

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: P1444962

Luminaire Tested: CWP75 (60W-5000K)

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2024
Report Number: P1444962
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 (60W-5000K)
Description: COMPACT WALL PACK, 75W
SET TO 60W, 5000K CCT
Light Source: 3000K/5000K CCT, 80 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8050 lumens
Efficiency: N/A
Efficacy: 136.0 lumens/watt
Luminous Opening: Point Source (0m x 0m x 0m)
IES Classification: Type IV - Short
BUG Rating: B0 - U5 - G4

Input Watts (W): 59.2
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



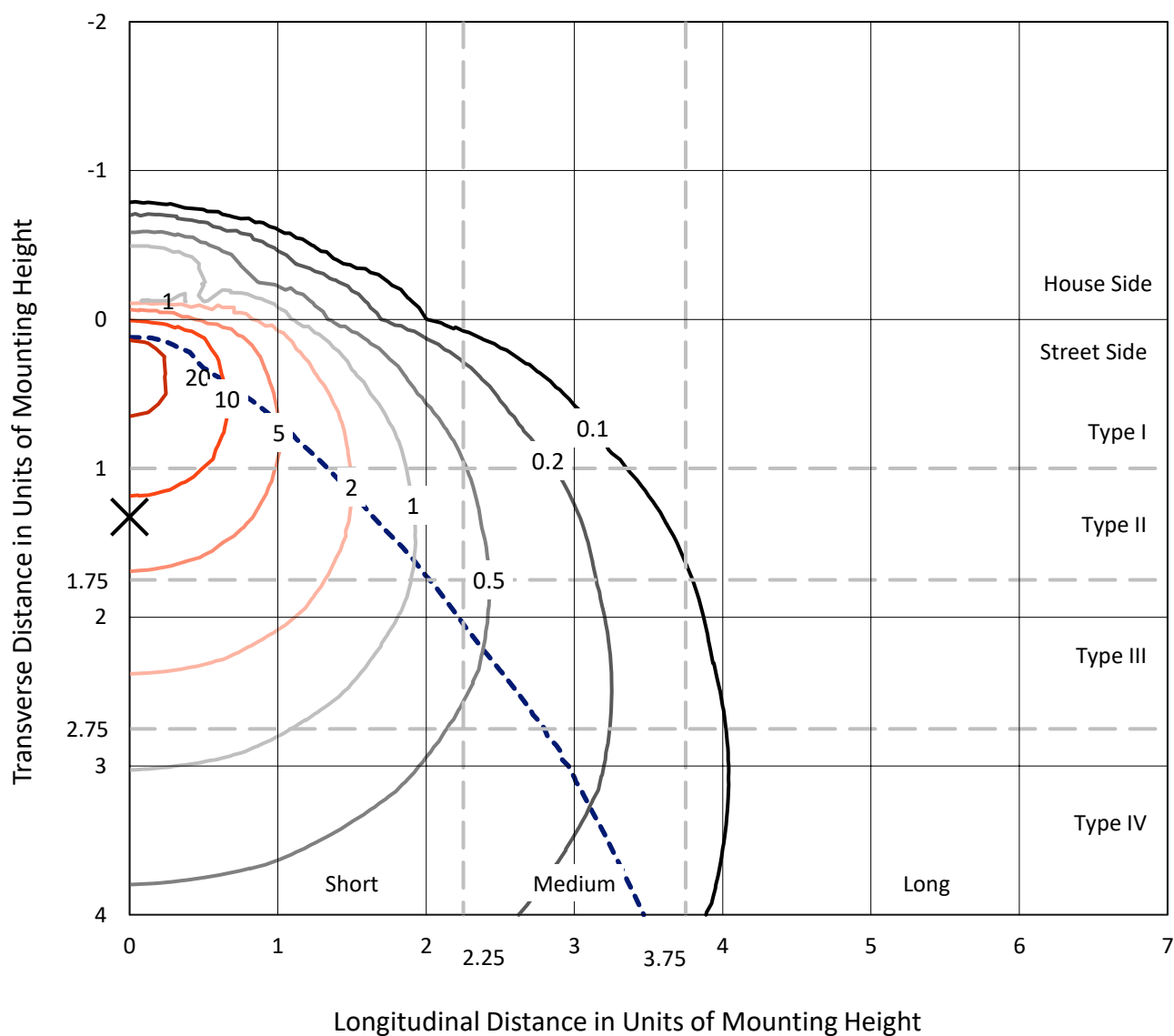
REPORT NUMBER: P1444962

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



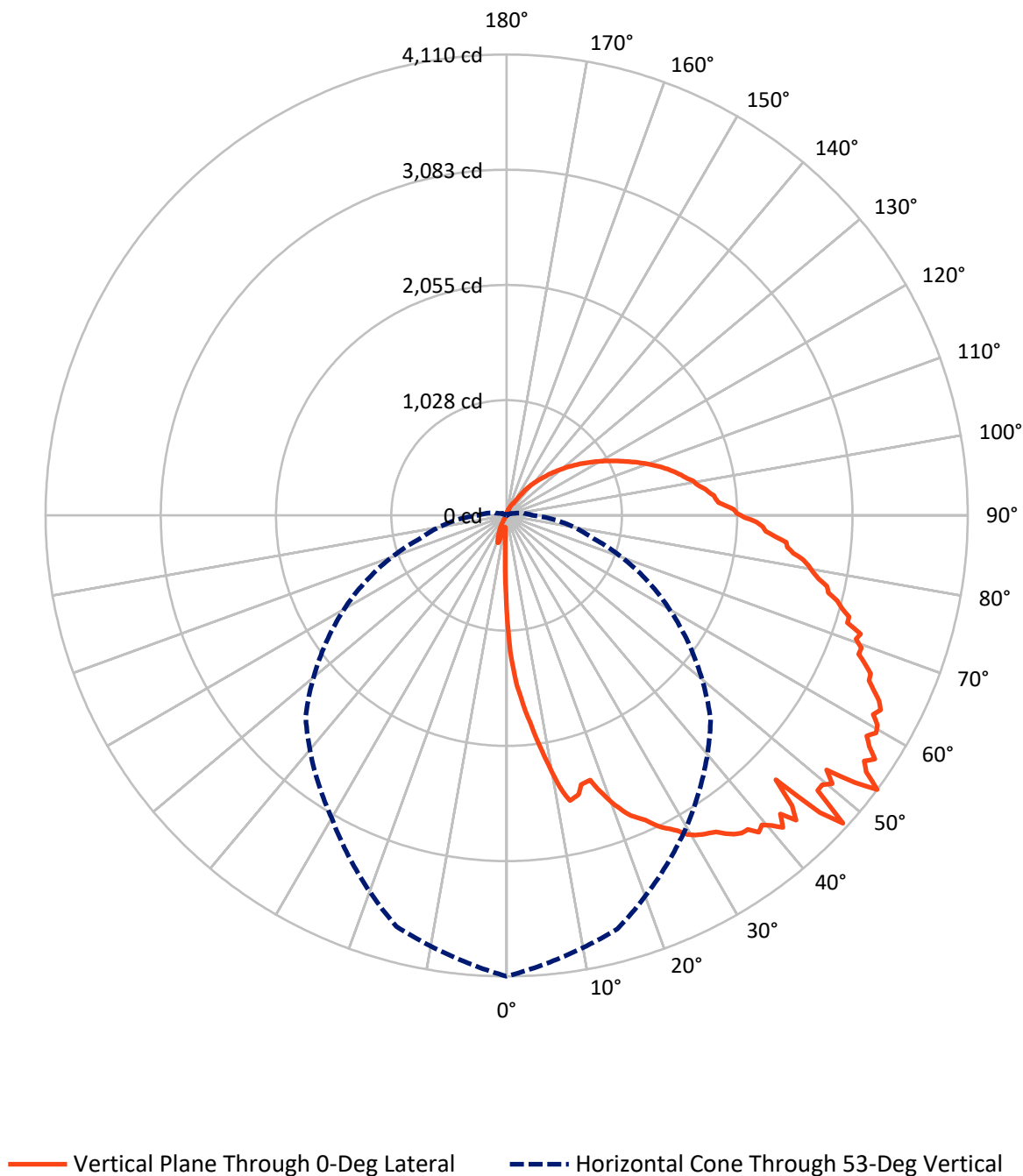
Based on 10 foot mounting height. Maximum calculated value = 23.4 fc

Type IV - Short - N/A

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Luminous Intensity Polar Plot



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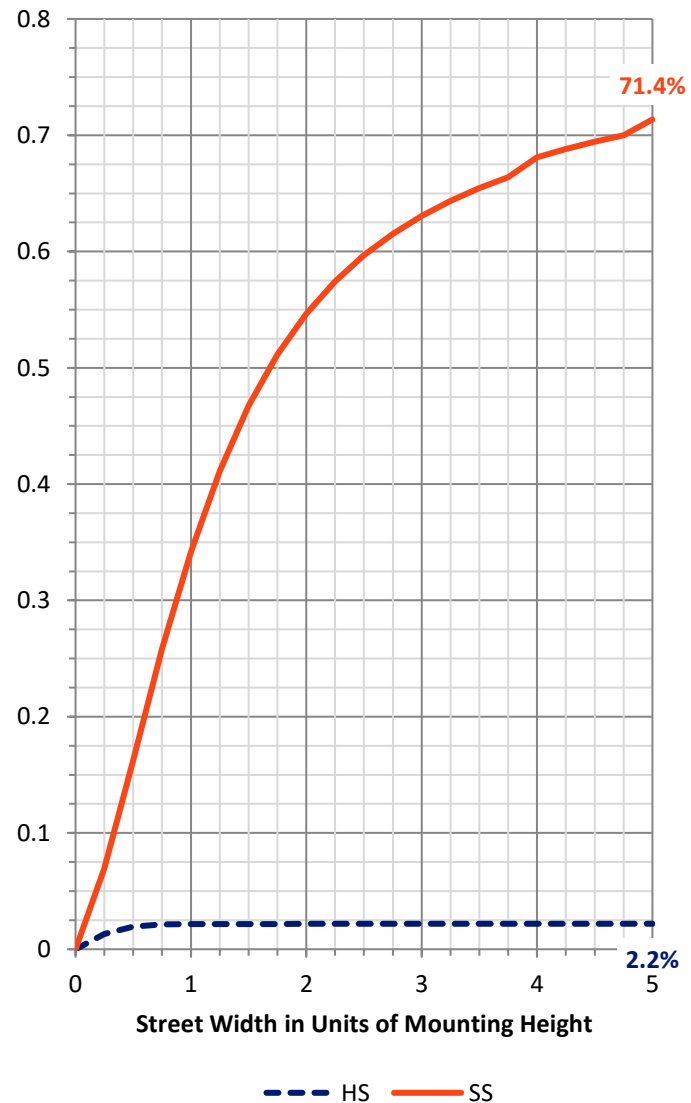
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	178.6	7.7	186.3
	% Fixture	2.2	0.1	2.3
Street Side	Lumens	6296.2	1567.4	7863.7
	% Fixture	78.2	19.5	97.7
Total	Lumens	6474.9	1575.1	8050.0
	% Fixture	80.4	19.6	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.7	1.2
10°-20°	321.5	4.0
20°-30°	560.3	7.0
30°-40°	780.8	9.7
40°-50°	943.3	11.7
50°-60°	1050.6	13.1
60°-70°	1055.3	13.1
70°-80°	935.4	11.6
80°-90°	734.9	9.1
90°-100°	559.6	7.0
100°-110°	420.9	5.2
110°-120°	281.9	3.5
120°-130°	170.2	2.1
130°-140°	89.2	1.1
140°-150°	36.6	0.5
150°-160°	13.2	0.2
160°-170°	3.3	0.0
170°-180°	0.2	0.0
0°-90°	6474.9	80.4
0°-180°	8050.0	100.0

Coefficient of Utilization



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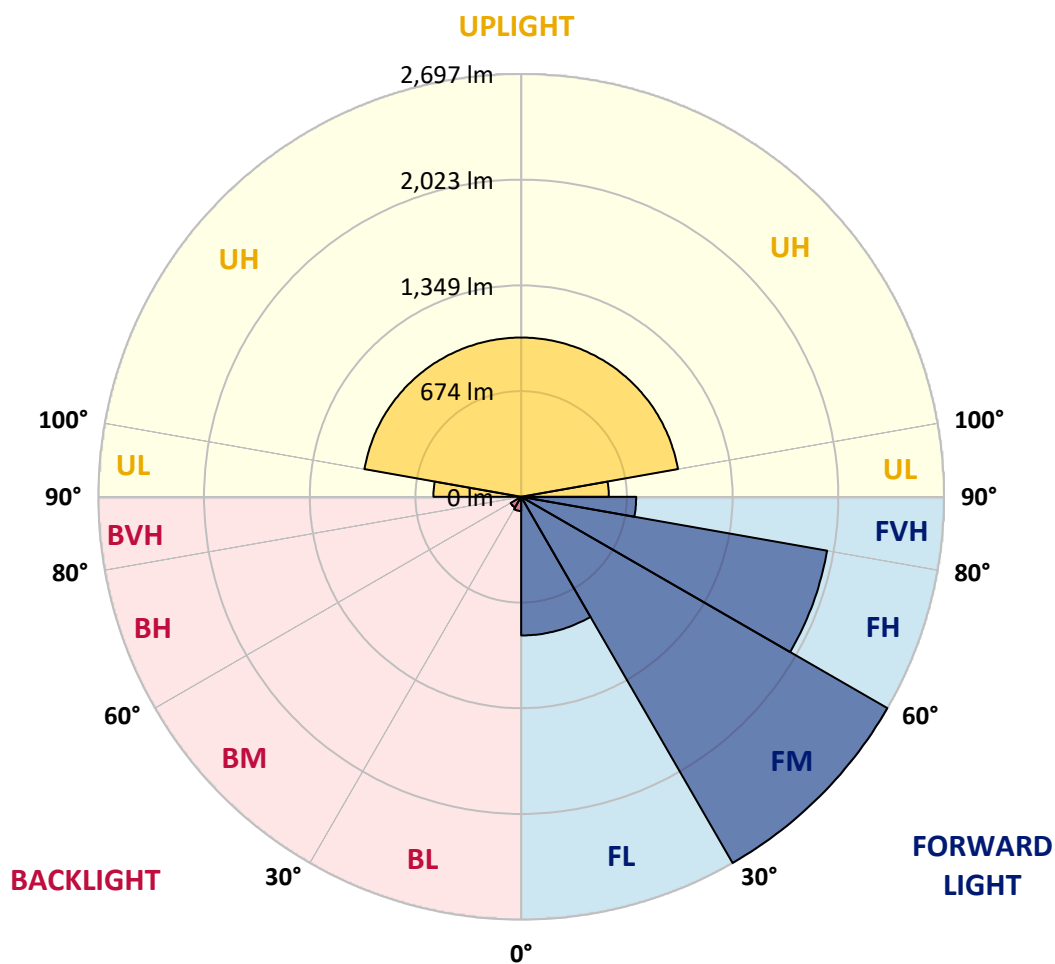
CATALOG NUMBER: CWP75 (60W-5000K)

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	884.2	11.0			
FM	(30°-60°)	2697.0	33.5			
FH	(60°-80°)	1981.5	24.6			G2/5000
FVH	(80°-90°)	733.6	9.1			G4/750
BL	(0°-30°)	90.5	1.1	B0/110		
BM	(30°-60°)	77.7	1.0	B0/220		
BH	(60°-80°)	9.2	0.1	B0/110		G0/110
BVH	(80°-90°)	1.3	0.0			G0/10
UL	(90°-100°)	559.6	7.0		U4/1000	
UH	(100°-180°)	1015.5	12.6		U5	

BUG Rating: B0-U5-G4

Type IV Short



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CATALOG NUMBER: CWP75 (60W-5000K)

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	948.0	948.0	948.0	948.0	948.0	948.0	948.0	948.0	948.0	948.0	948.0
1°	1210.0	1219.5	1198.1	1161.5	1107.3	1045.4	911.7	856.1	801.4	754.1	723.7
2°	1363.4	1366.3	1355.6	1323.9	1247.7	1116.0	912.4	792.2	670.4	586.6	536.6
3°	1519.4	1511.7	1464.8	1396.1	1338.2	1185.4	908.9	718.7	567.7	450.1	344.7
4°	1625.1	1612.2	1589.3	1513.0	1380.3	1245.4	901.5	647.8	464.3	353.4	227.8
5°	1758.1	1749.9	1688.4	1590.1	1446.9	1310.6	908.5	596.8	348.2	256.6	160.4
6°	1862.7	1838.1	1781.3	1670.4	1543.7	1332.9	897.3	543.0	289.1	160.5	123.4
7°	1991.7	1961.3	1875.9	1765.1	1579.7	1348.9	887.8	488.6	230.0	126.4	110.2
8°	2121.0	2085.8	1986.0	1823.4	1625.7	1373.8	886.5	430.2	171.3	112.8	104.1
9°	2250.3	2210.2	2096.4	1913.7	1698.4	1399.2	877.5	367.6	138.2	105.8	103.8
10°	2392.0	2340.4	2206.8	1993.9	1735.6	1435.2	875.0	314.0	120.4	103.1	107.6
11°	2516.2	2473.1	2325.8	2074.1	1766.0	1478.0	860.5	271.6	111.6	103.6	112.8
12°	2603.9	2563.3	2426.7	2154.2	1839.5	1486.0	839.8	242.7	107.1	107.0	119.1
13°	2586.8	2601.5	2516.9	2234.7	1881.6	1486.9	828.7	213.8	104.6	111.8	125.0
14°	2569.1	2548.4	2579.6	2321.9	1910.1	1499.8	812.4	185.0	103.6	117.3	128.8
15°	2489.8	2500.2	2539.1	2412.7	1951.1	1499.5	798.5	162.5	104.0	123.1	135.6
16°	2482.4	2477.5	2515.6	2466.4	1992.1	1513.1	783.2	143.1	106.0	129.0	150.2
17°	2473.5	2430.2	2421.9	2485.0	2033.1	1515.7	759.1	126.5	108.7	135.4	176.5
18°	2578.1	2477.8	2417.6	2430.1	2084.7	1497.1	739.1	115.2	112.0	143.9	205.7
19°	2669.1	2582.5	2363.1	2379.2	2113.8	1489.0	727.7	107.5	116.6	154.7	228.9
20°	2756.5	2687.1	2421.5	2312.8	2126.6	1498.4	704.6	102.2	121.7	168.2	239.4
21°	2831.1	2768.3	2516.7	2254.0	2150.6	1494.2	689.9	98.8	127.2	182.2	239.2
22°	2899.1	2825.8	2610.2	2235.0	2165.0	1496.1	670.0	96.5	133.2	193.9	235.2
23°	2942.0	2873.4	2677.6	2194.4	2165.2	1488.3	655.8	94.9	140.2	200.6	222.0
24°	2986.8	2923.3	2723.7	2224.2	2130.4	1485.1	642.8	93.9	147.8	203.1	208.8
25°	3052.3	2984.2	2765.2	2282.8	2069.1	1500.3	627.0	94.1	154.1	201.6	193.3
26°	3109.2	3042.1	2809.3	2341.3	2003.8	1495.7	612.6	94.9	159.8	196.6	178.4
27°	3151.7	3090.8	2854.3	2387.3	1941.1	1493.0	600.4	96.6	163.6	190.4	163.5
28°	3201.5	3132.7	2891.7	2418.4	1880.6	1496.9	587.0	99.1	166.6	182.0	149.0
29°	3268.6	3179.5	2930.1	2443.5	1854.8	1495.1	580.0	102.5	168.0	172.3	134.9
30°	3308.6	3235.8	2962.9	2468.2	1803.2	1500.3	570.7	106.3	167.0	162.2	120.8
31°	3335.9	3271.9	2994.4	2484.3	1768.3	1493.1	549.6	110.5	164.6	150.8	107.0
32°	3359.2	3308.6	3024.1	2483.1	1777.0	1485.3	536.6	115.2	160.4	138.5	93.7
33°	3384.8	3335.7	3062.7	2499.2	1804.1	1477.0	522.5	119.8	154.9	126.2	81.0
34°	3442.9	3361.1	3091.3	2514.7	1818.1	1462.9	512.1	123.7	149.1	114.3	68.9
35°	3491.6	3407.7	3111.7	2522.7	1834.3	1449.6	498.0	127.0	141.9	102.6	57.6
36°	3524.0	3449.0	3137.0	2523.5	1842.9	1437.5	482.3	129.4	134.2	91.7	47.2
37°	3529.9	3469.3	3169.3	2521.5	1843.1	1405.0	468.3	131.5	126.1	81.2	38.2
38°	3611.0	3497.8	3194.1	2525.2	1831.9	1379.1	456.0	132.0	118.0	71.1	31.9
39°	3577.5	3528.8	3197.9	2531.8	1820.2	1349.2	441.7	131.9	109.7	60.6	27.1
40°	3635.9	3515.4	3213.5	2528.5	1816.1	1318.9	426.9	130.8	101.6	51.5	23.3
41°	3716.3	3585.6	3204.5	2525.7	1818.4	1274.1	415.2	128.3	93.7	43.5	19.6
42°	3612.1	3602.1	3223.9	2518.3	1810.0	1229.6	403.4	125.0	85.8	35.7	15.9
43°	3746.6	3583.4	3262.0	2531.3	1803.5	1185.3	390.3	120.9	78.6	28.9	13.6
44°	3632.0	3644.7	3236.9	2541.3	1797.4	1135.1	375.5	116.2	71.7	24.4	10.8

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CATALOG NUMBER: CWP75 (60W-5000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	3364.8	3490.7	3256.5	2539.4	1796.0	1087.6	360.4	111.4	65.0	19.9	2.1
46°	3849.4	3435.8	3244.2	2538.7	1790.5	1036.4	346.1	106.1	58.7	15.4	0.7
47°	4064.5	3770.1	3142.7	2541.4	1785.9	993.0	331.3	100.5	52.7	10.8	0.7
48°	3702.1	3864.7	3174.1	2538.4	1769.0	945.6	313.9	95.2	46.8	7.4	0.8
49°	3698.3	3670.4	3302.3	2545.2	1749.5	900.8	297.2	89.7	40.3	5.5	0.8
50°	3761.3	3650.6	3300.9	2504.5	1736.4	867.9	280.8	84.4	34.4	3.3	0.9
51°	3644.3	3629.2	3253.3	2497.2	1721.5	845.8	265.2	78.9	29.0	0.7	0.9
52°	3914.8	3591.3	3266.3	2560.1	1696.9	823.8	246.0	73.6	24.6	0.7	0.9
53°	4110.1	3817.3	3206.3	2571.9	1678.2	803.3	231.7	68.5	20.2	0.7	1.0
54°	3938.4	3914.9	3155.0	2539.6	1643.6	772.7	217.4	63.7	15.8	0.8	1.0
55°	3868.1	3777.0	3266.6	2531.8	1609.2	750.7	203.1	58.7	12.3	0.8	1.1
56°	3935.7	3756.7	3335.2	2515.9	1612.1	726.9	188.3	53.9	9.2	0.8	1.1
57°	3834.0	3796.2	3310.6	2494.5	1596.9	700.6	177.7	49.3	6.1	0.9	1.2
58°	3764.6	3711.9	3288.1	2520.7	1553.8	677.4	165.8	44.9	4.0	0.9	1.2
59°	3821.2	3667.7	3265.7	2523.5	1519.6	655.7	155.9	40.6	2.2	0.9	1.3
60°	3798.4	3702.1	3224.2	2503.6	1488.8	641.8	145.7	36.5	0.8	1.0	1.3
61°	3719.5	3666.8	3205.4	2475.4	1459.6	625.4	135.1	32.6	0.7	1.0	1.4
62°	3758.3	3606.3	3196.4	2451.1	1446.6	603.2	125.2	29.1	0.7	1.1	1.4
63°	3710.6	3628.4	3183.9	2425.4	1430.1	583.5	116.8	25.7	0.7	1.1	1.5
64°	3625.4	3587.5	3182.5	2392.9	1400.0	565.8	107.1	22.4	0.7	1.2	1.6
65°	3550.0	3491.4	3177.4	2361.7	1375.5	548.7	99.0	19.0	0.8	1.2	1.6
66°	3538.7	3439.6	3126.0	2342.9	1342.3	535.5	91.1	15.7	0.8	1.3	1.7
67°	3459.2	3419.0	3062.5	2337.5	1312.2	519.8	83.1	12.7	0.8	1.3	1.7
68°	3373.3	3318.3	3009.4	2311.9	1287.2	501.8	75.5	9.9	0.8	1.4	1.8
69°	3375.7	3270.8	2949.4	2265.5	1255.3	484.7	68.5	7.4	0.9	1.4	1.9
70°	3304.7	3230.9	2889.4	2231.6	1232.5	468.4	62.1	5.2	0.9	1.5	1.9
71°	3327.8	3211.1	2861.1	2186.3	1203.1	451.2	55.5	3.3	0.9	1.5	2.0
72°	3184.2	3157.6	2816.2	2136.9	1169.0	436.9	49.0	1.8	1.0	1.5	2.1
73°	3183.9	3074.3	2805.1	2102.6	1136.3	423.6	43.2	1.2	1.0	1.6	2.1
74°	3102.4	3036.7	2713.8	2072.6	1097.7	407.1	38.0	0.9	1.0	1.6	2.2
75°	3043.5	2984.1	2662.8	2033.7	1070.4	391.4	33.0	0.8	1.1	1.7	2.2
76°	2949.3	2891.8	2589.3	1990.3	1037.2	374.2	28.4	0.7	1.1	1.7	2.3
77°	2924.8	2853.0	2519.2	1937.5	1011.7	359.3	24.5	0.6	1.1	1.8	2.4
78°	2839.1	2772.3	2474.3	1886.8	982.9	345.8	20.6	0.6	1.2	1.8	2.4
79°	2780.3	2703.7	2403.3	1834.2	949.6	331.3	16.8	0.6	1.2	1.9	2.5
80°	2730.3	2623.0	2336.0	1779.6	916.3	315.7	13.5	0.6	1.2	1.9	2.5
81°	2672.0	2594.8	2276.6	1726.7	882.9	301.8	10.5	0.6	1.3	2.0	2.6
82°	2577.4	2506.7	2210.4	1681.5	852.4	286.6	7.9	0.6	1.3	2.0	2.6
83°	2518.8	2428.0	2128.9	1622.1	825.5	273.6	5.7	0.7	1.3	2.0	2.7
84°	2503.5	2410.7	2090.9	1562.4	789.7	260.4	3.8	0.7	1.3	2.1	2.7
85°	2403.7	2328.5	2040.3	1546.4	780.6	251.6	2.3	0.7	1.4	2.1	2.7
86°	2313.2	2239.8	1954.7	1472.6	743.3	239.1	1.4	0.7	1.4	2.1	2.8
87°	2284.4	2195.5	1908.4	1437.9	723.5	230.0	0.7	0.7	1.4	2.2	2.8
88°	2227.7	2137.5	1854.2	1386.1	695.1	220.2	0.4	0.7	1.5	2.2	2.9
89°	2121.6	2034.3	1760.3	1328.8	675.1	213.1	0.3	0.8	1.5	2.3	2.9

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CATALOG NUMBER: CWP75 (60W-5000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	2052.8	1971.6	1718.6	1296.7	655.6	206.2	0.3	0.8	1.5	2.3	3.0
91°	2026.4	1939.3	1677.6	1254.3	640.3	200.0	0.3	0.8	1.5	2.3	3.0
92°	1957.3	1864.1	1614.8	1227.4	628.8	193.6	0.3	0.8	1.6	2.4	3.1
93°	1891.8	1813.1	1589.0	1213.9	616.6	186.6	0.3	0.8	1.6	2.4	3.1
94°	1871.0	1796.7	1574.0	1191.2	602.0	180.0	0.3	0.9	1.6	2.4	3.1
95°	1854.8	1777.7	1546.7	1166.2	585.1	173.0	0.4	0.9	1.7	2.5	3.2
96°	1815.9	1737.7	1518.8	1137.7	564.0	165.8	0.4	0.9	1.7	2.5	3.2
97°	1788.3	1708.8	1484.9	1100.0	543.6	159.0	0.4	0.9	1.7	2.5	3.2
98°	1744.2	1663.0	1447.4	1068.5	524.5	151.7	0.4	0.9	1.7	2.5	3.3
99°	1710.6	1633.5	1418.7	1037.7	506.4	145.2	0.4	1.0	1.8	2.6	3.3
100°	1691.8	1607.7	1381.1	1006.3	489.8	139.2	0.4	1.0	1.8	2.6	3.3
101°	1646.1	1565.9	1349.2	976.3	471.7	133.0	0.4	1.0	1.8	2.6	3.3
102°	1614.2	1535.9	1318.6	945.7	453.7	126.6	0.4	1.0	1.8	2.6	3.3
103°	1582.0	1502.1	1284.7	915.1	435.7	120.6	0.4	1.0	1.8	2.6	3.4
104°	1547.8	1468.4	1249.5	884.5	419.2	115.1	0.4	1.0	1.8	2.7	3.4
105°	1513.4	1432.5	1213.9	851.9	402.7	110.2	0.5	1.1	1.8	2.7	3.4
106°	1476.0	1395.7	1177.2	819.8	384.9	105.3	0.5	1.1	1.9	2.7	3.4
107°	1439.5	1359.5	1140.9	787.8	368.6	100.5	0.5	1.1	1.9	2.6	3.4
108°	1400.0	1320.3	1103.1	756.7	353.4	96.4	0.5	1.1	1.9	2.6	3.4
109°	1359.9	1280.3	1066.1	726.6	339.2	92.4	0.5	1.1	1.9	2.6	3.3
110°	1319.4	1240.9	1030.4	697.9	325.4	88.4	0.5	1.1	1.9	2.7	3.3
111°	1279.6	1201.8	995.8	669.3	312.3	85.0	0.5	1.1	1.9	2.7	3.4
112°	1240.2	1164.4	956.4	641.6	299.3	81.8	0.5	1.1	1.9	2.6	3.3
113°	1200.6	1126.1	928.2	614.7	285.9	78.3	0.5	1.1	1.8	2.6	3.3
114°	1162.2	1089.1	900.3	588.4	273.0	74.8	0.5	1.1	1.8	2.6	3.2
115°	1124.2	1052.7	867.9	563.2	260.1	71.1	0.5	1.1	1.8	2.5	3.2
116°	1088.2	1018.4	836.9	538.8	247.7	67.5	0.5	1.1	1.8	2.5	3.2
117°	1052.0	984.2	806.0	514.9	236.7	64.1	0.5	1.1	1.8	2.5	3.1
118°	1017.1	951.8	775.9	492.0	226.6	60.8	0.5	1.1	1.8	2.5	3.1
119°	982.1	919.4	745.1	469.6	216.8	57.0	0.6	1.1	1.8	2.5	3.1
120°	949.0	887.0	716.1	447.9	206.7	53.1	0.6	1.1	1.8	2.5	3.1
121°	915.9	853.6	687.9	426.9	196.7	49.6	0.6	1.1	1.8	2.5	3.1
122°	882.8	821.9	659.8	406.3	186.5	46.9	0.6	1.1	1.8	2.5	3.1
123°	850.2	790.6	632.3	385.9	176.5	44.6	0.6	1.2	1.8	2.5	3.1
124°	817.8	759.3	604.6	365.6	166.1	42.7	0.6	1.2	1.8	2.5	3.1
125°	784.6	728.2	578.0	347.4	156.4	41.1	0.6	1.2	1.8	2.5	3.1
126°	752.2	697.8	551.1	331.1	147.8	39.6	0.7	1.2	1.8	2.5	3.1
127°	721.7	667.7	524.2	315.6	139.9	38.0	0.7	1.2	1.9	2.5	3.1
128°	690.4	638.5	499.1	299.8	133.2	36.5	0.7	1.2	1.9	2.5	3.1
129°	658.8	608.9	473.7	284.4	127.5	35.3	0.7	1.3	1.9	2.5	3.1
130°	629.1	579.9	448.4	269.6	123.0	34.4	0.7	1.3	1.9	2.5	3.1
131°	600.0	551.9	424.3	255.7	119.6	33.5	0.8	1.3	1.9	2.5	3.1
132°	570.8	523.4	399.9	241.7	115.6	32.7	0.8	1.3	1.9	2.6	3.1
133°	542.4	496.4	376.5	228.2	110.3	31.8	0.8	1.3	1.9	2.6	3.1
134°	514.2	469.3	353.6	214.9	104.1	30.5	0.9	1.4	2.0	2.6	3.1

REPORT NUMBER: P1444962

CATALOG NUMBER: CWP75 (60W-5000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
135°	486.4	443.2	331.5	202.4	98.4	29.0	0.9	1.4	2.0	2.6	3.1
136°	460.2	417.8	310.0	190.3	93.4	27.7	0.9	1.4	2.0	2.6	3.1
137°	433.8	393.2	289.8	178.6	88.5	26.2	1.0	1.4	2.0	2.6	3.1
138°	408.7	369.1	270.3	167.7	83.5	24.7	1.0	1.5	2.0	2.6	3.1
139°	384.0	345.3	252.1	157.5	79.4	23.2	1.0	1.5	2.1	2.6	3.1
140°	359.4	321.4	235.1	148.1	75.6	21.9	1.1	1.5	2.1	2.6	3.1
141°	334.1	296.8	218.7	139.1	72.4	20.5	1.1	1.6	2.1	2.6	3.1
142°	308.3	271.9	202.2	130.9	69.5	19.2	1.2	1.6	2.1	2.6	3.1
143°	282.4	247.6	186.4	123.6	66.8	17.8	1.2	1.6	2.1	2.6	3.1
144°	256.2	223.6	172.0	117.2	64.8	16.4	1.2	1.7	2.2	2.6	3.1
145°	229.8	201.1	158.4	111.0	62.2	15.0	1.3	1.7	2.2	2.6	3.1
146°	204.2	180.3	145.5	104.7	58.6	13.6	1.3	1.7	2.2	2.6	3.1
147°	179.3	161.2	133.6	99.1	54.5	12.2	1.4	1.8	2.2	2.6	3.0
148°	155.6	144.1	123.0	94.5	50.2	10.8	1.4	1.8	2.2	2.6	3.0
149°	135.7	129.8	114.0	89.9	46.3	9.6	1.5	1.8	2.2	2.6	3.0
150°	123.8	119.9	107.4	85.4	42.6	8.4	1.5	1.8	2.2	2.6	2.9
151°	122.5	116.0	103.0	80.6	39.5	7.4	1.6	1.9	2.2	2.5	2.9
152°	121.4	114.2	99.0	75.6	36.6	6.6	1.6	1.9	2.2	2.5	2.8
153°	115.6	109.3	93.0	70.7	33.9	5.8	1.6	1.9	2.2	2.5	2.8
154°	108.4	102.9	87.1	66.0	31.5	4.9	1.7	1.9	2.2	2.4	2.7
155°	100.8	96.0	81.2	60.7	28.9	4.0	1.7	1.9	2.2	2.4	2.7
156°	93.7	88.9	75.2	55.1	26.6	3.1	1.8	1.9	2.2	2.4	2.6
157°	86.6	81.8	69.5	49.6	24.4	2.3	1.8	2.0	2.2	2.4	2.5
158°	79.5	75.6	64.1	44.2	22.3	1.8	1.8	2.0	2.2	2.3	2.5
159°	73.3	69.8	59.0	39.2	20.3	1.8	1.9	2.0	2.2	2.3	2.4
160°	67.3	64.1	53.8	34.8	18.2	1.8	1.9	2.0	2.2	2.3	2.4
161°	61.4	58.4	48.4	30.9	16.3	1.8	1.9	2.0	2.1	2.2	2.3
162°	55.8	53.0	43.0	27.4	14.2	1.7	2.0	2.0	2.1	2.2	2.2
163°	50.6	47.9	37.8	24.2	11.9	1.7	2.0	2.0	2.1	2.2	2.2
164°	45.5	43.1	32.9	21.5	9.7	1.7	2.0	2.0	2.1	2.1	2.1
165°	40.7	38.4	28.5	19.1	7.5	1.7	2.0	2.0	2.1	2.1	2.1
166°	35.7	33.2	24.5	16.8	5.2	1.8	2.0	2.0	2.1	2.1	2.0
167°	30.1	27.9	20.9	14.2	3.4	1.8	2.0	2.0	2.1	2.1	2.0
168°	24.8	22.8	18.2	11.2	2.1	1.8	2.0	2.1	2.1	2.0	1.9
169°	20.2	18.8	15.1	8.2	1.8	1.8	2.0	2.1	2.1	2.0	1.9
170°	16.1	14.9	11.6	5.1	1.8	1.8	2.1	2.1	2.0	2.0	1.9
171°	12.3	11.3	8.3	2.6	1.6	1.8	2.1	2.1	2.0	2.0	1.8
172°	8.6	8.0	5.0	1.6	1.6	1.8	2.1	2.1	2.0	1.9	1.8
173°	5.0	4.8	1.7	1.6	1.7	1.8	2.1	2.1	2.0	1.9	1.8
174°	1.4	1.5	1.5	1.5	1.7	1.8	2.0	2.0	2.0	1.9	1.8
175°	1.3	1.4	1.4	1.6	1.7	1.8	2.0	2.0	2.0	1.9	1.8
176°	1.3	1.3	1.4	1.5	1.7	1.8	2.0	2.0	2.0	1.9	1.8
177°	1.3	1.3	1.4	1.5	1.7	1.8	2.0	2.0	2.0	1.9	1.7
178°	1.3	1.3	1.4	1.5	1.6	1.7	2.0	2.0	2.0	1.9	1.7
179°	1.4	1.3	1.3	1.4	1.6	1.7	2.0	2.0	2.0	1.9	1.7



REPORT NUMBER: P1444962
CATALOG NUMBER: CWP75 (60W-5000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
180°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4

REPORT NUMBER: P1444962

CATALOG NUMBER: CWP75 (60W-5000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	948.0	948.0	948.0	948.0	948.0	948.0	948.0	948.0	948.0	948.0	948.0
1°	709.6	698.6	731.4	767.0	816.1	870.4	927.3	915.2	971.8	1034.8	1100.1
2°	508.1	493.4	523.3	568.9	634.6	740.6	866.0	909.5	1032.3	1174.2	1284.0
3°	298.1	286.8	313.3	383.3	500.5	621.6	810.7	918.9	1109.8	1301.0	1366.7
4°	198.0	190.0	205.4	242.7	339.5	531.3	739.2	918.1	1188.6	1358.2	1479.9
5°	136.4	131.6	140.3	172.9	258.3	422.1	670.4	911.5	1248.3	1413.5	1572.1
6°	115.0	112.7	115.5	127.6	177.8	309.6	610.5	912.8	1299.4	1495.5	1645.6
7°	106.2	105.0	106.4	112.3	133.6	259.2	558.6	906.2	1320.1	1560.2	1737.2
8°	104.3	104.3	104.1	105.1	115.4	208.7	507.0	896.9	1330.6	1589.0	1797.3
9°	107.7	108.6	106.9	103.1	107.7	158.4	455.7	894.0	1359.5	1652.9	1892.4
10°	113.4	114.3	112.8	106.1	103.8	131.3	397.9	882.1	1386.7	1710.9	1972.4
11°	120.7	123.2	120.0	111.3	103.3	118.1	339.3	867.2	1416.6	1740.9	2052.1
12°	125.8	126.8	125.8	117.5	106.0	110.9	290.2	854.0	1431.2	1792.8	2131.8
13°	127.5	128.0	128.9	124.3	110.6	106.2	257.6	832.5	1431.8	1837.1	2213.3
14°	132.8	135.0	135.1	129.7	115.6	103.4	224.9	816.6	1429.0	1868.4	2302.2
15°	152.6	161.2	153.8	136.0	121.3	102.2	192.4	795.1	1434.0	1901.6	2378.0
16°	190.0	210.4	188.0	148.4	127.3	102.4	167.7	784.6	1437.4	1952.8	2420.2
17°	231.2	248.9	229.0	168.7	133.2	104.0	146.9	763.2	1442.5	1983.2	2454.2
18°	252.9	256.0	251.4	193.8	140.2	107.0	130.7	750.0	1438.6	2013.1	2390.4
19°	252.7	253.0	252.3	215.1	149.8	111.5	118.2	731.0	1426.3	2043.0	2335.9
20°	247.6	236.9	247.6	228.2	161.2	117.2	109.1	713.5	1426.1	2073.3	2266.9
21°	231.8	220.7	232.0	231.4	172.8	123.8	102.1	702.6	1426.8	2089.1	2209.4
22°	216.0	204.6	216.4	223.2	182.4	130.6	97.6	690.7	1438.9	2095.3	2181.4
23°	200.2	186.2	200.8	215.1	189.1	137.2	94.1	679.7	1440.6	2097.6	2135.1
24°	183.2	170.8	184.4	206.8	191.4	143.1	92.0	669.9	1438.9	2057.8	2179.5
25°	167.7	154.0	169.2	192.0	190.6	147.9	90.9	664.8	1434.6	1993.7	2238.4
26°	153.4	140.6	153.3	177.1	187.0	153.1	90.4	653.0	1444.9	1955.3	2295.2
27°	139.6	128.0	140.2	161.8	181.8	157.2	90.7	645.4	1442.6	1889.9	2341.0
28°	126.5	115.2	125.9	147.6	175.0	159.9	91.8	635.3	1453.6	1825.8	2368.8
29°	113.9	103.8	112.8	133.1	166.4	161.2	94.0	622.1	1451.2	1800.5	2383.4
30°	100.4	86.8	99.7	119.4	157.0	160.5	97.1	612.8	1449.6	1754.5	2402.0
31°	83.2	67.0	83.3	106.2	146.6	158.7	100.5	595.3	1449.1	1726.3	2417.5
32°	67.5	47.8	66.7	93.9	135.8	155.7	104.6	586.3	1435.8	1740.9	2437.6
33°	53.8	40.0	52.7	81.7	123.8	151.1	108.1	576.9	1425.9	1765.3	2444.2
34°	43.7	36.3	42.7	69.2	112.3	145.0	111.2	557.8	1423.2	1787.7	2448.5
35°	35.9	33.3	36.4	57.6	101.6	138.1	114.4	552.4	1414.4	1803.2	2456.5
36°	30.6	30.3	31.1	48.4	91.0	130.9	117.2	531.7	1389.7	1807.5	2462.2
37°	27.7	26.5	27.7	39.8	80.6	123.2	118.7	519.6	1371.9	1804.1	2468.5
38°	24.4	22.8	24.3	32.8	71.3	114.8	119.4	504.2	1355.5	1793.8	2467.2
39°	21.2	19.0	20.9	26.7	61.4	107.2	119.6	490.5	1334.2	1792.8	2469.3
40°	17.9	15.2	17.5	22.9	51.5	99.5	118.8	478.0	1290.5	1792.8	2472.9
41°	14.0	2.4	13.7	19.0	43.4	92.2	117.1	466.4	1247.9	1791.0	2470.4
42°	2.0	0.7	2.2	15.2	36.1	85.0	114.7	453.1	1208.1	1789.0	2478.0
43°	0.7	0.8	0.8	12.7	29.6	78.2	111.5	435.3	1163.9	1787.2	2482.3
44°	0.8	0.8	0.8	9.7	24.8	71.8	108.4	420.1	1107.1	1785.4	2481.7

REPORT NUMBER: P1444962

CATALOG NUMBER: CWP75 (60W-5000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	0.8	0.8	0.8	2.2	20.1	65.5	105.1	402.8	1057.7	1782.6	2483.7
46°	0.8	0.9	0.9	0.8	15.3	59.2	101.3	386.3	1012.9	1774.5	2498.4
47°	0.9	0.9	0.9	0.8	11.0	53.5	97.0	365.8	961.6	1767.2	2496.8
48°	0.9	1.0	1.0	0.8	7.2	47.7	92.4	348.0	918.3	1758.3	2501.6
49°	1.0	1.0	1.0	0.9	5.2	41.6	87.7	327.4	888.8	1744.2	2490.9
50°	1.0	1.1	1.0	0.9	3.2	35.6	82.5	309.5	869.1	1726.6	2467.6
51°	1.1	1.1	1.1	1.0	0.9	30.0	77.2	289.6	847.8	1711.0	2496.0
52°	1.1	1.2	1.1	1.0	0.8	25.6	72.2	273.7	826.6	1690.8	2543.6
53°	1.2	1.2	1.2	1.0	0.8	21.2	67.5	255.3	800.4	1672.8	2533.7
54°	1.2	1.3	1.2	1.1	0.9	16.8	62.7	241.2	775.9	1643.9	2524.1
55°	1.3	1.3	1.3	1.1	0.9	13.2	57.9	225.5	749.4	1626.7	2505.5
56°	1.3	1.4	1.3	1.2	0.9	9.8	53.2	210.4	726.0	1615.8	2488.1
57°	1.4	1.4	1.4	1.2	0.9	6.7	48.8	198.0	704.3	1582.2	2496.9
58°	1.4	1.5	1.5	1.3	1.0	4.3	44.5	184.9	682.2	1550.0	2516.0
59°	1.5	1.6	1.5	1.3	1.0	2.4	40.3	171.5	667.3	1524.3	2515.1
60°	1.5	1.6	1.6	1.4	1.1	0.9	36.6	160.8	647.6	1499.7	2490.0
61°	1.6	1.7	1.6	1.4	1.1	0.8	32.9	149.7	626.8	1482.6	2464.9
62°	1.7	1.8	1.7	1.5	1.2	0.8	29.5	138.8	606.5	1464.0	2435.2
63°	1.8	1.9	1.8	1.6	1.2	0.8	26.2	130.7	590.0	1442.3	2412.1
64°	1.8	1.9	1.9	1.6	1.2	0.8	23.1	121.5	573.4	1415.3	2410.2
65°	1.9	2.0	1.9	1.7	1.3	0.8	20.0	112.8	555.4	1385.2	2381.1
66°	2.0	2.1	2.0	1.7	1.3	0.8	16.9	105.3	540.3	1354.7	2355.7
67°	2.0	2.1	2.1	1.8	1.4	0.9	13.6	96.3	524.1	1326.3	2340.3
68°	2.1	2.2	2.1	1.9	1.4	0.9	10.7	88.3	506.7	1297.8	2303.4
69°	2.2	2.3	2.2	1.9	1.4	0.9	8.1	80.5	490.8	1272.7	2274.0
70°	2.2	2.4	2.3	2.0	1.5	0.9	5.8	72.9	475.2	1245.5	2233.8
71°	2.3	2.4	2.4	2.0	1.5	1.0	3.8	65.1	458.0	1211.4	2186.4
72°	2.4	2.5	2.4	2.1	1.6	1.0	2.2	58.5	444.4	1179.5	2141.1
73°	2.4	2.6	2.5	2.1	1.6	1.0	1.4	52.7	429.1	1144.7	2107.6
74°	2.5	2.6	2.5	2.2	1.7	1.0	1.1	46.9	412.5	1110.3	2077.3
75°	2.6	2.7	2.6	2.3	1.7	1.1	0.9	41.2	395.6	1079.6	2033.6
76°	2.7	2.8	2.7	2.3	1.8	1.1	0.7	36.2	378.4	1048.8	1987.2
77°	2.7	2.9	2.7	2.4	1.8	1.1	0.7	31.6	363.0	1018.6	1933.7
78°	2.8	2.9	2.8	2.4	1.8	1.2	0.6	26.9	347.7	983.2	1877.4
79°	2.9	3.0	2.9	2.5	1.9	1.2	0.6	22.7	331.9	948.2	1827.1
80°	2.9	3.1	2.9	2.6	1.9	1.2	0.6	18.9	315.1	913.2	1765.1
81°	3.0	3.1	3.0	2.6	2.0	1.2	0.6	15.4	299.4	878.2	1717.4
82°	3.0	3.2	3.0	2.6	2.0	1.3	0.7	12.2	285.1	847.6	1664.0
83°	3.1	3.2	3.1	2.7	2.0	1.3	0.7	9.7	271.6	814.1	1601.7
84°	3.1	3.2	3.1	2.7	2.0	1.3	0.7	7.2	261.3	795.3	1570.7
85°	3.1	3.3	3.1	2.7	2.1	1.3	0.7	4.7	248.5	760.7	1503.8
86°	3.2	3.3	3.2	2.8	2.1	1.3	0.7	3.0	239.8	742.1	1462.6
87°	3.2	3.4	3.3	2.8	2.1	1.4	0.7	1.7	230.0	714.7	1419.7
88°	3.3	3.4	3.3	2.9	2.2	1.4	0.7	0.8	222.8	692.7	1355.4
89°	3.3	3.5	3.4	2.9	2.2	1.4	0.8	0.5	215.8	673.2	1318.7

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CATALOG NUMBER: CWP75 (60W-5000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
90°	3.4	3.5	3.4	3.0	2.2	1.4	0.8	0.3	209.5	657.9	1280.8
91°	3.5	3.6	3.5	3.0	2.3	1.5	0.8	0.3	202.9	646.2	1248.9
92°	3.5	3.6	3.5	3.0	2.3	1.5	0.8	0.3	195.8	632.8	1232.8
93°	3.5	3.7	3.6	3.1	2.3	1.5	0.8	0.3	188.6	619.1	1213.2
94°	3.6	3.7	3.6	3.1	2.4	1.5	0.8	0.3	181.4	601.9	1189.5
95°	3.6	3.8	3.6	3.2	2.4	1.6	0.9	0.3	174.0	581.3	1162.7
96°	3.7	3.8	3.7	3.2	2.4	1.6	0.9	0.3	167.3	561.2	1128.4
97°	3.7	3.9	3.7	3.2	2.4	1.6	0.9	0.3	159.5	541.6	1095.3
98°	3.7	3.9	3.8	3.2	2.5	1.6	0.9	0.3	152.5	522.4	1063.9
99°	3.8	3.9	3.8	3.3	2.5	1.7	0.9	0.3	146.1	505.4	1032.3
100°	3.8	4.0	3.8	3.3	2.5	1.7	1.0	0.3	139.6	487.6	1002.5
101°	3.8	4.0	3.8	3.3	2.5	1.7	1.0	0.3	132.9	468.8	971.8
102°	3.8	4.0	3.9	3.4	2.6	1.7	1.0	0.3	126.5	450.5	941.0
103°	3.9	4.1	3.9	3.4	2.6	1.7	1.0	0.3	120.6	433.0	910.3
104°	3.9	4.1	3.9	3.4	2.6	1.8	1.0	0.3	115.3	415.9	879.5
105°	3.9	4.1	3.9	3.4	2.6	1.8	1.0	0.3	110.0	398.6	846.2
106°	3.9	4.1	3.9	3.4	2.6	1.8	1.1	0.3	104.9	381.9	814.4
107°	3.9	4.1	3.9	3.4	2.6	1.8	1.1	0.3	100.3	366.1	783.2
108°	3.8	4.0	3.9	3.4	2.6	1.8	1.1	0.3	96.3	351.2	752.5
109°	3.8	4.0	3.9	3.4	2.6	1.8	1.1	0.3	92.3	337.1	722.7
110°	3.8	4.1	3.9	3.4	2.6	1.8	1.1	0.3	88.3	323.5	693.6
111°	3.9	4.1	3.9	3.4	2.6	1.8	1.1	0.3	84.8	310.4	664.9
112°	3.8	4.0	3.9	3.4	2.6	1.8	1.1	0.3	81.3	297.1	637.4
113°	3.7	3.9	3.8	3.3	2.6	1.8	1.1	0.3	77.6	283.6	610.2
114°	3.7	3.9	3.7	3.3	2.6	1.8	1.1	0.3	73.8	270.4	584.1
115°	3.6	3.9	3.7	3.2	2.5	1.8	1.2	0.3	69.9	257.3	558.4
116°	3.6	3.8	3.7	3.2	2.5	1.8	1.2	0.3	66.3	245.4	533.7
117°	3.6	3.8	3.7	3.2	2.5	1.8	1.2	0.3	62.9	234.9	510.1
118°	3.6	3.8	3.6	3.2	2.5	1.8	1.2	0.4	59.1	224.9	487.5
119°	3.5	3.7	3.6	3.2	2.5	1.9	1.2	0.4	55.3	214.9	465.0
120°	3.5	3.7	3.6	3.2	2.6	1.9	1.2	0.4	51.6	204.9	442.8
121°	3.5	3.7	3.6	3.2	2.6	1.9	1.3	0.4	48.4	194.6	422.5
122°	3.5	3.7	3.6	3.2	2.6	1.9	1.3	0.4	45.7	184.3	401.8
123°	3.5	3.7	3.6	3.2	2.6	2.0	1.3	0.4	43.7	174.1	381.5
124°	3.5	3.7	3.6	3.2	2.6	2.0	1.4	0.4	42.0	163.9	362.1
125°	3.5	3.7	3.6	3.2	2.7	2.0	1.4	0.4	40.6	154.3	344.6
126°	3.5	3.7	3.6	3.3	2.7	2.0	1.4	0.4	39.2	145.8	329.0
127°	3.5	3.7	3.6	3.3	2.7	2.1	1.4	0.5	37.6	138.2	312.7
128°	3.5	3.7	3.6	3.3	2.8	2.1	1.5	0.5	36.2	131.8	296.9
129°	3.5	3.7	3.6	3.3	2.8	2.1	1.5	0.5	35.2	126.6	281.4
130°	3.5	3.7	3.7	3.3	2.8	2.2	1.5	0.5	34.4	122.9	266.7
131°	3.5	3.7	3.7	3.4	2.8	2.2	1.6	0.5	33.5	119.0	252.5
132°	3.5	3.7	3.7	3.4	2.9	2.2	1.6	0.6	32.6	113.6	238.4
133°	3.5	3.7	3.7	3.4	2.9	2.3	1.6	0.6	31.5	107.4	224.9
134°	3.5	3.7	3.7	3.4	2.9	2.3	1.7	0.6	30.0	101.2	212.5

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CATALOG NUMBER: CWP75 (60W-5000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
135°	3.5	3.7	3.7	3.4	2.9	2.3	1.7	0.6	28.7	96.1	200.1
136°	3.5	3.7	3.7	3.4	2.9	2.3	1.7	0.6	27.3	91.0	187.5
137°	3.5	3.7	3.6	3.4	3.0	2.4	1.8	0.7	25.8	85.9	175.6
138°	3.5	3.7	3.6	3.4	3.0	2.4	1.8	0.7	24.1	81.7	164.8
139°	3.5	3.7	3.6	3.4	3.0	2.4	1.8	0.7	22.5	77.8	154.8
140°	3.5	3.7	3.6	3.4	3.0	2.4	1.9	0.7	20.9	74.2	145.5
141°	3.5	3.6	3.6	3.4	3.0	2.5	1.9	0.8	19.4	71.2	136.6
142°	3.4	3.6	3.6	3.4	3.0	2.5	1.9	0.8	17.9	68.4	128.8
143°	3.4	3.6	3.6	3.4	3.0	2.5	2.0	0.8	16.3	66.2	122.1
144°	3.4	3.6	3.6	3.4	3.0	2.5	2.0	0.9	14.9	63.8	116.1
145°	3.4	3.6	3.5	3.4	3.0	2.5	2.1	0.9	13.4	61.0	110.3
146°	3.4	3.5	3.5	3.4	3.0	2.6	2.1	0.9	12.0	57.7	104.2
147°	3.3	3.5	3.5	3.4	3.0	2.6	2.2	1.0	10.8	54.0	98.6
148°	3.3	3.5	3.5	3.3	3.0	2.6	2.2	1.0	9.5	50.5	93.6
149°	3.2	3.4	3.4	3.3	3.0	2.6	2.2	1.0	8.3	47.3	88.6
150°	3.2	3.4	3.4	3.2	3.0	2.7	2.3	1.1	7.3	44.3	83.5
151°	3.1	3.3	3.3	3.2	3.0	2.7	2.3	1.1	6.4	41.5	78.4
152°	3.1	3.2	3.2	3.2	3.0	2.7	2.4	1.2	5.6	38.7	73.5
153°	3.0	3.1	3.2	3.1	3.0	2.7	2.4	1.2	4.7	36.1	68.5
154°	2.9	3.1	3.1	3.0	2.9	2.7	2.4	1.3	3.7	33.3	63.7
155°	2.9	3.0	3.0	3.0	2.9	2.7	2.5	1.3	2.8	30.5	58.9
156°	2.8	2.9	2.9	2.9	2.9	2.7	2.5	1.3	2.0	27.6	54.1
157°	2.7	2.8	2.9	2.9	2.8	2.7	2.5	1.4	1.4	24.8	49.5
158°	2.6	2.7	2.8	2.8	2.8	2.7	2.6	1.4	1.3	22.1	45.0
159°	2.6	2.6	2.7	2.7	2.7	2.7	2.6	1.5	1.3	19.6	40.8
160°	2.5	2.5	2.6	2.6	2.6	2.6	2.6	1.5	1.5	17.3	36.7
161°	2.4	2.4	2.5	2.5	2.6	2.6	2.5	1.5	1.4	15.1	32.8
162°	2.3	2.3	2.3	2.4	2.5	2.5	2.5	1.6	1.4	12.8	29.0
163°	2.2	2.2	2.2	2.3	2.3	2.4	2.4	1.6	1.4	10.3	25.3
164°	2.1	2.1	2.1	2.1	2.2	2.3	2.4	1.6	1.5	8.0	21.8
165°	2.0	2.0	2.0	2.0	2.1	2.2	2.3	1.6	1.5	5.6	18.7
166°	2.0	1.9	1.9	1.9	2.0	2.1	2.3	1.7	1.5	3.6	15.7
167°	1.9	1.8	1.7	1.8	1.9	2.1	2.2	1.7	1.6	2.1	12.7
168°	1.8	1.7	1.6	1.7	1.8	2.0	2.2	1.7	1.6	1.5	9.7
169°	1.8	1.6	1.6	1.6	1.7	1.9	2.1	1.7	1.6	1.6	6.7
170°	1.7	1.6	1.5	1.5	1.6	1.8	2.0	1.8	1.7	1.5	3.7
171°	1.7	1.6	1.5	1.5	1.6	1.8	2.0	1.8	1.7	1.5	1.7
172°	1.7	1.5	1.4	1.4	1.6	1.7	1.9	1.8	1.7	1.6	1.5
173°	1.7	1.5	1.4	1.4	1.5	1.7	1.9	1.8	1.7	1.6	1.5
174°	1.6	1.5	1.4	1.4	1.5	1.7	1.9	1.8	1.8	1.6	1.5
175°	1.6	1.5	1.4	1.4	1.5	1.6	1.8	1.9	1.8	1.7	1.5
176°	1.6	1.5	1.3	1.3	1.4	1.6	1.7	1.9	1.8	1.7	1.6
177°	1.6	1.5	1.3	1.3	1.4	1.5	1.7	1.9	1.8	1.7	1.6
178°	1.6	1.5	1.3	1.3	1.3	1.5	1.6	2.0	1.9	1.8	1.6
179°	1.6	1.5	1.3	1.3	1.3	1.4	1.6	2.0	1.9	1.8	1.7



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CATALOG NUMBER: CWP75 (60W-5000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
180°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4

REPORT NUMBER: P1444962

CATALOG NUMBER: CWP75 (60W-5000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	948.0	948.0	948.0
1°	1159.4	1200.2	1210.0
2°	1336.9	1361.7	1363.4
3°	1433.7	1503.1	1519.4
4°	1565.5	1604.1	1625.1
5°	1664.1	1734.3	1758.1
6°	1768.6	1826.7	1862.7
7°	1866.1	1951.8	1991.7
8°	1973.5	2078.0	2121.0
9°	2081.3	2204.2	2250.3
10°	2189.2	2333.7	2392.0
11°	2300.3	2468.9	2516.2
12°	2421.7	2560.7	2603.9
13°	2500.1	2605.8	2586.8
14°	2560.7	2548.3	2569.1
15°	2506.4	2499.6	2489.8
16°	2479.0	2476.9	2482.4
17°	2394.0	2436.2	2473.5
18°	2396.8	2493.0	2578.1
19°	2344.6	2590.7	2669.1
20°	2408.4	2684.7	2756.5
21°	2495.1	2761.1	2831.1
22°	2582.1	2832.9	2899.1
23°	2644.1	2879.1	2942.0
24°	2691.2	2922.5	2986.8
25°	2734.1	2977.1	3052.3
26°	2777.9	3035.3	3109.2
27°	2821.0	3073.1	3151.7
28°	2862.9	3109.2	3201.5
29°	2897.1	3159.2	3268.6
30°	2927.9	3209.0	3308.6
31°	2956.3	3248.5	3335.9
32°	2989.6	3278.2	3359.2
33°	3020.5	3297.3	3384.8
34°	3037.0	3343.1	3442.9
35°	3072.8	3385.9	3491.6
36°	3099.4	3427.4	3524.0
37°	3113.6	3450.5	3529.9
38°	3133.0	3492.9	3611.0
39°	3147.1	3512.2	3577.5
40°	3154.2	3530.0	3635.9
41°	3154.0	3588.9	3716.3
42°	3172.1	3595.4	3612.1
43°	3183.5	3592.6	3746.6
44°	3164.2	3616.0	3632.0

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CATALOG NUMBER: CWP75 (60W-5000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	3179.5	3464.1	3364.8
46°	3156.2	3470.2	3849.4
47°	3082.4	3809.2	4064.5
48°	3136.8	3842.0	3702.1
49°	3233.9	3622.6	3698.3
50°	3202.3	3606.4	3761.3
51°	3188.6	3592.6	3644.3
52°	3186.8	3581.1	3914.8
53°	3117.0	3795.0	4110.1
54°	3143.3	3871.5	3938.4
55°	3224.5	3738.8	3868.1
56°	3226.9	3724.5	3935.7
57°	3237.8	3731.8	3834.0
58°	3233.6	3635.7	3764.6
59°	3183.7	3607.1	3821.2
60°	3158.1	3645.1	3798.4
61°	3156.1	3596.2	3719.5
62°	3150.6	3562.5	3758.3
63°	3130.3	3591.5	3710.6
64°	3131.1	3525.9	3625.4
65°	3111.5	3433.7	3550.0
66°	3058.1	3403.9	3538.7
67°	3002.4	3348.3	3459.2
68°	2971.1	3245.0	3373.3
69°	2918.0	3220.4	3375.7
70°	2862.8	3176.1	3304.7
71°	2823.1	3165.7	3327.8
72°	2790.8	3093.2	3184.2
73°	2744.2	3039.8	3183.9
74°	2680.3	2985.7	3102.4
75°	2633.9	2920.7	3043.5
76°	2564.6	2828.4	2949.3
77°	2496.8	2799.8	2924.8
78°	2445.6	2712.2	2839.1
79°	2368.1	2653.3	2780.3
80°	2303.5	2611.5	2730.3
81°	2267.7	2558.0	2672.0
82°	2179.0	2464.7	2577.4
83°	2115.3	2404.9	2518.8
84°	2085.7	2383.7	2503.5
85°	2002.1	2290.2	2403.7
86°	1936.0	2203.7	2313.2
87°	1904.7	2176.3	2284.4
88°	1819.2	2115.9	2227.7
89°	1743.6	2012.7	2121.6

REPORT NUMBER: P1444962

CATALOG NUMBER: CWP75 (60W-5000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
90°	1712.1	1964.9	2052.8
91°	1654.6	1927.1	2026.4
92°	1606.2	1852.1	1957.3
93°	1591.9	1801.0	1891.8
94°	1570.5	1792.1	1871.0
95°	1540.5	1769.4	1854.8
96°	1511.7	1735.4	1815.9
97°	1474.4	1702.0	1788.3
98°	1443.3	1660.9	1744.2
99°	1411.9	1636.5	1710.6
100°	1376.4	1603.1	1691.8
101°	1344.1	1565.4	1646.1
102°	1312.7	1536.1	1614.2
103°	1279.7	1503.6	1582.0
104°	1244.3	1468.8	1547.8
105°	1208.2	1432.7	1513.4
106°	1171.4	1395.8	1476.0
107°	1134.8	1358.8	1439.5
108°	1097.1	1319.6	1400.0
109°	1061.2	1280.5	1359.9
110°	1025.9	1240.9	1319.4
111°	992.0	1201.9	1279.6
112°	960.2	1164.4	1240.2
113°	928.5	1126.5	1200.6
114°	896.8	1089.1	1162.2
115°	864.3	1054.6	1124.2
116°	833.5	1018.7	1088.2
117°	802.4	985.4	1052.0
118°	772.1	952.8	1017.1
119°	742.5	920.2	982.1
120°	713.5	887.5	949.0
121°	685.2	854.4	915.9
122°	657.2	822.0	882.8
123°	629.6	790.7	850.2
124°	601.7	759.6	817.8
125°	574.6	728.6	784.6
126°	547.5	698.2	752.2
127°	521.2	667.9	721.7
128°	495.7	638.6	690.4
129°	470.8	609.3	658.8
130°	445.6	580.7	629.1
131°	421.1	552.1	600.0
132°	397.2	524.0	570.8
133°	373.7	496.5	542.4
134°	350.3	469.6	514.2

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CATALOG NUMBER: CWP75 (60W-5000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
135°	328.1	443.4	486.4
136°	306.2	418.2	460.2
137°	286.1	393.5	433.8
138°	266.4	369.2	408.7
139°	248.6	345.1	384.0
140°	231.9	320.9	359.4
141°	215.4	296.4	334.1
142°	198.9	271.7	308.3
143°	182.9	247.0	282.4
144°	168.3	222.8	256.2
145°	154.3	200.0	229.8
146°	141.5	178.8	204.2
147°	130.0	159.8	179.3
148°	120.0	142.6	155.6
149°	111.8	128.3	135.7
150°	106.1	119.7	123.8
151°	101.6	116.7	122.5
152°	96.4	114.3	121.4
153°	90.8	108.8	115.6
154°	85.1	102.0	108.4
155°	79.1	95.1	100.8
156°	73.4	88.1	93.7
157°	67.9	81.2	86.6
158°	62.7	75.0	79.5
159°	57.6	69.1	73.3
160°	52.5	63.4	67.3
161°	47.8	57.7	61.4
162°	43.1	52.4	55.8
163°	38.9	47.4	50.6
164°	34.5	42.6	45.5
165°	30.0	37.9	40.7
166°	25.4	32.9	35.7
167°	21.3	27.6	30.1
168°	17.6	22.7	24.8
169°	14.0	18.6	20.2
170°	10.4	14.6	16.1
171°	6.8	10.7	12.3
172°	3.1	6.7	8.6
173°	1.4	2.7	5.0
174°	1.4	1.4	1.4
175°	1.4	1.3	1.3
176°	1.4	1.3	1.3
177°	1.5	1.4	1.3
178°	1.5	1.4	1.3
179°	1.5	1.4	1.4

REPORT NUMBER: P1444962

CATALOG NUMBER: CWP75 (60W-5000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	1.4	1.4	1.4

(END OF REPORT)