497.8	2755.2	1589.1	634.6	109.8	10.0	1.0	1.6	2.2
70°	3856.5	3740.5	3440.2	2721.3	1563.9	616.9	100.2	7.1	1.0	1.7	2.2
71°	3858.4	3734.4	3405.4	2670.0	1520.9	598.5	91.5	4.7	1.1	1.7	2.3
72°	3684.3	3604.7	3373.5	2624.0	1483.3	580.1	82.9	2.7	1.1	1.8	2.4
73°	3718.3	3565.2	3291.9	2581.0	1445.2	559.8	74.6	1.6	1.1	1.8	2.5
74°	3616.1	3508.0	3231.3	2549.8	1400.2	539.5	67.0	1.2	1.2	1.9	2.5
75°	3543.0	3433.0	3160.5	2475.7	1368.4	517.9	60.0	1.0	1.2	1.9	2.6
76°	3464.5	3358.2	3070.8	2439.6	1338.1	499.5	53.1	0.8	1.2	2.0	2.7
77°	3427.8	3329.0	2991.8	2374.1	1293.9	478.1	46.8	0.8	1.3	2.0	2.7
78°	3328.0	3225.8	2949.6	2310.3	1252.8	459.8	40.6	0.7	1.3	2.1	2.8
79°	3251.6	3139.4	2849.8	2262.9	1214.0	440.4	34.9	0.7	1.3	2.2	2.9
80°	3189.9	3063.9	2779.4	2185.3	1171.6	421.0	29.5	0.7	1.4	2.2	2.9
81°	3140.0	3021.5	2745.9	2119.7	1131.7	400.2	24.8	0.7	1.4	2.3	3.0
82°	3036.2	2932.3	2642.7	2084.6	1090.5	381.3	20.0	0.7	1.4	2.3	3.0
83°	2950.7	2839.2	2546.3	1994.2	1052.9	364.8	15.3	0.7	1.5	2.3	3.1
84°	2934.4	2820.4	2508.4	1946.2	1014.8	346.8	11.7	0.7	1.5	2.4	3.1
85°	2837.7	2723.7	2435.2	1894.4	988.0	333.8	8.4	0.8	1.5	2.4	3.1
86°	2728.3	2622.6	2333.9	1813.1	954.1	319.4	5.7	0.8	1.6	2.4	3.2
87°	2663.2	2561.6	2279.5	1766.0	919.9	306.0	3.6	0.8	1.6	2.5	3.3
88°	2612.2	2507.8	2212.8	1690.6	885.7	295.5	2.1	0.8	1.6	2.5	3.3
89°	2494.1	2396.4	2121.5	1635.6	862.0	285.3	1.3	0.9	1.7	2.6	3.4

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CATALOG NUMBER: CWP75 (75W-3000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	2410.8	2320.9	2069.9	1591.5	836.6	277.6	0.9	0.9	1.7	2.6	3.4
91°	2368.2	2281.8	2016.1	1539.5	823.2	270.1	0.7	0.9	1.7	2.7	3.5
92°	2308.0	2211.4	1939.1	1513.0	808.2	261.5	0.7	0.9	1.8	2.7	3.5
93°	2223.9	2136.6	1908.4	1493.9	793.1	253.1	0.6	0.9	1.8	2.7	3.6
94°	2182.7	2110.9	1890.5	1471.4	773.7	244.0	0.5	1.0	1.8	2.8	3.6
95°	2164.4	2093.6	1863.4	1441.0	749.9	234.3	0.5	1.0	1.9	2.8	3.6
96°	2139.7	2063.1	1832.6	1403.4	724.0	225.3	0.4	1.0	1.9	2.8	3.7
97°	2106.0	2029.5	1789.1	1357.3	699.6	216.1	0.4	1.0	1.9	2.9	3.7
98°	2058.9	1982.6	1745.3	1323.8	676.4	206.8	0.4	1.0	1.9	2.9	3.7
99°	2014.7	1941.6	1710.7	1286.9	654.1	198.2	0.4	1.1	2.0	2.9	3.8
100°	1985.8	1915.0	1670.9	1251.1	633.0	190.1	0.5	1.1	2.0	2.9	3.8
101°	1946.4	1872.8	1634.1	1217.3	609.7	181.6	0.5	1.1	2.0	3.0	3.8
102°	1909.0	1837.7	1599.6	1178.4	587.3	172.9	0.5	1.1	2.0	3.0	3.8
103°	1877.8	1802.6	1562.2	1140.8	564.6	165.2	0.5	1.1	2.1	3.0	3.9
104°	1837.6	1766.6	1523.2	1103.9	544.0	158.1	0.5	1.2	2.1	3.0	3.9
105°	1799.6	1721.9	1480.6	1065.8	522.2	151.4	0.5	1.2	2.1	3.0	3.9
106°	1760.0	1682.4	1439.1	1026.5	500.4	144.6	0.5	1.2	2.1	3.0	3.9
107°	1716.7	1640.6	1398.3	989.0	479.9	138.2	0.5	1.2	2.1	3.0	3.9
108°	1676.6	1598.5	1355.9	953.6	460.9	132.7	0.5	1.2	2.1	3.0	3.9
109°	1630.7	1552.9	1311.9	918.3	442.7	127.6	0.5	1.2	2.1	3.0	3.8
110°	1582.1	1505.1	1269.0	882.9	425.2	122.5	0.5	1.2	2.1	3.0	3.8
111°	1536.5	1460.6	1228.2	848.3	408.3	117.9	0.6	1.2	2.1	3.0	3.9
112°	1490.6	1417.5	1187.9	813.8	391.4	113.4	0.6	1.2	2.1	3.0	3.8
113°	1446.5	1374.6	1148.2	781.9	374.6	108.5	0.6	1.2	2.1	2.9	3.8
114°	1400.8	1331.3	1110.3	749.2	357.6	103.5	0.6	1.2	2.1	2.9	3.7
115°	1359.1	1287.8	1070.8	717.0	340.8	98.4	0.6	1.2	2.0	2.9	3.7
116°	1317.8	1247.1	1034.4	686.0	324.9	93.8	0.6	1.2	2.0	2.9	3.6
117°	1275.3	1206.7	997.4	656.9	310.8	89.1	0.6	1.2	2.0	2.8	3.6
118°	1232.9	1166.7	958.2	628.2	297.5	84.5	0.6	1.2	2.0	2.8	3.6
119°	1191.9	1126.9	926.2	600.1	284.9	79.5	0.6	1.2	2.0	2.8	3.6
120°	1153.0	1087.8	894.3	572.7	271.6	74.1	0.6	1.2	2.0	2.8	3.5
121°	1113.3	1048.4	860.2	547.0	258.1	69.2	0.6	1.3	2.0	2.8	3.5
122°	1071.8	1011.0	826.9	521.4	245.0	65.3	0.7	1.3	2.0	2.8	3.5
123°	1032.8	973.3	792.6	495.2	231.6	62.1	0.7	1.3	2.0	2.8	3.5
124°	994.2	937.4	759.2	470.4	218.0	59.7	0.7	1.3	2.0	2.8	3.5
125°	957.5	901.7	725.8	447.7	205.5	57.7	0.7	1.3	2.1	2.8	3.5
126°	920.9	865.9	693.6	427.7	194.0	55.6	0.7	1.3	2.1	2.8	3.5
127°	884.2	829.5	660.6	407.5	183.9	53.5	0.7	1.3	2.1	2.8	3.5
128°	846.7	793.0	630.2	387.1	174.8	51.6	0.8	1.4	2.1	2.9	3.5
129°	809.5	757.5	598.5	366.9	167.4	50.2	0.8	1.4	2.1	2.9	3.5
130°	773.3	722.4	568.1	348.6	161.9	49.2	0.8	1.4	2.1	2.9	3.5
131°	738.1	689.1	538.2	330.6	157.2	48.4	0.8	1.4	2.2	2.9	3.6
132°	702.3	654.3	508.5	312.5	151.2	47.5	0.9	1.5	2.2	2.9	3.6
133°	668.2	620.9	478.4	294.6	143.4	46.0	0.9	1.5	2.2	2.9	3.6
134°	634.6	588.1	449.2	276.9	135.3	44.0	0.9	1.5	2.2	2.9	3.6

REPORT NUMBER: P1444963

CATALOG NUMBER: CWP75 (75W-3000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
135°	601.7	556.0	421.3	261.2	128.3	42.1	1.0	1.6	2.2	2.9	3.5
136°	567.9	525.0	394.0	245.7	121.6	40.2	1.0	1.6	2.2	3.0	3.5
137°	536.5	493.4	367.9	230.8	114.9	38.2	1.0	1.6	2.3	3.0	3.5
138°	505.0	464.0	343.4	216.6	109.1	36.1	1.1	1.7	2.3	3.0	3.5
139°	475.5	434.5	320.4	202.9	103.9	34.4	1.1	1.7	2.3	3.0	3.5
140°	445.4	405.5	298.6	190.9	99.3	32.8	1.2	1.7	2.3	3.0	3.5
141°	415.0	376.1	277.4	178.6	95.4	31.1	1.2	1.8	2.4	3.0	3.5
142°	384.1	345.3	256.4	167.9	91.6	29.4	1.3	1.8	2.4	3.0	3.5
143°	352.3	315.0	236.1	158.4	87.7	27.6	1.3	1.8	2.4	3.0	3.5
144°	320.5	285.7	216.4	149.8	84.9	25.9	1.4	1.9	2.4	3.0	3.5
145°	288.8	256.8	198.9	141.5	81.7	24.2	1.4	1.9	2.4	3.0	3.5
146°	257.0	229.2	182.0	133.3	77.8	22.4	1.5	2.0	2.5	3.0	3.5
147°	226.5	204.3	165.8	125.7	73.4	20.5	1.6	2.0	2.5	3.0	3.5
148°	196.9	181.8	151.5	119.0	68.8	18.7	1.6	2.0	2.5	3.0	3.4
149°	170.7	162.2	139.9	113.5	64.9	17.1	1.7	2.1	2.5	2.9	3.4
150°	150.8	147.0	130.7	108.0	61.0	15.5	1.7	2.1	2.5	2.9	3.3
151°	144.5	139.4	125.3	102.2	57.4	14.1	1.8	2.1	2.5	2.9	3.3
152°	145.0	138.3	121.0	95.5	54.0	12.8	1.8	2.1	2.5	2.9	3.2
153°	140.5	134.1	115.4	89.4	50.4	11.6	1.9	2.1	2.5	2.8	3.2
154°	132.5	126.7	108.4	83.2	47.0	10.5	1.9	2.2	2.5	2.8	3.1
155°	123.4	118.1	100.8	77.0	43.5	9.4	1.9	2.2	2.5	2.8	3.0
156°	114.1	109.2	93.7	71.0	40.0	8.2	2.0	2.2	2.5	2.7	3.0
157°	105.5	100.8	86.6	65.1	36.6	6.9	2.0	2.2	2.5	2.7	2.9
158°	97.6	93.5	79.5	59.5	33.1	5.6	2.1	2.2	2.5	2.7	2.8
159°	90.1	86.1	73.2	54.2	29.8	4.4	2.1	2.3	2.5	2.6	2.8
160°	82.6	78.7	67.1	49.0	26.7	3.2	2.1	2.3	2.5	2.6	2.7
161°	75.1	71.9	61.1	44.2	23.8	2.3	2.2	2.3	2.4	2.6	2.6
162°	68.2	65.4	55.4	39.7	21.3	2.0	2.2	2.3	2.4	2.5	2.6
163°	61.9	59.2	50.1	35.6	18.7	2.0	2.2	2.3	2.4	2.5	2.5
164°	55.8	53.2	45.0	31.6	15.7	2.0	2.3	2.3	2.4	2.5	2.4
165°	50.0	47.7	40.1	27.6	12.8	2.1	2.3	2.3	2.4	2.4	2.4
166°	44.5	42.4	35.2	24.1	10.0	2.1	2.3	2.3	2.4	2.4	2.3
167°	38.8	36.9	30.4	20.7	7.5	2.2	2.3	2.3	2.4	2.4	2.3
168°	33.1	31.6	26.1	17.1	4.9	2.2	2.3	2.3	2.4	2.3	2.2
169°	27.9	26.7	22.2	13.3	3.1	2.2	2.3	2.3	2.4	2.3	2.2
170°	23.3	22.2	17.7	9.8	2.1	2.2	2.3	2.3	2.3	2.3	2.2
171°	18.2	17.3	13.0	6.4	2.0	2.1	2.3	2.3	2.3	2.3	2.1
172°	12.8	12.0	9.3	2.9	2.0	2.1	2.3	2.3	2.3	2.2	2.1
173°	9.1	8.5	5.5	1.8	2.0	2.1	2.3	2.3	2.3	2.2	2.1
174°	5.3	5.0	1.7	1.7	1.9	2.1	2.3	2.3	2.3	2.2	2.1
175°	1.6	1.6	1.6	1.8	2.0	2.1	2.3	2.3	2.3	2.2	2.1
176°	1.5	1.5	1.6	1.8	1.9	2.1	2.3	2.3	2.3	2.2	2.0
177°	1.5	1.5	1.6	1.7	1.9	2.0	2.3	2.3	2.3	2.2	2.0
178°	1.6	1.5	1.6	1.7	1.8	1.9	2.3	2.3	2.3	2.1	2.0
179°	1.6	1.5	1.5	1.6	1.7	1.9	2.3	2.3	2.2	2.1	2.0



REPORT NUMBER: P1444963
CATALOG NUMBER: CWP75 (75W-3000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
180°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6

REPORT NUMBER: P1444963

CATALOG NUMBER: CWP75 (75W-3000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	1139.9	1139.9	1139.9	1139.9	1139.9	1139.9	1139.9	1139.9	1139.9	1139.9	1139.9
1°	845.6	849.6	870.6	911.0	965.8	1041.3	1111.7	1098.9	1173.3	1239.9	1306.0
2°	607.0	600.2	632.0	690.6	766.1	871.5	1027.0	1091.5	1232.2	1374.2	1507.6
3°	359.8	346.3	368.8	436.7	581.7	740.5	929.8	1081.4	1294.6	1511.1	1638.0
4°	226.4	214.2	232.0	287.3	386.3	613.2	852.0	1083.0	1360.0	1615.8	1711.1
5°	151.7	146.6	153.3	183.6	275.1	457.1	778.4	1068.7	1427.7	1650.1	1843.0
6°	129.8	127.5	130.4	140.6	191.7	350.2	711.5	1067.2	1497.3	1714.0	1895.7
7°	121.8	121.3	121.6	126.2	146.6	287.3	647.7	1060.4	1548.0	1806.3	1978.5
8°	123.8	124.6	122.7	119.8	130.1	224.3	567.7	1041.4	1583.7	1853.3	2061.9
9°	129.1	130.1	127.9	122.1	122.0	162.1	483.0	1033.4	1597.4	1893.4	2145.4
10°	135.6	137.7	134.3	127.0	119.8	139.8	409.7	1014.8	1604.3	1935.8	2246.9
11°	143.6	145.4	142.6	133.0	122.2	129.1	352.5	994.8	1607.9	1978.1	2330.8
12°	148.9	149.3	147.8	140.6	126.3	123.8	307.6	977.8	1634.2	2020.5	2428.8
13°	157.0	155.4	153.4	147.5	131.8	120.4	266.4	952.7	1642.1	2065.0	2521.4
14°	177.6	180.8	170.5	154.5	138.7	119.2	230.0	938.2	1662.6	2107.2	2605.2
15°	218.7	235.1	209.0	168.0	146.4	120.1	193.7	914.6	1656.1	2146.2	2672.0
16°	273.0	296.7	264.7	194.2	154.4	122.9	165.3	889.9	1640.6	2198.3	2737.5
17°	310.8	321.3	304.9	231.9	163.6	125.8	145.2	866.5	1626.9	2235.8	2755.3
18°	319.2	311.1	315.6	266.1	176.1	130.1	130.2	838.5	1626.9	2267.9	2750.7
19°	308.2	298.9	304.2	285.4	192.0	135.7	121.5	821.4	1618.7	2296.7	2663.2
20°	295.0	278.5	291.7	291.9	208.9	142.7	115.5	800.2	1622.9	2317.3	2611.7
21°	273.0	255.8	270.4	285.6	224.8	150.8	111.9	775.8	1610.0	2338.1	2505.4
22°	252.0	234.9	249.6	274.0	236.2	159.2	108.5	753.7	1608.0	2358.3	2474.5
23°	232.7	214.0	228.4	255.2	241.7	168.3	107.3	737.1	1602.9	2343.2	2405.3
24°	213.3	193.1	207.3	236.5	240.1	177.2	106.8	721.5	1602.7	2328.5	2403.6
25°	194.0	177.0	188.7	217.8	236.6	185.2	107.3	704.2	1603.4	2287.2	2473.5
26°	176.4	158.8	172.8	199.1	227.1	191.2	109.4	688.7	1599.9	2204.6	2532.3
27°	159.3	144.6	156.8	182.1	217.6	195.7	112.4	672.4	1595.3	2143.7	2596.9
28°	143.3	127.8	140.5	164.4	208.1	197.8	116.0	666.1	1596.2	2078.2	2644.8
29°	126.0	111.2	123.9	147.5	195.2	197.4	120.2	645.3	1606.7	2007.8	2682.0
30°	108.0	88.9	107.9	131.2	181.4	194.2	125.5	632.6	1584.7	1976.9	2710.6
31°	86.9	66.5	87.4	115.5	167.0	189.5	131.2	615.7	1589.2	1918.6	2736.6
32°	69.5	48.5	70.0	100.8	152.3	183.6	135.9	600.4	1587.5	1892.0	2756.6
33°	55.6	44.3	55.3	85.7	137.7	176.2	140.8	586.0	1573.5	1913.3	2777.0
34°	46.5	39.1	46.2	71.6	123.3	168.0	144.8	566.4	1554.7	1944.0	2791.9
35°	38.3	36.9	38.6	59.1	110.2	158.8	148.8	559.8	1532.9	1959.1	2797.7
36°	33.8	32.5	34.3	48.4	97.4	149.8	151.5	541.0	1513.8	1975.4	2802.6
37°	29.9	27.1	30.1	39.7	85.5	140.8	152.8	526.8	1505.9	1988.1	2805.4
38°	25.2	23.5	25.3	33.4	73.8	131.3	153.6	508.8	1480.3	1992.4	2809.9
39°	21.2	16.0	20.8	28.8	62.7	121.5	152.5	497.7	1453.1	1991.2	2814.8
40°	17.1	8.6	16.2	24.8	52.6	112.2	150.6	484.3	1425.9	1986.0	2814.6
41°	12.9	1.1	11.6	20.7	43.6	103.2	147.5	469.6	1405.1	1987.3	2808.7
42°	1.1	0.9	1.0	16.8	35.9	94.4	143.0	456.4	1354.8	1986.2	2818.4
43°	0.9	0.9	0.9	14.6	29.3	86.0	138.3	440.6	1299.3	1986.9	2821.2
44°	0.9	1.0	1.0	8.8	24.4	78.2	133.2	428.5	1253.4	1988.7	2827.2

REPORT NUMBER: P1444963

CATALOG NUMBER: CWP75 (75W-3000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	1.0	1.0	1.0	1.1	19.5	70.7	127.3	406.3	1197.6	1986.3	2832.3
46°	1.0	1.1	1.1	1.0	14.6	63.8	121.5	389.3	1135.2	1981.0	2839.4
47°	1.0	1.1	1.1	1.0	10.0	57.2	115.8	369.0	1075.4	1975.5	2834.0
48°	1.1	1.2	1.2	1.0	7.0	50.3	109.5	350.5	1029.3	1960.5	2834.2
49°	1.2	1.2	1.2	1.1	5.2	42.9	103.1	326.7	973.6	1943.3	2833.2
50°	1.2	1.3	1.3	1.1	2.3	36.3	96.4	307.0	927.5	1924.4	2811.0
51°	1.3	1.4	1.3	1.2	0.9	30.5	89.4	287.2	896.0	1899.2	2816.2
52°	1.3	1.4	1.4	1.2	1.0	25.7	82.7	268.1	876.8	1880.6	2859.4
53°	1.4	1.5	1.4	1.3	1.0	21.0	76.6	249.5	857.2	1853.3	2870.7
54°	1.4	1.5	1.5	1.3	1.1	16.2	70.8	232.5	834.0	1820.9	2848.4
55°	1.5	1.6	1.6	1.4	1.1	12.5	65.1	215.9	808.4	1794.3	2830.7
56°	1.6	1.7	1.6	1.4	1.1	8.8	59.5	202.5	783.9	1783.2	2820.0
57°	1.6	1.7	1.7	1.5	1.2	5.7	54.1	187.7	758.2	1756.3	2808.0
58°	1.7	1.8	1.8	1.5	1.2	3.7	49.1	177.2	734.7	1716.8	2808.6
59°	1.8	1.9	1.8	1.6	1.3	1.6	44.3	165.7	715.2	1684.3	2824.3
60°	1.8	2.0	1.9	1.7	1.3	1.0	39.9	152.3	696.8	1652.9	2811.9
61°	1.9	2.0	2.0	1.7	1.4	0.9	35.7	139.5	676.0	1631.9	2773.6
62°	2.0	2.1	2.1	1.8	1.4	0.9	31.9	129.8	653.5	1612.1	2732.1
63°	2.1	2.2	2.2	1.9	1.5	1.0	28.1	117.9	633.6	1585.7	2702.3
64°	2.2	2.3	2.2	2.0	1.5	1.0	24.3	107.5	615.5	1555.1	2690.4
65°	2.2	2.4	2.3	2.0	1.6	1.0	20.5	100.0	597.9	1524.0	2670.6
66°	2.3	2.5	2.4	2.1	1.6	1.1	16.8	91.9	579.9	1490.9	2640.2
67°	2.4	2.5	2.5	2.2	1.7	1.1	13.4	83.8	562.8	1461.6	2614.7
68°	2.5	2.6	2.6	2.2	1.7	1.1	10.4	75.6	544.0	1426.4	2579.0
69°	2.6	2.7	2.6	2.3	1.8	1.1	7.6	67.2	525.9	1396.7	2534.4
70°	2.6	2.8	2.7	2.4	1.8	1.2	5.2	59.0	508.9	1368.1	2503.2
71°	2.7	2.9	2.8	2.5	1.9	1.2	3.2	52.3	491.8	1335.0	2463.1
72°	2.8	3.0	2.9	2.5	1.9	1.2	1.8	46.1	475.2	1302.4	2414.6
73°	2.9	3.0	3.0	2.6	2.0	1.3	1.3	39.6	457.6	1263.9	2364.2
74°	2.9	3.1	3.0	2.7	2.0	1.3	1.1	33.9	441.2	1228.9	2331.7
75°	3.0	3.2	3.1	2.7	2.1	1.3	1.0	29.1	424.0	1191.6	2277.5
76°	3.1	3.3	3.2	2.8	2.1	1.4	0.9	24.5	407.4	1160.8	2235.0
77°	3.2	3.4	3.3	2.9	2.2	1.4	0.8	20.0	389.8	1125.4	2182.2
78°	3.3	3.4	3.3	2.9	2.3	1.4	0.8	16.4	372.7	1092.0	2118.3
79°	3.3	3.5	3.4	3.0	2.3	1.5	0.8	13.1	356.6	1051.8	2074.4
80°	3.4	3.6	3.5	3.1	2.4	1.5	0.8	10.3	339.6	1018.0	2006.0
81°	3.5	3.7	3.6	3.1	2.4	1.5	0.8	8.0	322.6	976.0	1945.5
82°	3.5	3.7	3.6	3.2	2.4	1.6	0.8	5.7	305.6	942.7	1901.7
83°	3.6	3.8	3.7	3.2	2.5	1.6	0.9	4.0	292.3	909.6	1824.2
84°	3.6	3.8	3.7	3.2	2.5	1.6	0.9	2.8	277.3	876.4	1771.6
85°	3.7	3.8	3.7	3.3	2.5	1.6	0.9	1.8	265.8	854.0	1728.9
86°	3.7	3.9	3.8	3.3	2.6	1.7	0.9	1.0	253.5	818.5	1657.7
87°	3.8	4.0	3.9	3.4	2.6	1.7	0.9	0.5	242.3	793.2	1618.6
88°	3.8	4.0	3.9	3.5	2.7	1.7	1.0	0.3	234.0	762.4	1551.2
89°	3.9	4.1	4.0	3.5	2.7	1.8	1.0	0.3	226.5	741.1	1496.1

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CATALOG NUMBER: CWP75 (75W-3000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
90°	4.0	4.2	4.1	3.6	2.7	1.8	1.0	0.3	220.2	722.0	1455.8
91°	4.0	4.2	4.1	3.6	2.8	1.8	1.0	0.3	213.5	708.5	1411.6
92°	4.1	4.3	4.2	3.7	2.8	1.9	1.0	0.3	206.7	697.6	1389.6
93°	4.1	4.3	4.2	3.7	2.8	1.9	1.1	0.3	199.6	684.2	1373.8
94°	4.2	4.4	4.3	3.7	2.9	1.9	1.1	0.4	192.3	668.5	1354.2
95°	4.2	4.4	4.3	3.8	2.9	1.9	1.1	0.4	184.7	648.2	1325.9
96°	4.3	4.5	4.3	3.8	2.9	2.0	1.1	0.4	177.4	625.4	1291.3
97°	4.3	4.5	4.4	3.9	3.0	2.0	1.1	0.4	170.4	605.8	1251.6
98°	4.3	4.6	4.4	3.9	3.0	2.0	1.2	0.4	162.7	584.6	1218.3
99°	4.4	4.6	4.5	3.9	3.0	2.0	1.2	0.4	156.1	566.4	1185.4
100°	4.4	4.6	4.5	4.0	3.1	2.1	1.2	0.4	149.6	548.3	1153.3
101°	4.4	4.7	4.5	4.0	3.1	2.1	1.2	0.4	142.7	528.0	1119.6
102°	4.5	4.7	4.6	4.0	3.1	2.1	1.2	0.4	135.9	508.2	1086.0
103°	4.5	4.7	4.6	4.0	3.1	2.1	1.3	0.4	129.6	488.5	1050.7
104°	4.5	4.8	4.6	4.1	3.2	2.2	1.3	0.4	123.8	470.8	1015.0
105°	4.5	4.8	4.6	4.1	3.2	2.2	1.3	0.4	118.5	452.2	978.9
106°	4.5	4.8	4.6	4.1	3.2	2.2	1.3	0.4	113.2	433.9	945.3
107°	4.5	4.7	4.6	4.0	3.1	2.2	1.3	0.4	108.1	416.4	911.8
108°	4.5	4.7	4.6	4.0	3.1	2.2	1.3	0.4	103.8	400.1	878.3
109°	4.4	4.7	4.6	4.0	3.1	2.2	1.4	0.4	99.5	384.4	844.4
110°	4.5	4.7	4.6	4.0	3.2	2.2	1.4	0.4	95.8	369.4	811.0
111°	4.5	4.7	4.6	4.1	3.2	2.2	1.4	0.4	92.0	354.4	778.8
112°	4.4	4.7	4.6	4.0	3.2	2.2	1.4	0.4	88.2	339.7	747.6
113°	4.3	4.6	4.5	4.0	3.1	2.2	1.4	0.4	84.4	325.5	717.1
114°	4.3	4.5	4.4	3.9	3.1	2.2	1.4	0.4	80.4	310.3	686.2
115°	4.2	4.5	4.4	3.9	3.1	2.2	1.4	0.4	76.3	295.3	656.6
116°	4.2	4.5	4.4	3.8	3.1	2.2	1.4	0.4	72.2	281.3	628.6
117°	4.2	4.4	4.3	3.8	3.1	2.2	1.5	0.5	68.5	269.2	601.0
118°	4.1	4.4	4.3	3.8	3.0	2.2	1.5	0.5	64.4	257.9	573.3
119°	4.1	4.4	4.3	3.8	3.1	2.2	1.5	0.5	60.2	247.0	547.9
120°	4.1	4.4	4.3	3.8	3.1	2.3	1.5	0.5	56.1	235.6	522.4
121°	4.1	4.3	4.3	3.8	3.1	2.3	1.5	0.5	52.5	224.5	498.4
122°	4.1	4.3	4.3	3.8	3.1	2.3	1.6	0.5	49.5	212.7	474.7
123°	4.1	4.3	4.3	3.8	3.1	2.4	1.6	0.5	47.0	201.2	450.4
124°	4.1	4.3	4.3	3.8	3.2	2.4	1.6	0.5	45.0	189.6	426.5
125°	4.1	4.3	4.3	3.9	3.2	2.4	1.7	0.6	43.4	178.6	405.1
126°	4.1	4.3	4.3	3.9	3.2	2.5	1.7	0.6	41.8	168.2	386.6
127°	4.1	4.3	4.3	3.9	3.3	2.5	1.8	0.6	40.3	158.9	368.2
128°	4.1	4.3	4.3	3.9	3.3	2.5	1.8	0.6	38.6	151.0	349.4
129°	4.1	4.4	4.3	3.9	3.3	2.6	1.8	0.6	37.4	144.4	331.1
130°	4.1	4.3	4.3	4.0	3.4	2.6	1.9	0.6	36.6	139.5	314.0
131°	4.1	4.3	4.3	4.0	3.4	2.7	1.9	0.7	35.7	136.0	297.4
132°	4.1	4.3	4.3	4.0	3.4	2.7	1.9	0.7	34.8	131.1	280.9
133°	4.1	4.3	4.3	4.0	3.4	2.7	2.0	0.7	33.7	124.2	264.6
134°	4.1	4.3	4.3	4.0	3.5	2.7	2.0	0.7	32.3	116.9	249.4

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CATALOG NUMBER: CWP75 (75W-3000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
135°	4.0	4.3	4.3	4.0	3.4	2.7	2.0	0.8	30.9	110.2	235.2
136°	4.0	4.3	4.2	4.0	3.4	2.8	2.1	0.8	29.4	104.0	220.8
137°	4.0	4.3	4.2	4.0	3.5	2.8	2.1	0.8	27.9	98.5	206.7
138°	4.0	4.2	4.2	4.0	3.5	2.8	2.1	0.9	26.1	93.7	193.0
139°	4.0	4.2	4.2	4.0	3.5	2.8	2.2	0.9	24.4	89.0	181.2
140°	4.0	4.2	4.2	4.0	3.5	2.9	2.2	0.9	22.9	84.3	170.3
141°	4.0	4.2	4.2	4.0	3.5	2.9	2.2	0.9	21.3	80.7	159.9
142°	3.9	4.2	4.2	4.0	3.5	2.9	2.3	1.0	19.7	77.5	150.5
143°	3.9	4.1	4.2	3.9	3.5	2.9	2.3	1.0	18.2	74.7	142.8
144°	3.9	4.1	4.1	3.9	3.5	2.9	2.4	1.0	16.6	72.4	135.9
145°	3.9	4.1	4.1	3.9	3.5	3.0	2.4	1.1	15.2	69.5	129.3
146°	3.8	4.1	4.1	3.9	3.5	3.0	2.5	1.1	13.7	66.1	122.4
147°	3.8	4.0	4.0	3.9	3.5	3.0	2.5	1.2	12.2	62.0	115.6
148°	3.8	4.0	4.0	3.8	3.5	3.0	2.6	1.2	10.7	57.9	109.6
149°	3.7	3.9	3.9	3.8	3.5	3.1	2.6	1.2	9.6	54.3	104.1
150°	3.6	3.8	3.9	3.7	3.5	3.1	2.7	1.3	8.4	50.9	98.6
151°	3.6	3.8	3.8	3.7	3.5	3.1	2.7	1.3	7.6	47.7	93.0
152°	3.5	3.7	3.7	3.6	3.4	3.1	2.8	1.4	6.8	44.6	87.3
153°	3.4	3.6	3.7	3.6	3.4	3.1	2.8	1.4	5.9	41.6	81.7
154°	3.3	3.5	3.6	3.5	3.4	3.1	2.9	1.5	5.0	38.7	76.1
155°	3.3	3.4	3.5	3.4	3.3	3.1	2.9	1.5	4.1	35.8	70.5
156°	3.2	3.3	3.4	3.4	3.3	3.1	3.0	1.6	3.1	32.8	65.0
157°	3.1	3.2	3.3	3.3	3.3	3.1	3.0	1.6	2.3	29.9	59.5
158°	3.0	3.1	3.2	3.2	3.2	3.1	3.0	1.7	1.6	27.0	54.3
159°	2.9	3.0	3.1	3.1	3.2	3.1	3.0	1.7	1.6	24.3	49.2
160°	2.8	2.9	3.0	3.0	3.1	3.1	3.0	1.7	1.6	21.8	44.4
161°	2.7	2.8	2.9	2.9	3.0	3.0	3.0	1.8	1.6	19.4	39.8
162°	2.6	2.7	2.7	2.8	2.9	2.9	3.0	1.8	1.6	16.8	35.7
163°	2.5	2.5	2.6	2.6	2.7	2.8	2.9	1.8	1.7	14.0	31.7
164°	2.4	2.4	2.4	2.5	2.6	2.7	2.8	1.9	1.7	11.3	27.9
165°	2.3	2.3	2.3	2.4	2.5	2.6	2.8	1.9	1.8	8.7	24.4
166°	2.3	2.2	2.2	2.2	2.4	2.5	2.7	1.9	1.8	6.6	21.2
167°	2.2	2.1	2.0	2.1	2.3	2.5	2.7	2.0	1.8	4.5	17.7
168°	2.1	2.0	1.9	2.0	2.1	2.4	2.6	2.0	1.9	2.3	13.9
169°	2.0	1.9	1.8	1.9	2.0	2.3	2.5	2.0	1.9	1.8	10.2
170°	2.0	1.8	1.7	1.8	1.9	2.2	2.5	2.0	1.9	1.8	6.9
171°	2.0	1.8	1.7	1.7	1.9	2.1	2.4	2.0	1.9	1.8	3.5
172°	1.9	1.8	1.7	1.7	1.8	2.1	2.4	2.1	2.0	1.8	1.8
173°	1.9	1.7	1.6	1.6	1.8	2.0	2.3	2.1	2.0	1.9	1.7
174°	1.9	1.7	1.6	1.6	1.8	2.0	2.2	2.1	2.0	1.9	1.7
175°	1.9	1.7	1.6	1.6	1.7	1.9	2.2	2.1	2.1	1.9	1.8
176°	1.9	1.7	1.6	1.6	1.7	1.9	2.1	2.2	2.1	2.0	1.8
177°	1.9	1.7	1.5	1.5	1.6	1.8	2.0	2.2	2.1	2.0	1.8
178°	1.8	1.7	1.5	1.5	1.5	1.7	1.8	2.3	2.2	2.0	1.9
179°	1.8	1.7	1.5	1.5	1.5	1.6	1.8	2.3	2.2	2.1	2.0



REPORT NUMBER: P1444963
CATALOG NUMBER: CWP75 (75W-3000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
180°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6

REPORT NUMBER: P1444963

CATALOG NUMBER: CWP75 (75W-3000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	1139.9	1139.9	1139.9
1°	1357.0	1406.4	1426.2
2°	1588.8	1631.8	1635.0
3°	1686.9	1748.3	1773.5
4°	1837.1	1887.1	1895.0
5°	1938.1	2005.5	2019.9
6°	2037.9	2123.8	2144.9
7°	2137.8	2264.7	2289.9
8°	2265.3	2388.4	2445.1
9°	2368.6	2543.3	2611.9
10°	2501.7	2697.5	2756.8
11°	2633.9	2832.1	2887.0
12°	2751.3	2927.3	2956.4
13°	2841.9	2963.8	2940.8
14°	2901.8	2893.2	2888.0
15°	2898.0	2857.0	2805.8
16°	2804.0	2779.0	2815.1
17°	2737.8	2760.9	2787.3
18°	2695.0	2785.7	2908.6
19°	2656.9	2920.7	3014.0
20°	2676.7	3032.5	3138.5
21°	2800.3	3131.0	3236.4
22°	2896.8	3216.5	3318.7
23°	2985.1	3281.1	3371.0
24°	3057.0	3346.5	3438.0
25°	3112.6	3423.9	3529.8
26°	3177.0	3488.4	3585.9
27°	3240.7	3543.2	3645.2
28°	3292.5	3599.3	3715.3
29°	3328.8	3648.9	3790.8
30°	3365.8	3708.7	3832.8
31°	3403.6	3762.5	3879.2
32°	3440.0	3803.5	3911.2
33°	3473.5	3833.8	3955.9
34°	3504.4	3878.1	3974.5
35°	3533.9	3922.6	4058.4
36°	3559.6	3960.7	4111.2
37°	3581.0	4010.4	4107.6
38°	3599.4	4064.7	4215.1
39°	3620.1	4101.3	4198.7
40°	3641.1	4125.6	4248.6
41°	3632.3	4166.7	4308.8
42°	3636.3	4155.8	4176.7
43°	3651.3	4139.7	4289.7
44°	3638.6	4164.5	4234.6

REPORT NUMBER: P1444963

CATALOG NUMBER: CWP75 (75W-3000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	3623.9	4087.4	4022.3
46°	3610.5	4061.5	4489.8
47°	3571.0	4354.0	4717.2
48°	3585.5	4455.3	4287.4
49°	3684.1	4199.4	4220.0
50°	3684.2	4133.1	4406.0
51°	3607.2	4209.6	4323.7
52°	3645.1	4180.9	4474.1
53°	3623.8	4306.4	4746.2
54°	3566.3	4487.3	4644.9
55°	3641.0	4400.5	4498.4
56°	3715.2	4285.4	4512.7
57°	3697.0	4283.5	4447.3
58°	3687.9	4236.0	4387.3
59°	3652.4	4179.9	4440.8
60°	3607.7	4222.2	4426.7
61°	3599.3	4195.3	4328.4
62°	3601.3	4134.1	4352.3
63°	3571.7	4132.7	4318.6
64°	3559.0	4073.0	4186.4
65°	3544.5	3962.5	4110.1
66°	3497.4	3915.3	4132.2
67°	3422.8	3899.7	4034.0
68°	3394.7	3785.9	3922.1
69°	3336.8	3731.9	3932.0
70°	3279.3	3700.0	3856.5
71°	3220.1	3672.2	3858.4
72°	3188.8	3584.6	3684.3
73°	3131.6	3504.5	3718.3
74°	3064.0	3484.9	3616.1
75°	3023.3	3381.3	3543.0
76°	2936.9	3309.3	3464.5
77°	2861.1	3259.1	3427.8
78°	2802.6	3159.1	3328.0
79°	2720.8	3090.4	3251.6
80°	2642.1	3019.0	3189.9
81°	2603.1	2989.8	3140.0
82°	2520.6	2880.2	3036.2
83°	2429.3	2788.0	2950.7
84°	2385.3	2760.2	2934.4
85°	2325.4	2681.9	2837.7
86°	2227.5	2578.5	2728.3
87°	2167.4	2517.8	2663.2
88°	2110.4	2468.6	2612.2
89°	2018.2	2358.9	2494.1

REPORT NUMBER: P1444963

CATALOG NUMBER: CWP75 (75W-3000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
90°	1965.4	2278.9	2410.8
91°	1921.4	2243.0	2368.2
92°	1854.8	2171.2	2308.0
93°	1819.8	2094.3	2223.9
94°	1803.5	2064.8	2182.7
95°	1778.3	2053.3	2164.4
96°	1749.3	2025.3	2139.7
97°	1710.1	1990.9	2106.0
98°	1665.7	1945.1	2058.9
99°	1632.4	1903.9	2014.7
100°	1596.4	1873.9	1985.8
101°	1563.3	1834.2	1946.4
102°	1529.5	1804.3	1909.0
103°	1494.8	1768.1	1877.8
104°	1454.6	1731.8	1837.6
105°	1414.5	1690.9	1799.6
106°	1375.2	1649.9	1760.0
107°	1334.2	1608.3	1716.7
108°	1295.3	1566.4	1676.6
109°	1253.4	1522.4	1630.7
110°	1212.6	1477.6	1582.1
111°	1174.3	1432.5	1536.5
112°	1135.7	1390.7	1490.6
113°	1098.7	1346.5	1446.5
114°	1060.5	1305.6	1400.8
115°	1024.5	1264.7	1359.1
116°	989.7	1223.9	1317.8
117°	955.3	1183.9	1275.3
118°	921.0	1145.2	1232.9
119°	886.7	1105.3	1191.9
120°	853.2	1067.4	1153.0
121°	821.2	1028.5	1113.3
122°	787.0	990.3	1071.8
123°	754.8	954.5	1032.8
124°	722.8	918.7	994.2
125°	690.6	882.9	957.5
126°	659.4	847.8	920.9
127°	627.4	812.2	884.2
128°	597.0	776.7	846.7
129°	566.6	742.0	809.5
130°	537.5	707.8	773.3
131°	508.3	673.8	738.1
132°	479.0	639.1	702.3
133°	451.1	606.8	668.2
134°	423.4	574.0	634.6

REPORT NUMBER: P1444963

CATALOG NUMBER: CWP75 (75W-3000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
135°	396.5	542.4	601.7
136°	370.1	511.1	567.9
137°	345.3	480.9	536.5
138°	321.4	451.4	505.0
139°	299.8	422.8	475.5
140°	279.3	393.4	445.4
141°	260.4	364.4	415.0
142°	241.0	334.6	384.1
143°	222.1	304.8	352.3
144°	204.6	275.5	320.5
145°	187.9	247.2	288.8
146°	172.6	220.9	257.0
147°	158.3	197.9	226.5
148°	145.7	176.5	196.9
149°	135.1	158.4	170.7
150°	127.0	144.4	150.8
151°	121.2	138.0	144.5
152°	116.0	135.6	145.0
153°	110.2	131.5	140.5
154°	103.3	124.1	132.5
155°	96.1	115.5	123.4
156°	89.1	106.9	114.1
157°	82.0	98.9	105.5
158°	75.7	91.5	97.6
159°	69.6	84.3	90.1
160°	63.7	77.0	82.6
161°	57.9	70.2	75.1
162°	52.4	63.9	68.2
163°	47.1	57.7	61.9
164°	42.3	51.9	55.8
165°	37.6	46.5	50.0
166°	32.6	41.2	44.5
167°	28.0	35.6	38.8
168°	24.1	30.3	33.1
169°	19.8	25.6	27.9
170°	15.4	21.1	23.3
171°	10.8	16.0	18.2
172°	6.7	10.8	12.8
173°	2.6	6.4	9.1
174°	1.6	2.0	5.3
175°	1.6	1.5	1.6
176°	1.7	1.5	1.5
177°	1.7	1.6	1.5
178°	1.7	1.6	1.6
179°	1.8	1.6	1.6

REPORT NUMBER: P1444963

CATALOG NUMBER: CWP75 (75W-3000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	1.6	1.6	1.6

(END OF REPORT)