

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: P1444961

Luminaire Tested: CWP75 (60W-4000K)

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2024
Report Number: P1444961
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-4000K)
Description: COMPACT WALL PACK, 75W
SET TO 60W, 4000K CCT
Light Source: 3000K/5000K CCT, 80 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8250 lumens
Efficiency: N/A
Efficacy: 144.2 lumens/watt
Luminous Opening: Point Source (0m x 0m x 0m)
IES Classification: Type IV - Short
BUG Rating: B0 - U5 - G5

Input Watts (W): 57.2
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



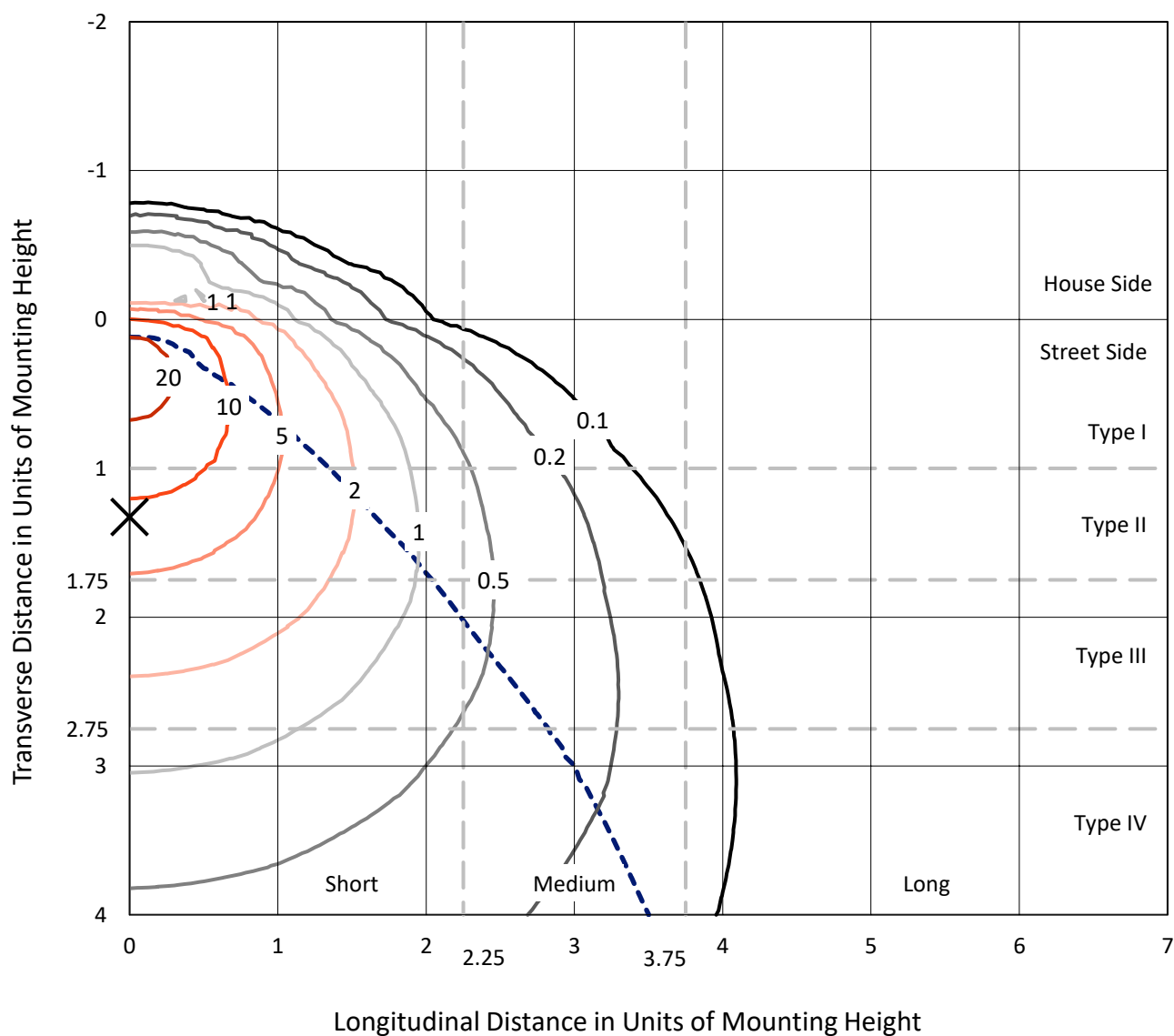
REPORT NUMBER: P1444961

CATALOG NUMBER: CWP75 (60W-4000K)

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



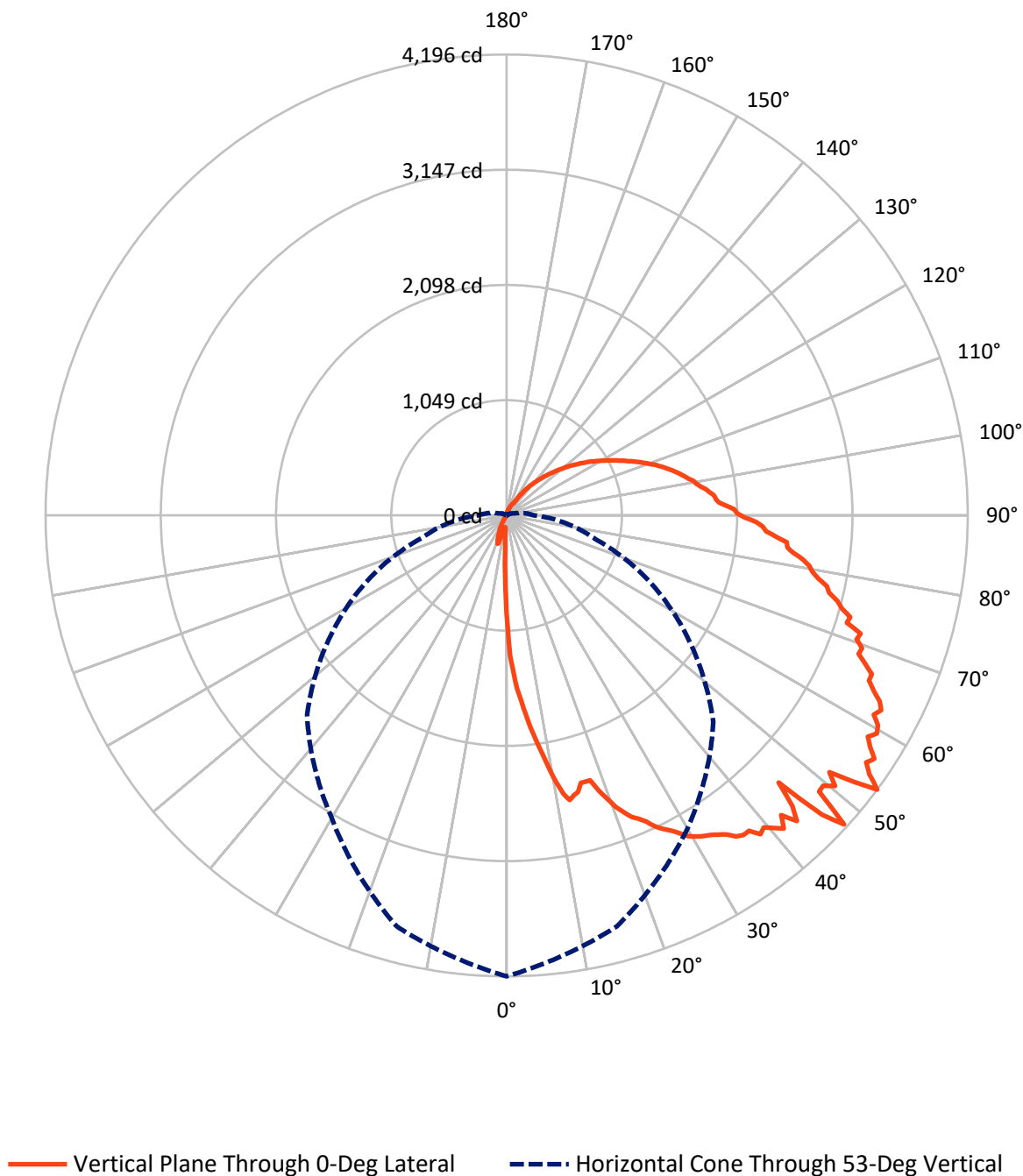
Based on 10 foot mounting height. Maximum calculated value = 23.7 fc

Type IV - Short - N/A

REPORT NUMBER: P1444961

CATALOG NUMBER: CWP75 (60W-4000K)

Luminous Intensity Polar Plot



REPORT NUMBER: P1444961

CATALOG NUMBER: CWP75 (60W-4000K)

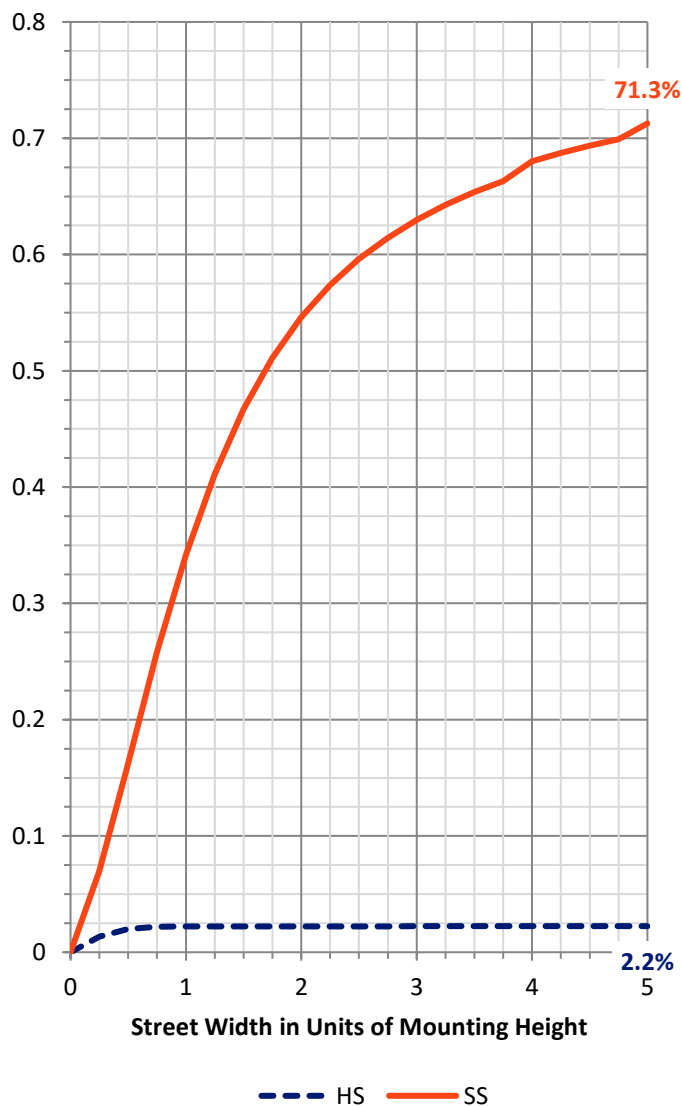
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	187.1	7.9	195.0
	% Fixture	2.3	0.1	2.4
Street Side	Lumens	6444.3	1610.8	8055.0
	% Fixture	78.1	19.5	97.6
Total	Lumens	6631.4	1618.6	8250.0
	% Fixture	80.4	19.6	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.9	1.2
10°-20°	330.9	4.0
20°-30°	575.1	7.0
30°-40°	801.0	9.7
40°-50°	965.8	11.7
50°-60°	1074.8	13.0
60°-70°	1078.9	13.1
70°-80°	956.3	11.6
80°-90°	751.8	9.1
90°-100°	573.1	6.9
100°-110°	432.4	5.2
110°-120°	290.5	3.5
120°-130°	175.7	2.1
130°-140°	92.1	1.1
140°-150°	37.7	0.5
150°-160°	13.5	0.2
160°-170°	3.4	0.0
170°-180°	0.2	0.0
0°-90°	6631.4	80.4
0°-180°	8250.0	100.0

Coefficient of Utilization



REPORT NUMBER: P1444961

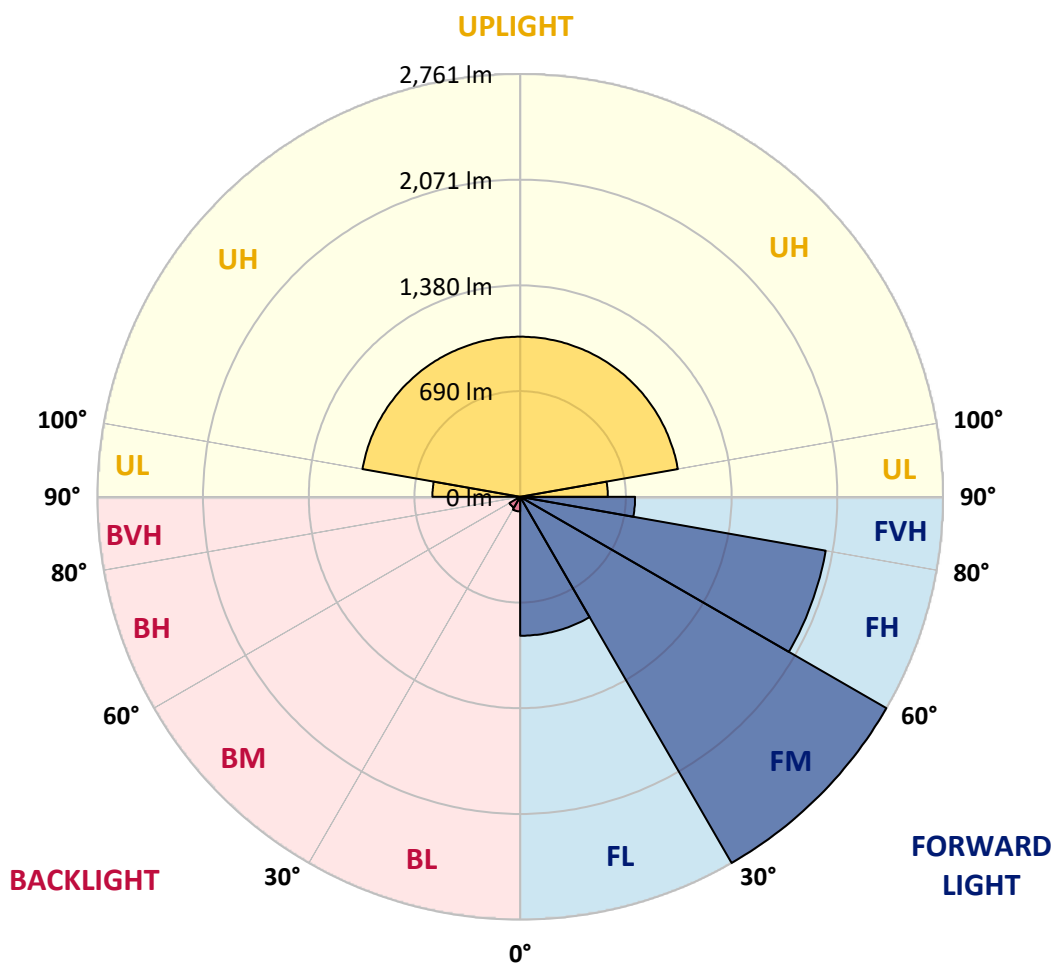
CATALOG NUMBER: CWP75 (60W-4000K)

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	907.2	11.0			
FM	(30°-60°)	2761.0	33.5			
FH	(60°-80°)	2025.7	24.6			G2/5000
FVH	(80°-90°)	750.4	9.1			G5
BL	(0°-30°)	95.7	1.2	B0/110		
BM	(30°-60°)	80.6	1.0	B0/220		
BH	(60°-80°)	9.5	0.1	B0/110		G0/110
BVH	(80°-90°)	1.3	0.0			G0/10
UL	(90°-100°)	573.1	6.9		U4/1000	
UH	(100°-180°)	1045.6	12.7		U5	

BUG Rating: B0-U5-G5

Type IV Short



REPORT NUMBER: P1444961

CATALOG NUMBER: CWP75 (60W-4000K)

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	1017.2	1017.2	1017.2	1017.2	1017.2	1017.2	1017.2	1017.2	1017.2	1017.2	1017.2
1°	1283.9	1284.7	1264.4	1226.4	1171.0	1110.6	977.6	919.9	864.1	814.9	781.9
2°	1432.7	1429.2	1413.3	1381.4	1307.3	1180.5	979.4	854.0	727.5	639.7	586.5
3°	1586.0	1568.7	1519.5	1454.0	1398.3	1250.3	977.4	779.8	617.8	492.6	382.3
4°	1689.0	1670.6	1641.8	1570.3	1439.9	1307.5	970.2	706.1	510.9	326.2	250.7
5°	1823.0	1805.4	1744.4	1647.8	1507.9	1365.3	974.9	650.5	386.4	248.1	170.0
6°	1945.7	1920.7	1844.0	1725.4	1599.0	1393.0	963.9	593.3	318.6	170.5	128.8
7°	2068.3	2035.7	1949.2	1824.1	1637.7	1409.9	959.1	536.2	250.8	132.1	114.9
8°	2190.9	2150.6	2054.5	1887.8	1681.8	1437.7	956.6	473.3	183.3	117.3	108.3
9°	2331.2	2291.5	2159.8	1973.9	1758.0	1461.8	944.6	406.0	145.5	110.0	107.7
10°	2466.0	2425.3	2284.4	2060.7	1799.7	1489.5	936.6	347.6	126.2	107.1	111.7
11°	2583.6	2549.3	2401.5	2147.5	1836.4	1528.9	926.1	300.4	116.8	108.0	117.2
12°	2653.0	2627.1	2498.9	2234.8	1902.1	1540.2	910.4	263.0	112.0	111.7	124.1
13°	2620.3	2654.0	2580.3	2319.9	1949.1	1547.6	898.1	231.9	109.1	116.7	130.4
14°	2600.0	2593.8	2629.6	2397.5	1992.8	1556.4	879.0	200.9	108.1	122.5	135.4
15°	2525.4	2548.7	2583.2	2480.3	2036.4	1551.3	859.1	175.2	108.6	129.1	144.5
16°	2527.4	2528.6	2554.8	2526.2	2080.1	1559.2	842.7	152.4	110.7	135.8	162.7
17°	2529.1	2490.4	2464.8	2542.9	2112.9	1561.6	819.8	134.1	113.8	143.7	193.0
18°	2640.1	2551.0	2465.7	2487.7	2158.3	1551.6	798.9	121.4	117.8	153.7	223.2
19°	2734.1	2653.5	2417.9	2435.7	2190.4	1543.6	781.7	113.1	122.7	166.7	245.7
20°	2830.0	2762.7	2482.2	2363.9	2204.0	1542.9	757.2	107.7	128.8	181.6	254.2
21°	2903.0	2839.7	2583.2	2305.5	2224.2	1537.9	741.9	104.0	135.1	196.4	252.1
22°	2968.5	2898.9	2673.7	2284.5	2228.4	1541.6	725.7	101.6	142.2	207.9	245.1
23°	3011.5	2950.8	2741.8	2247.7	2213.3	1544.4	706.9	99.9	150.1	214.0	229.8
24°	3063.4	3003.4	2791.7	2285.6	2174.3	1536.3	693.0	99.1	157.9	214.9	214.4
25°	3136.0	3064.6	2842.3	2347.7	2113.6	1544.4	677.4	99.4	164.3	212.1	199.1
26°	3187.8	3116.5	2888.1	2404.4	2051.9	1541.5	662.4	100.5	170.2	206.3	183.4
27°	3232.3	3165.7	2931.6	2451.2	1986.6	1542.3	652.1	102.6	173.9	198.8	168.2
28°	3290.0	3214.3	2973.8	2484.1	1923.4	1550.4	639.5	105.6	177.0	189.8	152.9
29°	3354.1	3266.8	3013.4	2509.0	1895.2	1545.8	626.2	109.4	177.7	179.0	138.5
30°	3391.6	3319.6	3044.4	2533.3	1848.6	1547.4	615.3	113.7	175.8	167.9	123.5
31°	3423.7	3360.6	3080.2	2552.2	1817.4	1540.7	598.6	118.6	172.5	155.2	109.2
32°	3448.1	3399.4	3110.2	2555.9	1829.2	1535.4	585.7	123.5	168.2	142.0	95.2
33°	3484.6	3427.2	3145.8	2569.9	1857.1	1530.9	567.4	128.3	162.2	129.3	82.2
34°	3522.8	3450.0	3175.8	2586.7	1875.2	1516.9	554.1	132.4	155.6	116.9	69.8
35°	3589.1	3491.2	3200.5	2597.0	1888.6	1495.7	538.4	136.0	148.0	105.0	58.3
36°	3620.6	3542.2	3219.3	2595.5	1897.0	1485.9	523.5	138.4	139.7	93.7	47.8
37°	3619.9	3557.6	3252.1	2597.5	1899.6	1453.0	506.9	140.2	131.3	83.0	38.8
38°	3708.4	3590.3	3275.7	2601.1	1892.6	1426.7	490.4	140.8	122.6	72.5	32.6
39°	3679.5	3616.9	3278.3	2605.4	1882.3	1395.0	474.7	140.4	113.8	61.9	27.7
40°	3742.5	3608.9	3294.0	2607.5	1879.0	1359.7	459.4	139.1	105.5	52.6	23.9
41°	3805.7	3677.5	3288.5	2599.8	1876.8	1316.5	444.5	136.5	97.2	44.3	20.1
42°	3699.8	3674.5	3302.6	2599.4	1874.6	1268.5	430.2	132.7	89.1	36.6	16.3
43°	3835.7	3660.2	3340.7	2608.9	1867.2	1224.6	415.1	128.2	81.5	29.7	13.9
44°	3711.7	3724.8	3312.4	2616.6	1863.9	1174.5	400.8	123.2	74.2	25.1	11.0

REPORT NUMBER: P1444961

CATALOG NUMBER: CWP75 (60W-4000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	3470.8	3569.2	3323.4	2617.2	1863.9	1123.0	384.5	117.9	67.2	20.4	2.1
46°	3954.6	3512.4	3313.6	2619.0	1856.7	1072.6	367.4	112.3	60.8	15.8	0.7
47°	4162.6	3868.8	3223.5	2618.7	1850.8	1027.3	351.2	106.4	54.6	11.1	0.8
48°	3795.0	3950.5	3242.6	2618.0	1836.8	978.5	333.6	100.6	48.4	7.6	0.8
49°	3788.3	3738.3	3385.1	2623.7	1817.2	935.3	317.4	94.8	41.7	5.7	0.8
50°	3873.2	3726.1	3390.4	2584.5	1804.9	903.9	298.6	89.0	35.6	3.4	0.9
51°	3754.6	3727.0	3330.0	2579.7	1788.2	881.0	282.0	83.3	30.2	0.7	0.9
52°	3980.8	3672.1	3343.3	2644.8	1762.0	858.6	263.1	77.7	25.6	0.7	1.0
53°	4195.5	3873.1	3290.8	2659.0	1742.1	836.5	247.6	72.3	21.0	0.7	1.0
54°	4054.1	3990.9	3241.6	2628.5	1709.7	807.9	232.8	67.1	16.5	0.8	1.0
55°	3970.4	3876.7	3348.7	2616.9	1675.3	784.6	217.9	61.9	12.9	0.8	1.1
56°	4012.4	3839.4	3413.1	2602.3	1676.9	758.6	203.1	56.9	9.6	0.8	1.1
57°	3921.7	3855.0	3397.8	2581.6	1663.0	733.5	191.2	52.1	6.4	0.9	1.2
58°	3854.8	3776.7	3379.0	2604.7	1620.1	708.9	178.8	47.4	4.2	0.9	1.2
59°	3909.5	3737.4	3351.1	2610.1	1584.1	687.0	168.1	42.8	2.4	1.0	1.3
60°	3882.2	3774.8	3304.9	2595.9	1553.5	672.5	156.9	38.5	0.8	1.0	1.3
61°	3801.9	3740.2	3288.4	2566.3	1524.2	656.6	146.3	34.5	0.7	1.1	1.4
62°	3841.8	3676.6	3286.9	2537.3	1506.9	633.8	135.9	30.7	0.7	1.1	1.5
63°	3794.0	3701.1	3278.1	2510.1	1491.1	611.9	126.1	27.2	0.7	1.2	1.5
64°	3697.1	3650.0	3271.5	2481.3	1462.9	593.5	116.7	23.7	0.7	1.2	1.6
65°	3624.9	3548.6	3264.5	2451.4	1433.3	575.9	107.6	20.2	0.8	1.2	1.7
66°	3622.8	3508.8	3217.2	2432.2	1399.4	562.2	99.1	16.7	0.8	1.3	1.7
67°	3531.8	3492.5	3144.3	2424.4	1368.9	546.3	90.5	13.4	0.8	1.3	1.8
68°	3441.8	3376.6	3100.0	2396.1	1342.3	528.2	82.6	10.5	0.9	1.4	1.8
69°	3452.6	3337.5	3041.9	2350.3	1310.6	509.7	74.8	7.8	0.9	1.4	1.9
70°	3378.8	3296.9	2973.4	2313.7	1287.6	492.5	67.3	5.5	0.9	1.5	2.0
71°	3395.7	3279.8	2948.0	2268.8	1258.2	475.0	60.2	3.5	0.9	1.5	2.0
72°	3246.8	3212.5	2905.5	2217.7	1223.2	460.6	53.5	1.9	1.0	1.6	2.1
73°	3260.4	3139.2	2886.8	2183.5	1188.8	446.1	47.0	1.2	1.0	1.6	2.1
74°	3164.3	3100.5	2793.1	2150.7	1150.1	429.2	41.0	1.0	1.0	1.7	2.2
75°	3107.1	3038.0	2748.0	2112.1	1120.6	412.4	35.6	0.8	1.1	1.7	2.3
76°	3019.5	2954.2	2664.7	2069.1	1088.7	394.6	30.6	0.7	1.1	1.8	2.3
77°	2984.9	2918.1	2598.0	2016.3	1062.0	378.9	26.3	0.6	1.1	1.8	2.4
78°	2899.9	2827.1	2552.2	1962.7	1031.4	364.3	22.0	0.6	1.2	1.9	2.4
79°	2832.5	2755.9	2472.5	1905.9	992.5	349.3	17.8	0.6	1.2	1.9	2.5
80°	2793.3	2681.3	2403.2	1848.4	960.0	333.2	14.3	0.6	1.2	2.0	2.6
81°	2728.1	2652.9	2348.1	1796.1	928.6	317.9	11.1	0.6	1.3	2.0	2.6
82°	2634.9	2564.2	2276.1	1751.9	897.1	302.5	8.3	0.6	1.3	2.0	2.7
83°	2571.2	2480.4	2194.0	1691.9	865.7	288.1	6.0	0.7	1.3	2.1	2.7
84°	2561.1	2468.6	2156.2	1630.4	827.9	274.5	4.0	0.7	1.3	2.1	2.7
85°	2456.8	2377.6	2100.9	1604.3	817.1	264.9	2.4	0.7	1.4	2.1	2.8
86°	2365.8	2292.9	2011.5	1528.2	777.7	251.6	1.4	0.7	1.4	2.2	2.8
87°	2333.3	2246.6	1969.5	1492.9	756.6	242.1	0.8	0.7	1.4	2.2	2.9
88°	2271.9	2186.1	1909.5	1437.4	727.2	232.1	0.4	0.8	1.5	2.2	2.9
89°	2165.6	2082.5	1816.3	1379.3	706.4	224.5	0.3	0.8	1.5	2.3	3.0

REPORT NUMBER: P1444961

CATALOG NUMBER: CWP75 (60W-4000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	2098.1	2020.3	1773.8	1346.1	686.0	217.6	0.3	0.8	1.5	2.3	3.0
91°	2072.0	1989.8	1730.6	1303.2	671.0	210.9	0.3	0.8	1.6	2.4	3.1
92°	2002.1	1918.6	1669.5	1277.7	658.9	204.2	0.3	0.8	1.6	2.4	3.1
93°	1934.2	1860.3	1642.8	1262.8	646.1	196.9	0.3	0.9	1.6	2.4	3.1
94°	1910.5	1842.9	1625.7	1237.8	630.4	189.9	0.3	0.9	1.6	2.5	3.2
95°	1894.8	1822.0	1596.5	1211.7	611.9	182.5	0.4	0.9	1.7	2.5	3.2
96°	1859.3	1786.1	1569.1	1181.6	590.5	174.7	0.4	0.9	1.7	2.5	3.2
97°	1829.9	1755.8	1533.2	1142.7	569.4	167.7	0.4	0.9	1.7	2.5	3.3
98°	1783.4	1711.7	1494.5	1111.3	549.8	160.0	0.4	0.9	1.7	2.6	3.3
99°	1750.0	1680.8	1464.9	1079.6	530.6	153.2	0.4	1.0	1.8	2.6	3.3
100°	1729.7	1655.1	1428.8	1046.8	513.0	146.7	0.4	1.0	1.8	2.6	3.4
101°	1686.4	1615.2	1395.2	1015.2	494.4	140.1	0.4	1.0	1.8	2.6	3.4
102°	1653.9	1584.0	1363.7	983.0	475.2	133.3	0.4	1.0	1.8	2.7	3.4
103°	1622.3	1550.9	1329.5	963.1	456.6	126.9	0.4	1.0	1.8	2.7	3.4
104°	1587.5	1516.6	1293.3	925.3	438.9	121.1	0.4	1.0	1.9	2.7	3.4
105°	1552.0	1479.3	1257.0	887.3	421.3	115.8	0.5	1.1	1.9	2.7	3.4
106°	1515.3	1442.1	1220.0	853.6	403.0	110.7	0.5	1.1	1.9	2.7	3.4
107°	1477.5	1403.8	1182.3	820.8	386.1	105.6	0.5	1.1	1.9	2.7	3.4
108°	1438.5	1365.5	1143.6	788.6	370.4	101.1	0.5	1.1	1.9	2.7	3.4
109°	1397.0	1324.2	1105.5	757.6	355.1	97.0	0.5	1.1	1.9	2.7	3.4
110°	1355.6	1284.0	1068.3	727.3	340.5	93.3	0.5	1.1	1.9	2.7	3.4
111°	1315.1	1244.3	1032.9	697.2	326.5	89.6	0.5	1.1	1.9	2.7	3.4
112°	1274.7	1205.4	997.8	668.5	313.0	85.8	0.5	1.1	1.9	2.7	3.4
113°	1235.4	1166.0	963.4	640.6	299.1	82.2	0.5	1.1	1.9	2.6	3.3
114°	1195.7	1128.4	931.7	614.0	285.6	78.4	0.5	1.1	1.8	2.6	3.3
115°	1158.0	1092.2	900.0	587.3	272.1	74.6	0.5	1.1	1.8	2.6	3.2
116°	1120.5	1055.9	868.3	561.8	258.9	70.7	0.5	1.1	1.8	2.5	3.2
117°	1083.2	1019.9	836.4	536.6	247.3	67.2	0.5	1.1	1.8	2.5	3.2
118°	1047.4	985.5	805.0	513.1	236.8	63.6	0.6	1.1	1.8	2.5	3.2
119°	1012.1	944.0	774.2	489.9	226.5	59.6	0.6	1.1	1.8	2.5	3.1
120°	978.1	914.9	743.7	467.0	215.9	55.4	0.6	1.1	1.8	2.5	3.1
121°	944.6	885.9	714.4	445.3	205.6	51.8	0.6	1.1	1.8	2.5	3.1
122°	911.1	852.6	685.5	423.4	194.8	48.9	0.6	1.2	1.8	2.5	3.1
123°	877.6	820.1	656.9	401.8	184.2	46.5	0.6	1.2	1.8	2.5	3.1
124°	844.4	787.9	628.3	381.1	173.6	44.5	0.6	1.2	1.8	2.5	3.1
125°	809.8	755.4	600.3	362.3	163.6	42.9	0.6	1.2	1.9	2.5	3.1
126°	776.6	724.3	572.3	345.1	154.2	41.3	0.7	1.2	1.9	2.5	3.1
127°	745.6	693.7	545.1	328.9	145.9	39.6	0.7	1.2	1.9	2.5	3.1
128°	713.3	663.1	518.5	312.1	138.8	38.0	0.7	1.2	1.9	2.5	3.1
129°	681.2	632.3	492.4	296.1	132.9	36.8	0.7	1.3	1.9	2.6	3.1
130°	650.2	602.6	466.5	281.0	128.2	35.7	0.8	1.3	1.9	2.6	3.1
131°	620.2	573.4	441.2	266.4	124.7	34.8	0.8	1.3	1.9	2.6	3.1
132°	589.8	543.9	415.9	251.8	120.4	34.0	0.8	1.3	2.0	2.6	3.2
133°	560.6	516.0	391.4	237.4	114.8	33.0	0.8	1.4	2.0	2.6	3.2
134°	531.9	488.2	367.5	223.8	108.4	31.6	0.9	1.4	2.0	2.6	3.2

REPORT NUMBER: P1444961

CATALOG NUMBER: CWP75 (60W-4000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
135°	503.3	461.0	344.5	210.6	102.4	30.1	0.9	1.4	2.0	2.6	3.2
136°	476.1	434.5	322.3	198.0	97.1	28.7	0.9	1.4	2.0	2.6	3.2
137°	449.0	409.0	301.1	186.0	92.3	27.2	1.0	1.5	2.1	2.7	3.2
138°	422.8	383.3	280.7	174.5	87.4	25.6	1.0	1.5	2.1	2.7	3.2
139°	397.1	358.6	261.9	163.9	82.5	24.1	1.0	1.5	2.1	2.7	3.2
140°	371.4	333.6	244.2	153.9	78.7	22.7	1.1	1.6	2.1	2.7	3.2
141°	345.4	308.2	226.8	144.5	75.3	21.3	1.1	1.6	2.1	2.7	3.2
142°	318.7	282.6	209.9	135.9	72.1	19.8	1.2	1.6	2.2	2.7	3.2
143°	291.6	257.2	193.6	128.3	69.4	18.4	1.2	1.7	2.2	2.7	3.2
144°	264.6	232.3	178.6	121.5	67.2	17.0	1.3	1.7	2.2	2.7	3.2
145°	237.6	209.1	164.3	115.0	64.2	15.6	1.3	1.7	2.2	2.7	3.1
146°	210.9	187.4	150.7	108.5	60.5	14.1	1.4	1.8	2.2	2.7	3.1
147°	185.1	167.2	138.1	102.4	56.1	12.6	1.4	1.8	2.2	2.7	3.1
148°	160.4	148.8	127.1	97.4	51.6	11.2	1.5	1.8	2.3	2.7	3.1
149°	139.2	133.8	117.7	92.6	47.4	10.0	1.5	1.9	2.3	2.6	3.0
150°	127.1	123.5	110.7	87.9	43.8	8.9	1.6	1.9	2.3	2.6	3.0
151°	125.8	119.4	106.1	83.1	40.6	7.7	1.6	1.9	2.3	2.6	3.0
152°	124.7	117.5	101.8	78.1	37.7	6.8	1.6	1.9	2.3	2.6	2.9
153°	118.6	112.4	95.8	73.0	35.0	6.0	1.7	1.9	2.3	2.5	2.9
154°	111.2	105.7	89.6	67.9	32.4	5.1	1.7	2.0	2.3	2.5	2.8
155°	103.4	98.4	83.4	62.3	29.8	4.1	1.8	2.0	2.2	2.5	2.7
156°	95.1	91.6	77.2	56.5	27.4	3.2	1.8	2.0	2.2	2.4	2.7
157°	88.5	84.7	71.3	50.7	25.1	2.4	1.8	2.0	2.2	2.4	2.6
158°	81.8	77.8	65.8	45.2	23.0	1.8	1.9	2.0	2.2	2.4	2.5
159°	75.2	71.8	60.5	40.1	20.8	1.8	1.9	2.0	2.2	2.4	2.5
160°	69.0	65.7	55.2	35.6	18.7	1.8	1.9	2.1	2.2	2.3	2.4
161°	63.0	59.9	49.5	31.6	16.7	1.8	2.0	2.1	2.2	2.3	2.4
162°	57.2	54.3	43.9	28.0	14.6	1.7	2.0	2.1	2.2	2.3	2.3
163°	51.9	49.2	38.7	24.9	12.3	1.7	2.0	2.1	2.2	2.2	2.2
164°	46.7	44.3	33.7	22.1	10.0	1.7	2.0	2.1	2.2	2.2	2.2
165°	41.7	39.3	29.2	19.6	7.7	1.8	2.1	2.1	2.2	2.2	2.1
166°	36.5	34.0	25.0	17.2	5.4	1.8	2.1	2.1	2.2	2.2	2.1
167°	30.8	28.4	21.4	14.5	3.5	1.9	2.1	2.1	2.1	2.1	2.0
168°	25.2	23.2	18.6	11.6	2.1	1.9	2.1	2.1	2.1	2.1	2.0
169°	20.6	19.1	15.5	8.6	1.8	1.9	2.1	2.1	2.1	2.1	2.0
170°	16.4	15.3	12.0	5.6	1.8	1.8	2.1	2.1	2.1	2.0	1.9
171°	12.6	11.6	8.6	2.7	1.7	1.8	2.1	2.1	2.1	2.0	1.9
172°	8.9	8.2	5.2	1.6	1.7	1.8	2.1	2.1	2.1	2.0	1.9
173°	5.2	4.8	1.8	1.6	1.7	1.8	2.1	2.1	2.1	2.0	1.9
174°	1.4	1.4	1.5	1.6	1.7	1.9	2.1	2.1	2.1	2.0	1.8
175°	1.3	1.3	1.4	1.6	1.8	1.9	2.1	2.1	2.0	2.0	1.8
176°	1.3	1.4	1.4	1.6	1.7	1.9	2.1	2.1	2.0	1.9	1.8
177°	1.4	1.4	1.4	1.6	1.7	1.8	2.1	2.1	2.0	1.9	1.8
178°	1.4	1.4	1.4	1.5	1.6	1.8	2.1	2.1	2.0	1.9	1.8
179°	1.4	1.3	1.4	1.5	1.6	1.7	2.1	2.1	2.0	1.9	1.8



REPORT NUMBER: P1444961
CATALOG NUMBER: CWP75 (60W-4000K)

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: P1444961

CATALOG NUMBER: CWP75 (60W-4000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	1017.2	1017.2	1017.2	1017.2	1017.2	1017.2	1017.2	1017.2	1017.2	1017.2	1017.2
1°	769.8	770.8	789.8	829.5	882.7	937.9	994.5	983.9	1042.3	1104.8	1169.3
2°	556.1	550.4	573.7	620.0	693.2	803.8	934.5	979.7	1102.2	1240.4	1345.6
3°	328.2	320.3	346.0	422.6	547.3	676.9	874.3	985.1	1176.6	1361.9	1427.1
4°	215.2	206.2	224.1	268.3	375.3	577.0	798.4	983.6	1246.6	1415.4	1536.2
5°	142.8	137.9	146.9	183.9	296.8	462.4	724.3	976.6	1303.7	1464.9	1625.7
6°	119.4	117.2	120.0	132.7	218.3	342.1	664.1	979.4	1355.5	1548.7	1689.5
7°	109.9	108.8	110.0	116.2	140.5	283.8	608.4	970.0	1378.1	1611.3	1787.6
8°	107.8	108.0	107.3	108.7	120.2	225.6	553.8	960.5	1389.5	1642.1	1854.6
9°	111.4	112.7	110.4	106.7	111.7	167.6	496.9	953.8	1413.3	1700.9	1933.4
10°	117.6	119.9	116.4	109.6	107.2	137.0	432.1	938.1	1432.4	1759.8	2012.5
11°	125.3	127.6	123.9	115.0	106.4	122.6	369.7	926.1	1458.0	1788.5	2091.6
12°	130.6	131.1	130.1	121.7	109.1	114.5	316.9	907.4	1474.9	1831.8	2186.6
13°	133.4	133.2	133.7	128.7	113.7	109.5	274.0	892.0	1475.2	1878.6	2269.1
14°	141.8	144.2	142.4	134.4	119.0	106.4	242.8	873.6	1475.9	1911.0	2343.4
15°	166.9	177.7	165.5	141.7	125.1	105.0	211.5	854.6	1476.4	1948.2	2416.0
16°	210.4	229.9	205.4	156.4	131.6	105.0	180.4	836.6	1474.8	1985.4	2455.0
17°	252.2	265.4	246.8	180.4	138.4	106.7	156.4	816.8	1476.4	2022.7	2476.3
18°	270.2	269.2	266.2	208.1	146.7	109.8	137.4	799.1	1471.0	2051.5	2419.1
19°	266.3	262.4	263.7	228.6	157.4	114.7	122.9	782.2	1462.4	2078.2	2363.8
20°	258.8	246.3	256.8	240.9	170.2	120.7	112.6	763.3	1465.3	2105.0	2294.4
21°	243.1	227.6	239.8	242.5	182.2	127.6	105.1	748.9	1466.0	2122.0	2239.1
22°	224.6	208.9	222.7	237.5	192.2	134.9	100.3	736.2	1470.7	2122.7	2207.8
23°	206.1	190.3	205.7	223.6	198.9	142.2	96.7	722.7	1468.3	2115.0	2170.6
24°	188.4	174.9	187.6	209.8	200.4	148.6	94.1	712.6	1466.5	2076.9	2218.5
25°	172.4	157.9	172.3	195.9	198.3	154.3	92.9	703.0	1468.8	2007.8	2278.9
26°	157.4	143.7	156.4	180.1	194.2	159.7	92.4	689.4	1473.2	1965.1	2336.2
27°	143.4	130.7	142.9	164.5	188.2	163.6	92.7	680.6	1473.8	1900.3	2382.9
28°	129.5	116.3	128.2	149.6	179.9	166.2	94.2	670.4	1476.6	1838.7	2410.7
29°	116.0	103.9	114.1	134.6	170.5	166.9	96.4	657.8	1478.5	1817.1	2428.4
30°	101.4	86.6	100.1	120.2	160.5	166.0	99.7	646.5	1473.9	1768.3	2447.2
31°	83.7	66.3	83.3	106.8	149.5	163.9	103.4	628.9	1469.2	1745.1	2464.0
32°	67.5	47.6	66.7	94.1	138.4	160.2	107.4	614.9	1457.2	1764.1	2482.1
33°	54.0	40.6	52.7	81.7	125.6	154.8	111.1	604.2	1444.7	1789.7	2492.7
34°	43.9	37.0	42.8	69.2	113.5	148.0	114.6	587.2	1437.3	1809.0	2497.5
35°	36.3	33.9	36.6	57.5	102.2	140.8	117.8	580.0	1422.2	1825.4	2504.3
36°	31.1	30.7	31.5	48.2	91.3	133.2	120.4	560.2	1398.0	1829.7	2508.4
37°	28.2	24.8	28.1	39.8	80.6	125.4	122.2	545.6	1377.7	1825.7	2512.3
38°	24.9	21.7	24.6	32.8	71.2	116.9	122.8	527.6	1355.7	1817.9	2515.2
39°	21.5	18.6	21.2	26.9	61.2	108.8	122.9	514.2	1332.4	1816.2	2515.6
40°	18.2	15.3	17.8	23.0	51.4	100.7	122.0	498.7	1288.6	1814.1	2517.0
41°	14.1	2.5	13.9	19.2	43.3	93.1	120.0	484.8	1246.1	1812.7	2516.3
42°	2.0	0.8	2.3	15.3	36.0	85.7	117.3	469.4	1204.5	1810.9	2522.9
43°	0.7	0.8	0.8	12.8	29.5	78.7	114.2	450.5	1159.7	1809.5	2523.8
44°	0.8	0.8	0.8	9.8	24.8	72.0	110.7	434.1	1103.0	1806.6	2528.4

REPORT NUMBER: P1444961

CATALOG NUMBER: CWP75 (60W-4000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	0.8	0.9	0.8	2.1	20.0	65.5	107.0	412.3	1055.7	1802.7	2531.9
46°	0.9	0.9	0.9	0.8	15.2	59.3	103.0	395.5	1013.2	1796.0	2537.0
47°	0.9	1.0	0.9	0.8	10.9	53.4	98.6	373.8	960.9	1788.1	2536.7
48°	0.9	1.0	1.0	0.9	7.2	47.7	93.8	355.7	918.9	1777.4	2544.5
49°	1.0	1.1	1.0	0.9	5.2	41.6	88.8	333.6	890.2	1763.0	2526.9
50°	1.0	1.1	1.1	1.0	3.1	35.5	83.6	314.6	870.8	1744.4	2504.9
51°	1.1	1.2	1.1	1.0	0.9	29.9	78.0	293.3	849.8	1726.4	2535.4
52°	1.1	1.2	1.2	1.0	0.8	25.5	72.9	275.6	827.9	1708.4	2576.7
53°	1.2	1.3	1.2	1.1	0.9	21.2	67.8	257.5	802.7	1683.9	2567.3
54°	1.2	1.3	1.3	1.1	0.9	16.8	62.9	242.0	777.3	1656.1	2552.5
55°	1.3	1.4	1.3	1.2	0.9	13.0	58.1	225.6	751.2	1640.4	2537.0
56°	1.3	1.4	1.4	1.2	0.9	9.7	53.3	210.9	727.5	1626.8	2518.9
57°	1.4	1.5	1.4	1.3	1.0	6.6	48.7	196.3	706.1	1592.1	2517.1
58°	1.5	1.5	1.5	1.3	1.0	4.2	44.4	183.5	686.1	1560.9	2538.0
59°	1.5	1.6	1.6	1.4	1.1	2.4	40.2	170.8	670.1	1531.7	2542.1
60°	1.6	1.7	1.6	1.4	1.1	0.9	36.3	159.3	651.0	1507.9	2514.7
61°	1.7	1.8	1.7	1.5	1.1	0.8	32.6	148.4	630.0	1490.4	2484.5
62°	1.7	1.8	1.8	1.5	1.2	0.8	29.2	138.6	610.0	1470.7	2456.1
63°	1.8	1.9	1.9	1.6	1.2	0.8	26.0	128.4	592.2	1448.4	2432.0
64°	1.9	2.0	1.9	1.7	1.3	0.8	22.9	120.0	576.1	1422.5	2426.9
65°	1.9	2.1	2.0	1.7	1.3	0.9	19.8	112.2	559.1	1391.6	2397.6
66°	2.0	2.1	2.1	1.8	1.4	0.9	16.6	103.4	543.2	1360.8	2374.1
67°	2.1	2.2	2.1	1.9	1.4	0.9	13.5	96.0	526.7	1332.6	2355.0
68°	2.1	2.3	2.2	1.9	1.5	0.9	10.6	87.4	508.9	1304.5	2316.7
69°	2.2	2.3	2.3	2.0	1.5	1.0	8.0	78.9	492.8	1278.2	2286.7
70°	2.3	2.4	2.3	2.0	1.5	1.0	5.7	71.4	476.7	1249.2	2249.3
71°	2.4	2.5	2.4	2.1	1.6	1.0	3.8	64.4	460.6	1217.2	2202.7
72°	2.4	2.6	2.5	2.2	1.6	1.0	2.2	57.8	445.9	1185.4	2158.3
73°	2.5	2.6	2.5	2.2	1.7	1.1	1.4	51.7	429.9	1150.0	2122.3
74°	2.6	2.7	2.6	2.3	1.7	1.1	1.1	46.1	413.7	1115.9	2090.0
75°	2.6	2.8	2.7	2.3	1.8	1.1	0.9	40.8	396.8	1084.3	2046.3
76°	2.7	2.9	2.8	2.4	1.8	1.1	0.8	35.7	380.0	1053.4	2004.0
77°	2.8	2.9	2.8	2.5	1.9	1.2	0.7	31.1	364.5	1023.6	1947.4
78°	2.8	3.0	2.9	2.5	1.9	1.2	0.7	26.7	349.0	986.8	1891.6
79°	2.9	3.1	3.0	2.6	1.9	1.2	0.7	22.6	333.1	944.3	1839.9
80°	3.0	3.1	3.0	2.6	2.0	1.3	0.7	18.8	316.5	913.5	1773.3
81°	3.0	3.2	3.1	2.7	2.0	1.3	0.7	15.3	301.0	882.8	1732.7
82°	3.1	3.2	3.1	2.7	2.1	1.3	0.7	12.1	287.1	856.6	1682.0
83°	3.1	3.3	3.2	2.8	2.1	1.3	0.7	9.6	273.3	820.8	1616.9
84°	3.1	3.3	3.2	2.8	2.1	1.3	0.7	7.2	262.7	803.2	1587.0
85°	3.2	3.3	3.2	2.8	2.1	1.4	0.7	4.7	249.6	767.6	1518.4
86°	3.2	3.4	3.3	2.9	2.2	1.4	0.7	3.0	240.3	747.1	1476.5
87°	3.3	3.5	3.3	2.9	2.2	1.4	0.8	1.7	230.4	718.0	1431.1
88°	3.4	3.5	3.4	3.0	2.2	1.4	0.8	0.8	223.1	695.9	1367.4
89°	3.4	3.6	3.5	3.0	2.3	1.5	0.8	0.5	216.0	676.5	1329.7

REPORT NUMBER: P1444961

CATALOG NUMBER: CWP75 (60W-4000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
90°	3.5	3.6	3.5	3.1	2.3	1.5	0.8	0.3	209.8	661.0	1291.5
91°	3.5	3.7	3.6	3.1	2.3	1.5	0.8	0.3	203.3	649.8	1259.5
92°	3.6	3.7	3.6	3.1	2.4	1.6	0.8	0.3	196.5	636.7	1243.9
93°	3.6	3.8	3.6	3.2	2.4	1.6	0.9	0.3	189.6	623.1	1225.6
94°	3.6	3.8	3.7	3.2	2.4	1.6	0.9	0.3	182.3	605.8	1201.0
95°	3.7	3.9	3.7	3.2	2.5	1.6	0.9	0.3	174.7	585.5	1174.1
96°	3.7	3.9	3.8	3.3	2.5	1.6	0.9	0.3	168.0	565.6	1139.1
97°	3.8	3.9	3.8	3.3	2.5	1.7	0.9	0.3	160.4	545.7	1105.9
98°	3.8	4.0	3.8	3.3	2.6	1.7	1.0	0.3	153.5	526.9	1075.8
99°	3.8	4.0	3.9	3.4	2.6	1.7	1.0	0.3	147.3	509.8	1044.4
100°	3.9	4.1	3.9	3.4	2.6	1.7	1.0	0.3	140.7	492.3	1013.8
101°	3.9	4.1	3.9	3.4	2.6	1.8	1.0	0.3	133.9	473.3	983.4
102°	3.9	4.1	4.0	3.4	2.6	1.8	1.0	0.3	127.6	455.3	946.1
103°	3.9	4.1	4.0	3.5	2.7	1.8	1.1	0.3	121.7	437.4	919.0
104°	4.0	4.2	4.0	3.5	2.7	1.8	1.1	0.3	116.4	420.6	892.2
105°	4.0	4.2	4.0	3.5	2.7	1.8	1.1	0.3	111.2	403.5	859.2
106°	3.9	4.2	4.0	3.5	2.7	1.8	1.1	0.3	106.0	386.7	827.2
107°	3.9	4.1	4.0	3.5	2.7	1.8	1.1	0.3	101.3	371.0	795.7
108°	3.9	4.1	4.0	3.5	2.7	1.8	1.1	0.3	97.2	355.9	765.2
109°	3.9	4.1	4.0	3.5	2.7	1.9	1.1	0.3	93.4	341.8	735.2
110°	3.9	4.1	4.0	3.5	2.7	1.9	1.1	0.3	89.6	328.1	705.9
111°	3.9	4.1	4.0	3.5	2.7	1.9	1.2	0.3	85.8	314.8	677.0
112°	3.9	4.1	4.0	3.5	2.7	1.9	1.2	0.3	82.2	301.5	649.3
113°	3.8	4.0	3.9	3.4	2.7	1.9	1.2	0.3	78.5	288.0	622.0
114°	3.8	4.0	3.8	3.4	2.6	1.9	1.2	0.3	74.6	274.3	595.4
115°	3.7	3.9	3.8	3.3	2.6	1.9	1.2	0.3	70.7	261.1	569.6
116°	3.7	3.9	3.8	3.3	2.6	1.9	1.2	0.4	67.1	249.2	544.2
117°	3.7	3.9	3.8	3.3	2.6	1.9	1.2	0.4	63.6	238.6	520.3
118°	3.6	3.8	3.7	3.3	2.6	1.9	1.3	0.4	59.8	228.5	496.8
119°	3.6	3.8	3.7	3.3	2.6	1.9	1.3	0.4	56.0	218.3	474.2
120°	3.6	3.8	3.7	3.3	2.6	1.9	1.3	0.4	52.2	208.1	452.3
121°	3.6	3.8	3.7	3.3	2.7	2.0	1.3	0.4	49.1	197.7	431.6
122°	3.6	3.8	3.7	3.3	2.7	2.0	1.3	0.4	46.3	187.4	410.5
123°	3.6	3.8	3.7	3.3	2.7	2.0	1.4	0.4	44.2	176.8	389.3
124°	3.6	3.8	3.7	3.3	2.7	2.0	1.4	0.4	42.5	166.6	369.4
125°	3.6	3.8	3.7	3.3	2.7	2.1	1.4	0.4	41.1	157.0	351.6
126°	3.6	3.8	3.7	3.4	2.8	2.1	1.5	0.5	39.7	148.2	336.0
127°	3.6	3.8	3.7	3.4	2.8	2.1	1.5	0.5	38.1	140.3	319.4
128°	3.6	3.8	3.7	3.4	2.8	2.2	1.5	0.5	36.7	133.9	302.7
129°	3.6	3.8	3.7	3.4	2.9	2.2	1.6	0.5	35.6	128.7	287.3
130°	3.6	3.8	3.8	3.4	2.9	2.2	1.6	0.5	34.7	124.8	272.1
131°	3.6	3.8	3.8	3.4	2.9	2.3	1.6	0.6	33.8	120.9	257.5
132°	3.6	3.8	3.8	3.5	3.0	2.3	1.7	0.6	32.9	115.2	243.1
133°	3.6	3.8	3.8	3.5	3.0	2.3	1.7	0.6	31.8	108.9	229.3
134°	3.6	3.8	3.8	3.5	3.0	2.4	1.7	0.6	30.3	102.5	216.3

REPORT NUMBER: P1444961

CATALOG NUMBER: CWP75 (60W-4000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
135°	3.6	3.8	3.8	3.5	3.0	2.4	1.8	0.6	29.0	97.0	203.8
136°	3.6	3.8	3.7	3.5	3.0	2.4	1.8	0.7	27.6	92.0	191.0
137°	3.6	3.8	3.7	3.5	3.0	2.4	1.8	0.7	26.0	86.9	178.7
138°	3.6	3.8	3.7	3.5	3.1	2.5	1.9	0.7	24.3	82.7	167.6
139°	3.5	3.7	3.7	3.5	3.1	2.5	1.9	0.7	22.7	78.6	157.4
140°	3.5	3.7	3.7	3.5	3.1	2.5	1.9	0.8	21.1	75.0	147.8
141°	3.5	3.7	3.7	3.5	3.1	2.5	2.0	0.8	19.6	72.0	138.7
142°	3.5	3.7	3.7	3.5	3.1	2.5	2.0	0.8	18.1	69.2	130.8
143°	3.5	3.7	3.7	3.5	3.1	2.6	2.0	0.9	16.5	66.9	124.1
144°	3.5	3.7	3.7	3.5	3.1	2.6	2.1	0.9	15.0	64.5	118.0
145°	3.5	3.6	3.6	3.5	3.1	2.6	2.1	0.9	13.6	61.7	111.9
146°	3.4	3.6	3.6	3.5	3.1	2.6	2.2	1.0	12.2	58.3	105.7
147°	3.4	3.6	3.6	3.4	3.1	2.7	2.2	1.0	10.9	54.6	100.1
148°	3.4	3.5	3.6	3.4	3.1	2.7	2.3	1.0	9.6	51.1	95.0
149°	3.3	3.5	3.5	3.4	3.1	2.7	2.3	1.1	8.4	47.9	90.0
150°	3.3	3.4	3.5	3.3	3.1	2.7	2.4	1.1	7.4	44.9	84.9
151°	3.2	3.4	3.4	3.3	3.1	2.8	2.4	1.2	6.6	42.0	79.8
152°	3.2	3.3	3.3	3.3	3.1	2.8	2.4	1.2	5.7	39.3	74.9
153°	3.1	3.2	3.3	3.2	3.0	2.8	2.5	1.2	4.8	36.6	69.9
154°	3.0	3.1	3.2	3.1	3.0	2.8	2.5	1.3	3.8	33.8	65.0
155°	2.9	3.0	3.1	3.1	3.0	2.8	2.6	1.3	2.9	30.9	60.1
156°	2.9	3.0	3.0	3.0	2.9	2.8	2.6	1.4	2.1	28.0	55.2
157°	2.8	2.9	2.9	3.0	2.9	2.8	2.6	1.4	1.4	25.2	50.5
158°	2.7	2.8	2.9	2.9	2.9	2.8	2.6	1.5	1.3	22.5	45.9
159°	2.6	2.7	2.8	2.8	2.8	2.7	2.6	1.5	1.4	19.9	41.7
160°	2.5	2.6	2.7	2.7	2.7	2.7	2.6	1.5	1.5	17.6	37.6
161°	2.4	2.5	2.5	2.6	2.6	2.6	2.6	1.6	1.4	15.3	33.5
162°	2.4	2.4	2.4	2.5	2.5	2.6	2.6	1.6	1.4	13.1	29.6
163°	2.3	2.2	2.3	2.3	2.4	2.5	2.5	1.6	1.5	10.6	25.8
164°	2.2	2.1	2.2	2.2	2.3	2.4	2.5	1.7	1.5	8.2	22.2
165°	2.1	2.0	2.0	2.1	2.2	2.3	2.4	1.7	1.6	5.8	19.1
166°	2.0	1.9	1.9	2.0	2.1	2.2	2.3	1.7	1.6	3.7	16.0
167°	1.9	1.9	1.8	1.9	2.0	2.1	2.3	1.7	1.6	2.2	13.0
168°	1.9	1.8	1.7	1.8	1.9	2.0	2.2	1.8	1.7	1.6	9.9
169°	1.8	1.7	1.6	1.7	1.8	2.0	2.2	1.8	1.7	1.6	6.8
170°	1.8	1.6	1.6	1.6	1.7	1.9	2.1	1.8	1.7	1.6	3.8
171°	1.7	1.6	1.5	1.5	1.6	1.8	2.1	1.8	1.7	1.6	1.8
172°	1.7	1.6	1.5	1.5	1.6	1.8	2.0	1.8	1.7	1.6	1.5
173°	1.7	1.5	1.5	1.5	1.6	1.8	2.0	1.9	1.8	1.6	1.5
174°	1.7	1.5	1.4	1.4	1.5	1.7	1.9	1.9	1.8	1.7	1.5
175°	1.7	1.5	1.4	1.4	1.5	1.7	1.9	1.9	1.8	1.7	1.6
176°	1.7	1.5	1.4	1.4	1.5	1.6	1.8	1.9	1.9	1.7	1.6
177°	1.7	1.5	1.4	1.4	1.4	1.6	1.7	2.0	1.9	1.8	1.6
178°	1.6	1.5	1.4	1.3	1.4	1.5	1.6	2.0	1.9	1.8	1.7
179°	1.6	1.5	1.4	1.3	1.4	1.5	1.6	2.1	2.0	1.9	1.7



REPORT NUMBER: P1444961
CATALOG NUMBER: CWP75 (60W-4000K)

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: P1444961

CATALOG NUMBER: CWP75 (60W-4000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	1017.2	1017.2	1017.2
1°	1222.5	1265.4	1283.9
2°	1400.3	1423.0	1432.7
3°	1497.4	1560.6	1586.0
4°	1625.2	1664.7	1689.0
5°	1718.7	1794.9	1823.0
6°	1829.4	1888.1	1945.7
7°	1929.0	2011.1	2068.3
8°	2028.6	2134.6	2190.9
9°	2128.2	2276.5	2331.2
10°	2252.2	2409.5	2466.0
11°	2364.2	2533.6	2583.6
12°	2474.1	2614.5	2653.0
13°	2550.8	2645.4	2620.3
14°	2599.4	2580.9	2600.0
15°	2546.2	2530.6	2525.4
16°	2511.2	2513.6	2527.4
17°	2425.2	2479.1	2529.1
18°	2433.8	2545.1	2640.1
19°	2388.3	2648.0	2734.1
20°	2460.0	2749.0	2830.0
21°	2552.2	2826.2	2903.0
22°	2640.4	2891.9	2968.5
23°	2703.3	2940.7	3011.5
24°	2752.3	2990.5	3063.4
25°	2796.5	3051.0	3136.0
26°	2846.0	3105.5	3187.8
27°	2890.9	3147.2	3232.3
28°	2929.5	3192.1	3290.0
29°	2962.3	3238.3	3354.1
30°	2994.8	3287.4	3391.6
31°	3026.5	3329.9	3423.7
32°	3058.1	3356.7	3448.1
33°	3087.7	3384.7	3484.6
34°	3109.9	3428.5	3522.8
35°	3142.2	3471.1	3589.1
36°	3165.6	3511.3	3620.6
37°	3182.0	3541.0	3619.9
38°	3198.8	3582.6	3708.4
39°	3215.9	3602.5	3679.5
40°	3224.7	3626.0	3742.5
41°	3221.5	3677.9	3805.7
42°	3236.0	3674.8	3699.8
43°	3246.4	3675.1	3835.7
44°	3231.6	3694.1	3711.7

REPORT NUMBER: P1444961

CATALOG NUMBER: CWP75 (60W-4000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	3239.2	3560.0	3470.8
46°	3211.9	3575.7	3954.6
47°	3153.2	3899.1	4162.6
48°	3207.8	3927.9	3795.0
49°	3299.6	3707.3	3788.3
50°	3257.8	3699.1	3873.2
51°	3242.6	3694.1	3754.6
52°	3256.4	3674.0	3980.8
53°	3181.9	3871.7	4195.5
54°	3195.5	3964.1	4054.1
55°	3280.7	3848.2	3970.4
56°	3295.1	3810.0	4012.4
57°	3300.8	3809.3	3921.7
58°	3289.8	3721.5	3854.8
59°	3243.2	3697.3	3909.5
60°	3212.5	3734.1	3882.2
61°	3212.1	3683.4	3801.9
62°	3203.1	3654.6	3841.8
63°	3181.8	3674.0	3794.0
64°	3183.7	3601.1	3697.1
65°	3163.9	3502.9	3624.9
66°	3101.9	3479.3	3622.8
67°	3047.1	3424.3	3531.8
68°	3017.7	3319.7	3441.8
69°	2959.2	3296.5	3452.6
70°	2903.6	3253.6	3378.8
71°	2866.8	3244.9	3395.7
72°	2830.8	3156.7	3246.8
73°	2779.5	3111.7	3260.4
74°	2719.7	3053.9	3164.3
75°	2670.8	2977.9	3107.1
76°	2596.9	2894.6	3019.5
77°	2529.2	2858.1	2984.9
78°	2475.7	2765.5	2899.9
79°	2395.5	2704.2	2832.5
80°	2334.4	2667.5	2793.3
81°	2301.7	2609.8	2728.1
82°	2210.0	2513.6	2634.9
83°	2144.2	2452.9	2571.2
84°	2120.0	2433.1	2561.1
85°	2032.1	2336.6	2456.8
86°	1959.9	2249.6	2365.8
87°	1925.5	2218.5	2333.3
88°	1838.1	2150.6	2271.9
89°	1767.1	2052.9	2165.6

REPORT NUMBER: P1444961

CATALOG NUMBER: CWP75 (60W-4000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
90°	1734.6	2004.7	2098.1
91°	1675.9	1964.2	2072.0
92°	1629.2	1888.5	2002.1
93°	1614.3	1836.7	1934.2
94°	1592.7	1825.1	1910.5
95°	1562.9	1802.1	1894.8
96°	1534.3	1770.7	1859.3
97°	1494.7	1736.2	1829.9
98°	1463.7	1693.1	1783.4
99°	1432.8	1667.1	1750.0
100°	1397.6	1634.3	1729.7
101°	1366.2	1599.0	1686.4
102°	1333.9	1569.2	1653.9
103°	1301.6	1536.2	1622.3
104°	1266.5	1501.7	1587.5
105°	1230.2	1465.1	1552.0
106°	1193.3	1428.4	1515.3
107°	1156.2	1390.9	1477.5
108°	1119.4	1351.2	1438.5
109°	1082.5	1311.8	1397.0
110°	1047.6	1271.7	1355.6
111°	1012.8	1232.3	1315.1
112°	979.2	1194.1	1274.7
113°	947.6	1156.3	1235.4
114°	916.1	1119.2	1195.7
115°	884.5	1082.8	1158.0
116°	852.7	1047.8	1120.5
117°	821.1	1012.2	1083.2
118°	790.6	978.1	1047.4
119°	760.5	945.1	1012.1
120°	730.8	912.1	978.1
121°	702.3	879.1	944.6
122°	674.0	846.5	911.1
123°	645.5	814.4	877.6
124°	617.3	782.2	844.4
125°	589.5	749.8	809.8
126°	562.2	719.0	776.6
127°	535.1	688.6	745.6
128°	508.8	657.8	713.3
129°	483.3	628.0	681.2
130°	457.6	598.5	650.2
131°	432.5	569.2	620.2
132°	407.8	540.0	589.8
133°	383.4	512.2	560.6
134°	359.7	484.7	531.9

REPORT NUMBER: P1444961

CATALOG NUMBER: CWP75 (60W-4000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
135°	336.9	457.6	503.3
136°	314.7	431.1	476.1
137°	293.1	405.8	449.0
138°	273.0	380.4	422.8
139°	254.7	355.8	397.1
140°	237.6	331.3	371.4
141°	220.9	305.5	345.4
142°	203.8	280.0	318.7
143°	187.3	254.6	291.6
144°	172.2	230.0	264.6
145°	157.9	205.8	237.6
146°	144.6	183.8	210.9
147°	132.6	164.1	185.1
148°	122.4	146.1	160.4
149°	114.2	131.4	139.2
150°	108.4	122.7	127.1
151°	104.0	119.6	125.8
152°	99.2	117.2	124.7
153°	93.2	111.6	118.6
154°	87.1	104.7	111.2
155°	81.0	97.3	103.4
156°	75.0	90.4	95.1
157°	69.6	83.7	88.5
158°	64.2	76.9	81.8
159°	59.0	70.8	75.2
160°	53.9	64.9	69.0
161°	48.9	59.1	63.0
162°	44.2	53.7	57.2
163°	39.8	48.6	51.9
164°	35.4	43.6	46.7
165°	30.6	38.7	41.7
166°	25.9	33.6	36.5
167°	21.7	28.1	30.8
168°	18.0	23.1	25.2
169°	14.3	19.0	20.6
170°	10.7	15.0	16.4
171°	6.9	11.1	12.6
172°	3.2	7.9	8.9
173°	1.5	4.7	5.2
174°	1.4	1.4	1.4
175°	1.4	1.3	1.3
176°	1.5	1.4	1.3
177°	1.5	1.4	1.4
178°	1.5	1.4	1.4
179°	1.6	1.5	1.4

REPORT NUMBER: P1444961

CATALOG NUMBER: CWP75 (60W-4000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	1.4	1.4	1.4

(END OF REPORT)