

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: P1444960

Luminaire Tested: CWP75 (60W-3000K)

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2024
Report Number: P1444960
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-3000K)
Description: COMPACT WALL PACK, 75W
SET TO 60W, 3000K CCT
Light Source: 3000K/5000K CCT, 80 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7550 lumens
Efficiency: N/A
Efficacy: 126.5 lumens/watt
Luminous Opening: Point Source (0m x 0m x 0m)
IES Classification: Type IV - Short
BUG Rating: B0 - U4 - G4

Input Watts (W): 59.7
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

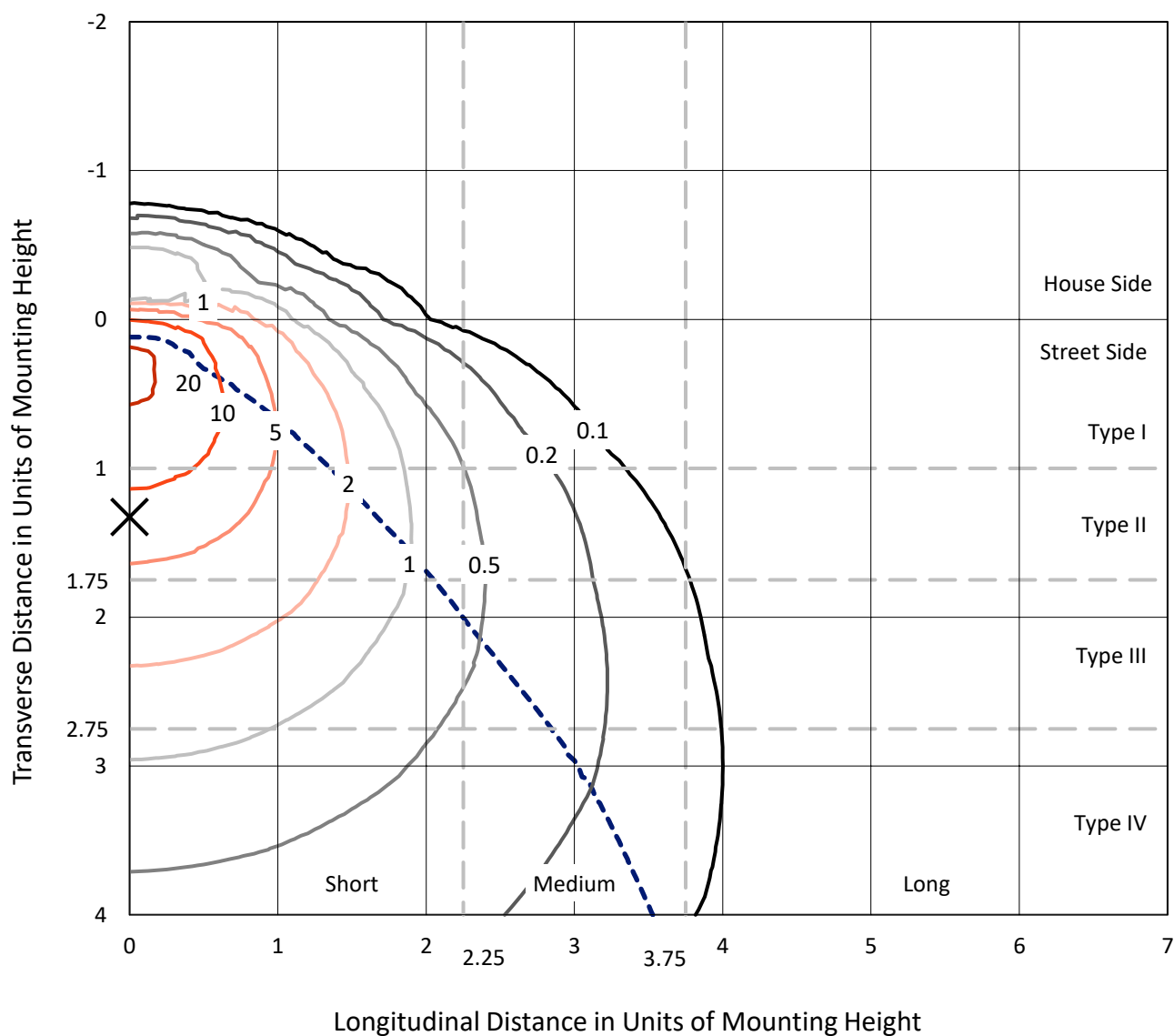


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 --- 1/2 Max cd

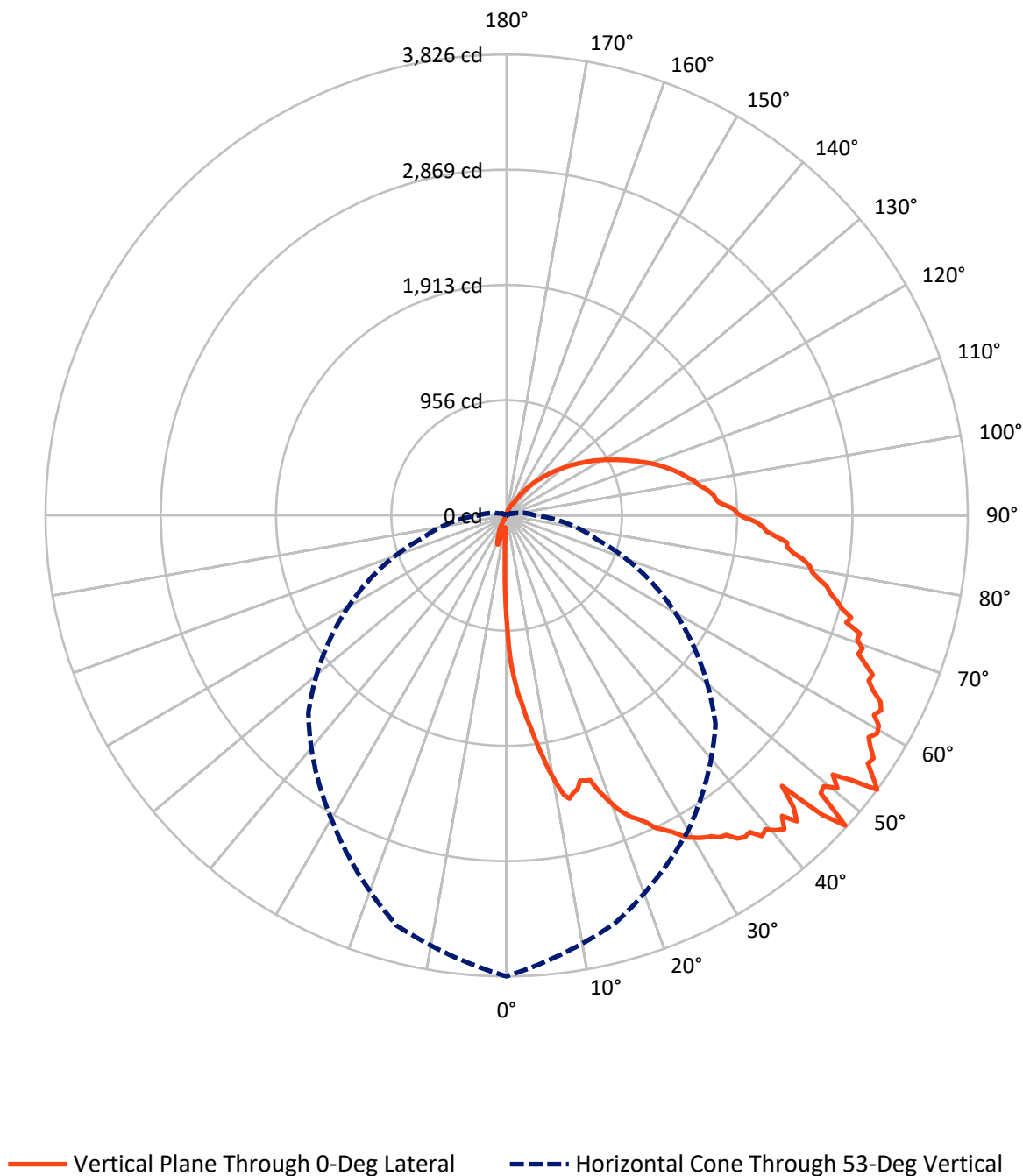


Based on 10 foot mounting height. Maximum calculated value = 21.5 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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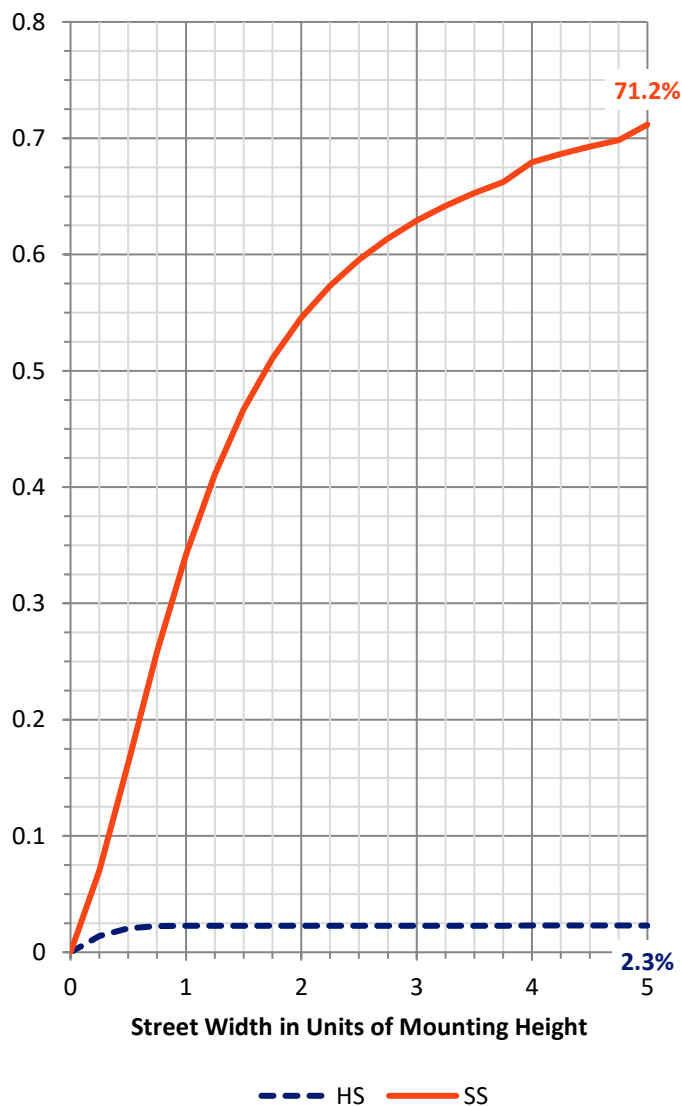
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	175.0	7.2	182.2
	% Fixture	2.3	0.1	2.4
Street Side	Lumens	5888.8	1479.0	7367.8
	% Fixture	78.0	19.6	97.6
Total	Lumens	6063.8	1486.2	7550.0
	% Fixture	80.3	19.7	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.3	1.2
10°-20°	304.1	4.0
20°-30°	526.8	7.0
30°-40°	733.6	9.7
40°-50°	882.8	11.7
50°-60°	981.9	13.0
60°-70°	984.9	13.0
70°-80°	873.1	11.6
80°-90°	686.3	9.1
90°-100°	523.9	6.9
100°-110°	397.0	5.3
110°-120°	267.6	3.5
120°-130°	162.2	2.1
130°-140°	85.0	1.1
140°-150°	34.7	0.5
150°-160°	12.4	0.2
160°-170°	3.1	0.0
170°-180°	0.2	0.0
0°-90°	6063.8	80.3
0°-180°	7550.0	100.0

Coefficient of Utilization



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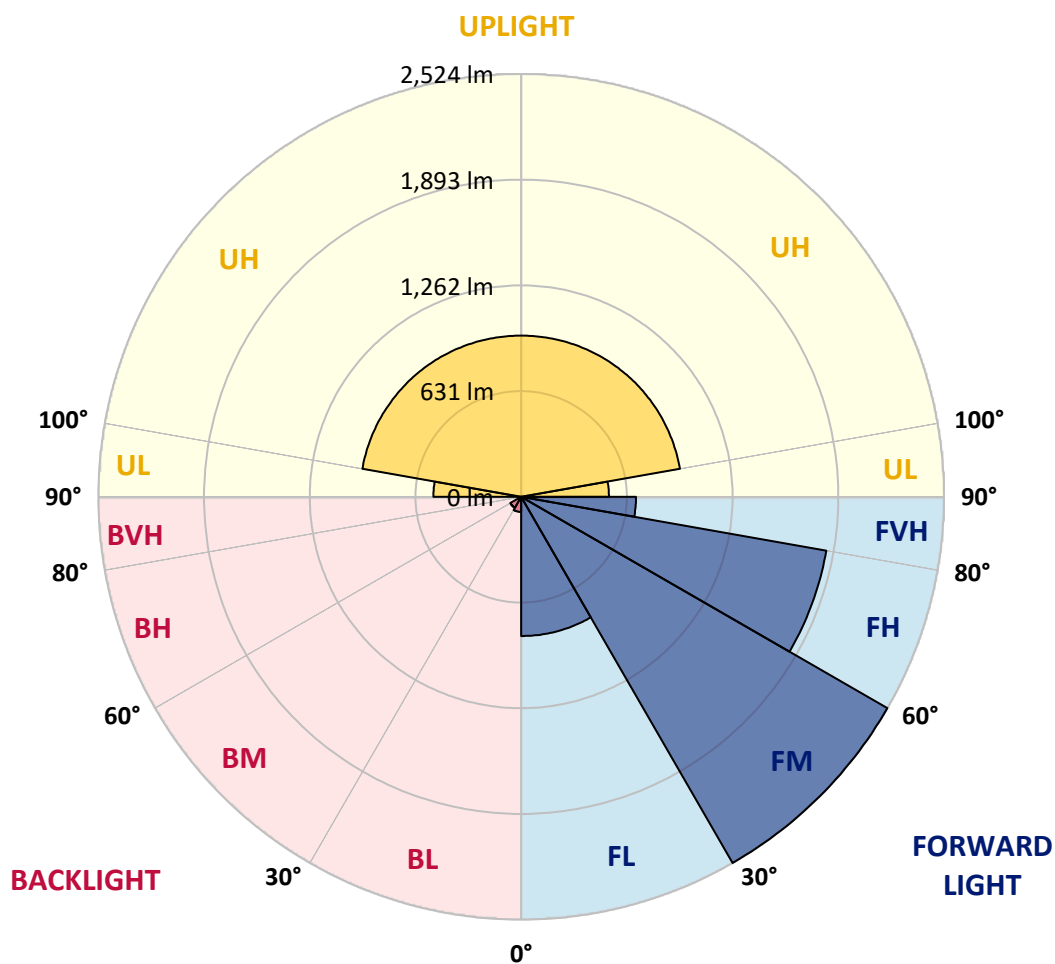
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	830.9	11.0			
FM	(30°-60°)	2523.5	33.4			
FH	(60°-80°)	1849.2	24.5			G2/5000
FVH	(80°-90°)	685.1	9.1			G4/750
BL	(0°-30°)	90.3	1.2	B0/110		
BM	(30°-60°)	74.8	1.0	B0/220		
BH	(60°-80°)	8.7	0.1	B0/110		G0/110
BVH	(80°-90°)	1.2	0.0			G0/10
UL	(90°-100°)	523.9	6.9		U4/1000	
UH	(100°-180°)	962.3	12.7		U4/1000	

BUG Rating: B0-U4-G4

Type IV Short



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CATALOG NUMBER: CWP75 (60W-3000K)

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	973.2	973.2	973.2	973.2	973.2	973.2	973.2	973.2	973.2	973.2	973.2
1°	1199.9	1201.6	1186.5	1152.1	1105.4	1052.1	935.3	883.8	830.4	785.8	754.2
2°	1331.3	1327.3	1315.1	1283.3	1222.0	1111.7	939.1	823.3	705.2	622.1	567.2
3°	1463.3	1448.6	1405.3	1350.3	1304.4	1176.4	938.9	753.7	599.4	480.2	373.1
4°	1554.2	1541.0	1514.1	1453.6	1340.3	1226.7	933.4	684.8	497.4	373.3	244.6
5°	1674.2	1655.7	1603.8	1522.4	1399.5	1272.5	935.0	631.5	376.0	266.3	159.6
6°	1776.8	1748.6	1701.1	1588.3	1476.8	1300.5	925.2	579.5	288.7	161.2	119.8
7°	1900.0	1870.2	1793.1	1678.2	1512.0	1315.5	924.4	524.8	231.5	123.0	106.8
8°	2023.4	1991.9	1898.7	1739.0	1549.1	1340.2	921.1	462.9	174.5	108.7	100.6
9°	2146.8	2113.6	2004.4	1827.0	1621.1	1359.1	908.6	397.7	136.4	102.2	100.0
10°	2260.4	2238.6	2110.0	1907.7	1661.7	1380.1	896.6	342.6	118.0	99.5	103.5
11°	2363.1	2342.7	2212.3	1988.4	1699.7	1411.4	890.5	295.8	109.2	100.5	108.9
12°	2408.1	2399.4	2298.3	2069.0	1751.3	1423.2	880.6	258.4	104.4	104.0	115.5
13°	2369.2	2416.7	2361.9	2143.5	1797.3	1435.1	867.4	226.6	101.6	108.6	121.6
14°	2347.5	2356.2	2394.5	2207.1	1837.5	1438.6	847.3	194.8	100.7	114.4	127.3
15°	2284.0	2314.1	2347.6	2274.1	1893.3	1429.3	824.6	168.2	101.3	120.9	137.7
16°	2295.4	2303.1	2318.4	2310.4	1926.1	1429.3	809.1	145.1	103.2	127.8	157.8
17°	2304.0	2274.9	2241.5	2324.2	1958.1	1434.4	790.8	126.8	106.4	136.0	188.1
18°	2410.7	2340.0	2246.1	2274.5	1990.1	1432.2	769.8	114.3	110.6	146.3	216.4
19°	2497.6	2429.5	2206.4	2226.6	2022.6	1425.4	749.0	106.3	115.4	160.0	235.2
20°	2589.3	2530.0	2269.4	2156.3	2035.0	1417.7	725.2	101.2	121.7	174.8	240.9
21°	2653.0	2595.7	2364.5	2104.4	2049.5	1411.1	712.0	97.6	128.2	188.8	236.8
22°	2711.5	2651.0	2442.0	2084.1	2046.4	1414.2	701.0	95.4	135.6	198.8	223.7
23°	2749.9	2701.2	2504.1	2052.6	2019.4	1427.1	679.9	93.9	143.3	203.3	210.6
24°	2802.5	2751.8	2552.8	2093.5	1981.7	1414.8	666.6	93.4	150.7	202.7	197.5
25°	2875.0	2804.0	2605.5	2152.5	1928.1	1417.2	652.0	93.8	156.4	198.7	182.5
26°	2915.6	2845.3	2649.7	2201.4	1877.8	1415.2	638.0	95.0	161.6	192.7	167.7
27°	2958.3	2891.9	2687.7	2246.1	1817.4	1420.3	630.5	97.3	165.0	184.8	154.4
28°	3018.4	2940.5	2730.3	2275.9	1755.0	1433.0	620.8	100.4	167.7	176.0	140.0
29°	3071.6	2988.9	2765.7	2297.0	1728.5	1424.3	602.9	104.2	167.6	165.6	126.7
30°	3104.5	3035.1	2790.4	2318.7	1690.9	1420.8	592.0	108.4	164.9	154.8	112.6
31°	3136.5	3075.8	2826.8	2337.6	1664.5	1415.9	580.9	113.4	161.4	142.4	99.3
32°	3159.7	3114.8	2855.7	2345.5	1678.4	1414.0	568.9	118.2	157.2	129.7	86.4
33°	3203.6	3138.3	2883.5	2356.7	1703.4	1413.2	549.3	122.5	151.4	117.9	74.4
34°	3217.5	3156.9	2910.6	2371.4	1722.4	1402.1	534.6	126.5	144.8	106.8	63.1
35°	3293.5	3187.5	2936.6	2384.8	1733.2	1376.0	518.9	129.7	137.5	95.8	52.6
36°	3321.7	3241.3	2945.5	2380.9	1741.3	1369.5	506.0	132.0	129.7	85.4	43.3
37°	3314.5	3250.7	2975.8	2387.6	1746.1	1341.0	488.6	133.4	121.8	75.4	35.2
38°	3400.5	3283.5	2998.3	2389.4	1743.8	1317.7	470.2	134.0	113.5	66.0	29.6
39°	3378.2	3306.0	3000.2	2391.1	1736.4	1287.9	454.6	133.4	105.2	56.2	25.3
40°	3436.3	3303.2	3013.5	2397.0	1733.2	1252.4	440.7	131.9	97.6	47.8	21.8
41°	3477.7	3361.7	3010.2	2385.7	1728.5	1216.0	424.5	129.4	89.9	40.3	18.3
42°	3382.9	3348.4	3016.8	2391.8	1731.0	1170.4	409.0	125.6	82.3	33.3	14.8
43°	3499.5	3336.7	3050.5	2396.3	1722.5	1131.7	393.6	121.3	75.4	26.9	12.7
44°	3396.9	3399.2	3023.9	2402.5	1723.5	1086.9	381.5	116.4	68.4	22.8	9.9

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CATALOG NUMBER: CWP75 (60W-3000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	3203.8	3257.2	3028.1	2404.1	1725.2	1036.3	365.6	111.2	62.0	18.6	1.8
46°	3609.5	3204.0	3021.6	2407.9	1718.8	991.4	347.3	105.9	56.0	14.4	0.7
47°	3808.9	3533.0	2948.9	2405.6	1711.7	949.9	331.8	100.4	50.4	10.2	0.7
48°	3479.8	3605.9	2954.5	2405.9	1702.4	903.2	316.0	94.8	44.6	6.9	0.7
49°	3459.7	3397.6	3093.5	2410.9	1683.1	866.5	301.8	89.3	38.3	5.2	0.8
50°	3555.6	3391.3	3104.0	2379.2	1673.5	839.4	282.2	83.8	32.8	3.1	0.8
51°	3457.2	3420.1	3042.4	2375.1	1656.8	818.2	267.2	78.4	27.7	0.7	0.8
52°	3612.2	3349.9	3050.3	2435.7	1632.0	799.4	250.5	73.2	23.5	0.6	0.9
53°	3825.5	3499.0	3015.4	2450.8	1615.4	778.1	236.3	68.1	19.4	0.7	0.9
54°	3731.5	3630.7	2971.9	2427.1	1587.4	753.1	222.3	63.0	15.2	0.7	1.0
55°	3636.6	3553.5	3056.5	2410.0	1555.2	731.6	208.3	58.2	11.9	0.7	1.0
56°	3650.1	3499.4	3114.9	2401.6	1556.6	706.1	194.3	53.6	8.9	0.8	1.0
57°	3578.9	3494.9	3110.2	2381.9	1543.9	685.2	182.7	49.0	5.9	0.8	1.1
58°	3522.3	3429.8	3097.7	2399.0	1506.1	663.3	171.1	44.6	3.9	0.8	1.1
59°	3567.4	3399.0	3069.6	2407.8	1471.8	642.3	160.9	40.2	2.1	0.9	1.2
60°	3547.1	3436.4	3025.1	2400.6	1444.2	628.7	150.0	36.3	0.7	0.9	1.2
61°	3469.7	3403.7	3009.5	2372.7	1417.7	614.3	140.5	32.4	0.7	1.0	1.3
62°	3502.7	3342.0	3015.2	2343.6	1400.0	593.8	130.7	28.9	0.6	1.0	1.3
63°	3465.5	3367.7	3010.6	2318.4	1385.6	572.1	120.8	25.7	0.7	1.0	1.4
64°	3363.9	3316.6	2999.5	2294.9	1362.7	556.2	112.7	22.3	0.7	1.1	1.5
65°	3301.6	3217.6	2992.8	2270.1	1332.0	539.8	103.7	19.0	0.7	1.1	1.5
66°	3311.9	3193.8	2955.1	2252.2	1300.0	526.6	95.4	15.7	0.7	1.2	1.6
67°	3220.3	3180.4	2879.7	2243.7	1273.5	512.3	87.5	12.6	0.7	1.2	1.6
68°	3137.2	3067.1	2849.3	2215.8	1248.1	495.3	80.1	9.8	0.8	1.3	1.7
69°	3152.0	3036.7	2802.2	2175.1	1220.9	478.7	72.4	7.3	0.8	1.3	1.7
70°	3084.9	3007.5	2730.7	2139.8	1198.9	462.1	64.8	5.1	0.8	1.3	1.8
71°	3092.2	2984.9	2712.5	2101.9	1172.3	446.9	58.0	3.2	0.9	1.4	1.8
72°	2954.6	2912.3	2674.8	2052.5	1138.9	433.0	51.7	1.7	0.9	1.4	1.9
73°	2981.4	2857.1	2650.1	2024.9	1108.4	418.9	45.3	1.1	0.9	1.5	1.9
74°	2883.0	2827.8	2565.5	1990.4	1074.2	402.9	39.2	0.9	0.9	1.5	2.0
75°	2829.7	2758.5	2531.1	1958.3	1046.5	387.9	34.0	0.7	1.0	1.5	2.1
76°	2760.5	2696.1	2447.4	1919.2	1018.2	371.4	29.1	0.6	1.0	1.6	2.1
77°	2720.6	2662.6	2390.5	1871.5	991.9	356.7	25.0	0.6	1.0	1.6	2.2
78°	2640.1	2572.9	2348.8	1821.0	963.2	342.2	20.8	0.6	1.1	1.7	2.2
79°	2576.1	2505.0	2271.1	1768.0	930.6	328.3	16.7	0.6	1.1	1.7	2.3
80°	2551.1	2443.4	2206.0	1715.6	897.9	313.4	13.4	0.6	1.1	1.8	2.3
81°	2489.2	2422.5	2161.9	1664.5	865.2	298.4	10.4	0.6	1.1	1.8	2.4
82°	2401.6	2338.1	2088.9	1625.7	834.0	284.7	7.8	0.6	1.2	1.8	2.4
83°	2341.5	2255.6	2016.6	1571.7	807.1	270.1	5.5	0.6	1.2	1.9	2.4
84°	2338.0	2254.1	1985.2	1515.8	771.7	257.8	3.6	0.6	1.2	1.9	2.5
85°	2243.4	2168.8	1931.6	1487.7	761.4	248.4	2.3	0.6	1.2	1.9	2.5
86°	2159.9	2091.6	1849.1	1414.7	724.4	235.8	1.3	0.6	1.3	1.9	2.5
87°	2126.6	2048.8	1814.1	1380.2	704.1	227.0	0.7	0.7	1.3	2.0	2.6
88°	2071.1	1995.5	1754.5	1327.6	677.8	217.9	0.4	0.7	1.3	2.0	2.6
89°	1972.2	1899.0	1670.7	1277.2	658.4	210.8	0.3	0.7	1.4	2.1	2.7

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CATALOG NUMBER: CWP75 (60W-3000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	1914.6	1846.1	1631.7	1245.6	639.3	204.3	0.3	0.7	1.4	2.1	2.7
91°	1890.4	1819.1	1592.8	1208.4	626.3	198.0	0.3	0.7	1.4	2.1	2.8
92°	1828.2	1756.0	1540.0	1185.5	615.3	191.8	0.3	0.7	1.4	2.2	2.8
93°	1764.1	1702.7	1516.3	1171.2	602.7	185.1	0.3	0.8	1.5	2.2	2.8
94°	1741.3	1685.0	1497.6	1146.5	588.0	178.4	0.3	0.8	1.5	2.2	2.9
95°	1727.0	1666.0	1470.4	1123.6	570.8	171.5	0.3	0.8	1.5	2.2	2.9
96°	1699.1	1636.6	1445.0	1095.3	550.4	164.2	0.3	0.8	1.5	2.3	2.9
97°	1671.3	1608.3	1412.7	1060.8	531.6	157.5	0.3	0.8	1.5	2.3	3.0
98°	1630.3	1569.5	1378.7	1030.8	513.4	150.3	0.3	0.8	1.6	2.3	3.0
99°	1598.5	1540.7	1351.8	1001.9	495.3	143.8	0.4	0.9	1.6	2.3	3.0
100°	1580.9	1518.0	1319.2	972.0	478.7	137.7	0.4	0.9	1.6	2.4	3.0
101°	1543.7	1482.3	1287.8	943.7	461.5	131.5	0.4	0.9	1.6	2.4	3.1
102°	1514.2	1454.7	1259.6	914.6	443.7	125.2	0.4	0.9	1.6	2.4	3.1
103°	1486.3	1425.4	1228.6	885.5	426.3	119.0	0.4	0.9	1.7	2.4	3.1
104°	1454.8	1393.8	1196.2	856.4	409.7	113.5	0.4	0.9	1.7	2.4	3.1
105°	1423.0	1360.3	1163.0	825.5	393.5	108.6	0.4	0.9	1.7	2.4	3.1
106°	1389.2	1327.0	1128.1	793.6	376.2	103.7	0.4	1.0	1.7	2.4	3.1
107°	1356.1	1292.8	1094.5	763.4	360.4	99.0	0.4	1.0	1.7	2.4	3.1
108°	1320.8	1257.6	1058.6	733.8	345.6	94.3	0.4	1.0	1.7	2.4	3.1
109°	1284.0	1220.9	1023.5	705.0	331.3	90.7	0.4	1.0	1.7	2.4	3.1
110°	1246.0	1184.0	990.6	676.6	317.8	87.1	0.4	1.0	1.7	2.4	3.1
111°	1209.0	1147.1	957.9	649.0	304.6	83.5	0.4	1.0	1.7	2.4	3.1
112°	1172.7	1111.4	927.2	621.9	291.9	80.2	0.5	1.0	1.7	2.4	3.1
113°	1135.9	1075.8	896.4	596.3	279.3	76.8	0.5	1.0	1.7	2.4	3.0
114°	1100.8	1042.0	865.7	571.5	266.4	73.4	0.5	1.0	1.7	2.3	3.0
115°	1066.2	1007.5	835.3	547.0	253.6	69.7	0.5	1.0	1.7	2.3	2.9
116°	1032.2	974.8	805.1	523.2	241.6	66.1	0.5	1.0	1.6	2.3	2.9
117°	998.5	936.4	775.8	499.9	230.4	62.7	0.5	1.0	1.6	2.3	2.9
118°	965.8	907.4	747.0	477.4	220.6	59.4	0.5	1.0	1.6	2.3	2.9
119°	934.9	878.6	717.9	455.8	211.1	55.5	0.5	1.0	1.6	2.3	2.9
120°	904.0	849.8	690.3	434.7	201.2	51.6	0.5	1.0	1.6	2.3	2.9
121°	873.0	819.3	663.6	414.6	191.5	48.2	0.5	1.0	1.6	2.3	2.8
122°	840.4	788.9	636.4	394.4	181.6	45.6	0.5	1.0	1.6	2.3	2.8
123°	810.1	759.3	609.6	374.4	171.8	43.2	0.6	1.0	1.7	2.3	2.8
124°	779.3	729.1	583.2	355.1	161.7	41.4	0.6	1.1	1.7	2.3	2.8
125°	747.8	699.5	557.4	337.2	152.2	39.8	0.6	1.1	1.7	2.3	2.8
126°	717.2	670.4	531.4	321.1	143.5	38.4	0.6	1.1	1.7	2.3	2.8
127°	688.5	642.3	506.3	306.0	135.7	36.8	0.6	1.1	1.7	2.3	2.8
128°	659.1	613.8	481.9	290.6	129.1	35.4	0.6	1.1	1.7	2.3	2.8
129°	629.4	585.7	457.4	275.7	123.5	34.2	0.7	1.1	1.7	2.3	2.8
130°	601.0	558.3	433.1	261.5	119.2	33.2	0.7	1.2	1.7	2.3	2.9
131°	573.2	531.0	409.4	247.9	115.9	32.3	0.7	1.2	1.8	2.4	2.9
132°	545.1	504.1	386.1	234.3	112.0	31.5	0.7	1.2	1.8	2.4	2.9
133°	518.2	478.1	363.2	220.8	106.8	30.6	0.8	1.2	1.8	2.4	2.9
134°	491.9	452.2	341.4	208.0	100.7	29.3	0.8	1.3	1.8	2.4	2.9

REPORT NUMBER: P1444960

CATALOG NUMBER: CWP75 (60W-3000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
135°	465.6	426.7	320.1	195.8	95.2	27.9	0.8	1.3	1.8	2.4	2.9
136°	440.3	402.4	299.1	184.2	90.3	26.6	0.8	1.3	1.8	2.4	2.9
137°	415.2	378.7	279.6	172.8	85.4	25.2	0.9	1.3	1.9	2.4	2.9
138°	390.8	355.1	260.7	162.2	80.5	23.7	0.9	1.4	1.9	2.4	2.9
139°	366.8	332.2	242.8	152.2	76.6	22.3	0.9	1.4	1.9	2.4	2.9
140°	343.3	309.2	226.6	143.0	73.0	21.0	1.0	1.4	1.9	2.4	2.9
141°	319.2	285.6	210.6	134.2	69.8	19.7	1.0	1.5	1.9	2.5	2.9
142°	294.6	261.7	194.7	126.1	66.8	18.4	1.1	1.5	2.0	2.5	2.9
143°	269.8	238.1	179.6	119.1	64.3	17.0	1.1	1.5	2.0	2.5	2.9
144°	244.7	214.9	165.3	112.6	62.1	15.6	1.2	1.6	2.0	2.5	2.9
145°	219.8	193.2	152.1	106.5	59.5	14.4	1.2	1.6	2.0	2.5	2.9
146°	195.0	173.0	139.5	100.4	56.0	13.0	1.3	1.6	2.0	2.5	2.9
147°	171.0	154.6	127.9	94.4	52.0	11.7	1.3	1.7	2.1	2.4	2.8
148°	148.0	137.6	117.5	89.9	47.8	10.4	1.3	1.7	2.1	2.4	2.8
149°	128.4	123.5	108.5	85.4	44.0	9.2	1.4	1.7	2.1	2.4	2.8
150°	116.7	113.6	101.9	81.2	40.4	8.0	1.4	1.7	2.1	2.4	2.7
151°	115.3	109.6	97.6	76.7	37.5	7.1	1.5	1.8	2.1	2.4	2.7
152°	114.4	108.0	95.1	71.9	34.7	6.3	1.5	1.8	2.1	2.4	2.7
153°	108.8	103.3	88.9	67.2	32.1	5.5	1.5	1.8	2.1	2.3	2.6
154°	102.1	97.3	82.6	62.6	29.7	4.7	1.6	1.8	2.1	2.3	2.5
155°	95.0	90.6	76.7	57.5	27.3	3.8	1.6	1.8	2.1	2.3	2.5
156°	88.3	83.9	71.0	52.2	25.1	3.0	1.7	1.8	2.1	2.2	2.4
157°	81.6	77.2	65.6	47.0	23.0	2.2	1.7	1.8	2.0	2.2	2.4
158°	74.9	71.3	60.4	41.8	21.0	1.7	1.7	1.9	2.0	2.2	2.3
159°	69.0	65.8	55.6	37.0	19.0	1.6	1.8	1.9	2.0	2.2	2.3
160°	63.3	60.4	50.7	32.8	17.1	1.6	1.8	1.9	2.0	2.1	2.2
161°	57.7	55.0	45.7	29.1	15.3	1.7	1.8	1.9	2.0	2.1	2.2
162°	52.5	49.9	40.6	25.7	13.4	1.6	1.8	1.9	2.0	2.1	2.1
163°	47.6	45.2	35.7	22.8	11.4	1.6	1.9	1.9	2.0	2.1	2.1
164°	42.8	40.6	31.0	20.2	9.2	1.6	1.9	1.9	2.0	2.0	2.0
165°	38.3	36.1	26.8	17.9	7.1	1.6	1.9	1.9	2.0	2.0	2.0
166°	33.5	31.3	22.9	15.8	4.9	1.7	1.9	1.9	2.0	2.0	1.9
167°	28.3	26.2	19.5	13.3	3.2	1.7	1.9	1.9	2.0	1.9	1.9
168°	23.2	21.5	17.0	10.6	2.0	1.7	1.9	1.9	2.0	1.9	1.8
169°	18.9	17.6	14.2	7.7	1.7	1.7	1.9	1.9	1.9	1.9	1.8
170°	15.1	14.0	11.0	4.8	1.6	1.7	1.9	1.9	1.9	1.9	1.8
171°	11.7	10.7	7.9	2.5	1.5	1.7	1.9	1.9	1.9	1.9	1.7
172°	8.2	6.9	4.7	1.5	1.5	1.7	1.9	1.9	1.9	1.8	1.7
173°	4.8	3.0	1.6	1.5	1.6	1.7	1.9	1.9	1.9	1.8	1.7
174°	1.3	1.3	1.4	1.4	1.6	1.7	1.9	1.9	1.9	1.8	1.7
175°	1.2	1.2	1.3	1.5	1.6	1.7	1.9	1.9	1.9	1.8	1.7
176°	1.2	1.2	1.3	1.5	1.6	1.7	1.9	1.9	1.9	1.8	1.7
177°	1.3	1.2	1.3	1.4	1.6	1.7	1.9	1.9	1.9	1.8	1.7
178°	1.3	1.2	1.3	1.4	1.5	1.6	1.9	1.9	1.9	1.8	1.6
179°	1.3	1.2	1.3	1.4	1.5	1.6	1.9	1.9	1.8	1.8	1.6



REPORT NUMBER: P1444960
CATALOG NUMBER: CWP75 (60W-3000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
180°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3

REPORT NUMBER: P1444960

CATALOG NUMBER: CWP75 (60W-3000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	973.2	973.2	973.2	973.2	973.2	973.2	973.2	973.2	973.2	973.2	973.2
1°	737.9	740.8	763.4	803.0	848.5	900.0	952.8	944.7	998.7	1054.4	1108.4
2°	538.2	536.0	557.8	599.3	669.4	774.0	898.3	944.5	1050.0	1170.7	1259.2
3°	322.4	312.0	337.9	412.6	531.4	657.1	840.8	944.6	1113.5	1270.7	1330.3
4°	207.4	197.0	215.1	261.7	366.3	558.2	765.3	940.8	1170.6	1317.0	1422.3
5°	133.3	128.5	138.1	173.5	287.8	448.4	698.2	934.0	1219.0	1355.0	1501.2
6°	110.5	108.7	111.1	123.3	209.4	333.9	643.6	938.2	1263.4	1430.4	1549.0
7°	101.6	100.6	101.6	107.3	131.4	275.2	590.6	929.2	1285.5	1485.6	1640.4
8°	99.7	99.9	99.0	100.2	111.7	216.6	537.9	921.8	1295.5	1515.3	1705.4
9°	103.2	104.4	101.9	98.6	103.3	158.6	482.6	912.8	1311.4	1563.4	1789.6
10°	109.1	111.0	107.4	101.1	98.9	127.9	418.4	894.7	1322.5	1616.0	1862.1
11°	116.3	118.1	114.4	106.2	98.0	113.8	359.3	884.1	1341.7	1641.2	1934.0
12°	121.2	121.3	120.1	112.5	100.3	105.5	309.9	862.6	1359.5	1669.6	2005.9
13°	124.6	123.8	123.8	119.0	104.6	100.8	268.4	854.4	1357.4	1714.0	2077.7
14°	134.9	138.3	134.2	124.5	109.5	97.7	236.6	837.3	1360.1	1744.6	2131.1
15°	162.6	173.7	159.2	132.1	115.2	96.3	204.9	822.2	1356.2	1792.0	2191.6
16°	206.9	223.9	200.0	147.8	121.5	96.1	173.5	799.1	1351.2	1827.7	2225.6
17°	244.4	252.5	236.6	172.1	128.2	97.6	149.2	781.8	1349.9	1859.1	2234.3
18°	257.6	252.2	251.6	199.5	137.1	100.6	129.4	762.4	1343.7	1884.8	2189.5
19°	250.5	242.8	245.9	217.1	147.6	105.1	114.7	750.7	1338.9	1902.3	2136.5
20°	241.2	225.5	237.3	226.7	160.4	110.9	103.9	732.6	1343.9	1922.6	2076.6
21°	223.6	208.2	220.8	226.7	171.2	117.4	96.6	715.8	1344.2	1917.9	2027.2
22°	206.1	190.8	204.2	216.7	180.6	124.3	92.1	701.7	1340.8	1913.0	1998.8
23°	188.6	173.0	187.7	206.6	186.4	131.4	88.7	687.0	1336.2	1908.0	1972.0
24°	172.5	159.4	170.2	193.0	186.9	137.8	85.9	677.3	1334.9	1873.3	2017.9
25°	158.1	144.2	156.7	178.2	183.9	143.4	84.7	665.9	1343.0	1805.8	2070.2
26°	144.0	131.1	142.0	163.5	179.7	148.4	84.2	654.4	1340.8	1765.7	2122.4
27°	131.2	119.1	129.5	149.0	173.5	151.9	84.6	645.0	1342.1	1705.8	2166.7
28°	118.3	105.2	116.4	135.2	165.1	154.0	86.1	633.8	1337.9	1656.0	2191.6
29°	105.4	92.8	103.0	121.5	155.9	154.2	88.1	621.8	1344.8	1639.0	2213.2
30°	91.4	76.7	89.7	108.2	146.3	153.0	91.3	609.6	1340.6	1593.4	2229.6
31°	75.0	58.5	74.2	95.8	136.0	150.9	94.8	594.9	1331.7	1576.3	2244.2
32°	60.2	42.3	59.4	84.2	125.6	147.0	98.2	578.0	1320.5	1599.0	2258.6
33°	47.9	36.7	46.9	72.7	113.8	141.5	101.8	568.8	1305.1	1624.1	2271.6
34°	39.2	33.4	38.3	61.7	102.5	134.9	105.2	554.5	1293.7	1637.8	2276.6
35°	32.5	30.7	32.9	51.3	91.7	128.2	108.0	545.3	1275.8	1651.6	2281.7
36°	28.2	27.9	28.4	42.9	81.7	121.0	110.2	527.9	1255.8	1656.0	2285.1
37°	25.5	24.5	24.9	35.3	71.9	113.7	112.0	513.8	1235.4	1652.3	2285.9
38°	22.5	21.0	21.4	29.2	63.4	106.1	112.6	495.6	1210.3	1647.8	2291.7
39°	19.5	17.6	18.0	25.1	54.3	98.5	112.4	483.8	1187.7	1645.1	2290.1
40°	16.4	13.7	16.1	21.0	45.6	91.0	111.6	467.6	1150.2	1640.7	2289.0
41°	12.5	2.1	12.5	17.0	38.5	84.0	109.6	451.7	1109.6	1640.9	2291.4
42°	1.7	0.7	1.9	13.8	31.9	77.1	106.9	435.8	1071.3	1638.6	2296.5
43°	0.7	0.7	0.7	11.5	27.0	70.6	104.1	418.7	1030.3	1637.5	2294.2
44°	0.7	0.8	0.7	8.8	22.0	64.4	100.8	403.0	981.3	1634.8	2302.9

REPORT NUMBER: P1444960

CATALOG NUMBER: CWP75 (60W-3000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	0.7	0.8	0.8	1.8	17.0	58.6	97.1	379.7	941.3	1630.4	2305.1
46°	0.8	0.8	0.8	0.7	13.5	53.0	93.4	362.8	906.0	1623.9	2303.5
47°	0.8	0.9	0.9	0.8	9.7	47.8	89.4	342.9	857.4	1617.1	2305.8
48°	0.9	0.9	0.9	0.8	6.4	42.6	84.8	326.6	820.8	1606.5	2314.0
49°	0.9	1.0	0.9	0.8	4.6	37.1	80.2	305.4	796.6	1593.0	2292.2
50°	0.9	1.0	1.0	0.9	2.8	31.6	75.4	286.8	779.9	1576.1	2273.2
51°	1.0	1.1	1.0	0.9	0.8	26.7	70.4	267.3	760.6	1558.8	2299.3
52°	1.0	1.1	1.1	1.0	0.8	22.8	65.5	249.6	740.7	1543.8	2333.7
53°	1.1	1.2	1.1	1.0	0.8	18.8	60.8	233.5	719.1	1517.3	2326.5
54°	1.1	1.2	1.2	1.0	0.8	14.9	56.3	217.6	695.8	1492.9	2307.3
55°	1.2	1.3	1.2	1.1	0.8	11.6	51.9	202.6	673.1	1479.3	2295.7
56°	1.2	1.3	1.3	1.1	0.9	8.6	47.6	189.6	651.7	1464.7	2279.4
57°	1.3	1.4	1.3	1.2	0.9	5.9	43.4	174.9	632.6	1433.3	2266.5
58°	1.3	1.4	1.4	1.2	0.9	3.8	39.4	163.4	616.7	1405.4	2287.6
59°	1.4	1.5	1.4	1.3	1.0	2.1	35.7	152.7	601.7	1377.2	2294.0
60°	1.4	1.5	1.5	1.3	1.0	0.8	32.2	141.2	585.0	1355.8	2267.4
61°	1.5	1.6	1.6	1.4	1.1	0.8	28.8	131.9	566.6	1340.5	2236.6
62°	1.6	1.7	1.6	1.4	1.1	0.8	25.8	124.4	548.6	1321.9	2213.0
63°	1.6	1.8	1.7	1.5	1.1	0.8	23.0	113.3	531.7	1301.3	2190.2
64°	1.7	1.8	1.8	1.5	1.2	0.8	20.2	106.3	517.3	1279.1	2181.6
65°	1.8	1.9	1.8	1.6	1.2	0.8	17.5	99.9	503.1	1251.3	2156.1
66°	1.8	1.9	1.9	1.7	1.3	0.8	14.6	92.3	488.8	1223.7	2136.0
67°	1.9	2.0	2.0	1.7	1.3	0.8	11.9	84.7	473.4	1198.4	2117.5
68°	2.0	2.1	2.0	1.8	1.3	0.9	9.3	77.1	457.3	1172.8	2081.4
69°	2.0	2.1	2.1	1.8	1.4	0.9	7.0	69.5	442.9	1149.7	2053.5
70°	2.1	2.2	2.1	1.9	1.4	0.9	5.0	62.7	427.6	1122.6	2022.5
71°	2.2	2.3	2.2	1.9	1.5	0.9	3.3	57.1	414.0	1095.1	1982.4
72°	2.2	2.3	2.3	2.0	1.5	1.0	2.0	51.4	400.3	1066.8	1944.3
73°	2.3	2.4	2.3	2.0	1.5	1.0	1.2	45.6	385.7	1033.8	1909.7
74°	2.3	2.5	2.4	2.1	1.6	1.0	1.0	40.9	371.7	1004.0	1878.0
75°	2.4	2.5	2.5	2.1	1.6	1.0	0.8	36.4	356.0	975.2	1840.9
76°	2.5	2.6	2.5	2.2	1.7	1.1	0.7	31.8	341.4	947.2	1805.4
77°	2.5	2.7	2.6	2.3	1.7	1.1	0.6	27.6	327.4	918.2	1752.2
78°	2.6	2.7	2.6	2.3	1.8	1.1	0.6	23.9	313.2	889.0	1702.2
79°	2.6	2.8	2.7	2.4	1.8	1.1	0.6	20.4	299.2	859.9	1655.8
80°	2.7	2.9	2.8	2.4	1.8	1.2	0.6	17.0	284.3	827.1	1591.8
81°	2.7	2.9	2.8	2.5	1.9	1.2	0.6	13.9	270.9	794.6	1560.7
82°	2.8	2.9	2.9	2.5	1.9	1.2	0.6	11.0	257.9	774.7	1516.6
83°	2.8	3.0	2.9	2.5	1.9	1.2	0.6	8.8	245.5	740.7	1456.8
84°	2.9	3.0	2.9	2.6	1.9	1.2	0.7	6.5	235.9	725.2	1432.9
85°	2.9	3.0	3.0	2.6	2.0	1.3	0.7	4.3	224.1	692.9	1369.1
86°	2.9	3.1	3.0	2.6	2.0	1.3	0.7	2.7	215.6	672.9	1330.7
87°	3.0	3.1	3.1	2.7	2.0	1.3	0.7	1.5	206.2	645.8	1290.0
88°	3.1	3.2	3.1	2.7	2.1	1.3	0.7	0.8	199.6	625.8	1233.1
89°	3.1	3.3	3.2	2.8	2.1	1.4	0.7	0.5	193.3	608.2	1199.5

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CATALOG NUMBER: CWP75 (60W-3000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
90°	3.2	3.3	3.2	2.8	2.1	1.4	0.8	0.3	188.0	594.3	1164.2
91°	3.2	3.4	3.3	2.8	2.2	1.4	0.8	0.3	182.5	584.6	1135.0
92°	3.2	3.4	3.3	2.9	2.2	1.4	0.8	0.3	176.6	573.9	1121.4
93°	3.3	3.4	3.3	2.9	2.2	1.5	0.8	0.2	170.4	561.7	1105.4
94°	3.3	3.5	3.4	3.0	2.3	1.5	0.8	0.2	163.9	546.2	1083.8
95°	3.4	3.5	3.4	3.0	2.3	1.5	0.8	0.3	157.0	528.0	1059.5
96°	3.4	3.6	3.4	3.0	2.3	1.5	0.9	0.3	151.1	509.9	1028.1
97°	3.4	3.6	3.5	3.0	2.3	1.5	0.9	0.3	144.4	493.0	999.0
98°	3.5	3.6	3.5	3.1	2.4	1.6	0.9	0.3	138.4	476.3	972.7
99°	3.5	3.7	3.6	3.1	2.4	1.6	0.9	0.3	132.7	460.9	946.1
100°	3.5	3.7	3.6	3.1	2.4	1.6	0.9	0.3	126.9	445.4	919.8
101°	3.5	3.7	3.6	3.1	2.4	1.6	0.9	0.3	120.9	428.3	893.6
102°	3.6	3.7	3.6	3.2	2.4	1.6	1.0	0.3	115.2	412.4	867.4
103°	3.6	3.8	3.7	3.2	2.5	1.7	1.0	0.3	110.0	396.6	838.9
104°	3.6	3.8	3.7	3.2	2.5	1.7	1.0	0.3	105.2	381.8	810.3
105°	3.6	3.8	3.7	3.2	2.5	1.7	1.0	0.3	100.5	366.1	780.5
106°	3.6	3.8	3.7	3.2	2.5	1.7	1.0	0.3	95.8	350.9	751.7
107°	3.6	3.8	3.6	3.2	2.5	1.7	1.0	0.3	91.9	337.1	724.1
108°	3.6	3.8	3.6	3.2	2.5	1.7	1.0	0.3	88.0	323.6	696.4
109°	3.6	3.8	3.6	3.2	2.5	1.7	1.1	0.3	84.1	310.9	669.9
110°	3.6	3.8	3.6	3.2	2.5	1.7	1.1	0.3	80.8	298.6	643.4
111°	3.6	3.8	3.7	3.2	2.5	1.7	1.1	0.3	77.7	286.5	617.4
112°	3.5	3.7	3.6	3.2	2.5	1.7	1.1	0.3	74.4	274.4	591.6
113°	3.5	3.7	3.6	3.1	2.4	1.7	1.1	0.3	71.1	261.9	567.0
114°	3.4	3.6	3.5	3.1	2.4	1.7	1.1	0.3	67.6	249.7	543.4
115°	3.4	3.6	3.5	3.1	2.4	1.7	1.1	0.3	64.0	237.8	519.9
116°	3.4	3.6	3.5	3.0	2.4	1.7	1.1	0.3	60.7	227.0	497.4
117°	3.3	3.5	3.4	3.0	2.4	1.7	1.1	0.3	57.6	217.3	475.3
118°	3.3	3.5	3.4	3.0	2.4	1.7	1.2	0.3	54.2	208.2	454.0
119°	3.3	3.5	3.4	3.0	2.4	1.8	1.2	0.3	50.8	198.9	433.2
120°	3.3	3.5	3.4	3.0	2.4	1.8	1.2	0.4	47.4	189.6	413.5
121°	3.3	3.5	3.4	3.0	2.4	1.8	1.2	0.4	44.5	180.1	394.6
122°	3.3	3.5	3.4	3.0	2.5	1.8	1.2	0.4	42.0	170.6	375.1
123°	3.3	3.5	3.4	3.0	2.5	1.9	1.3	0.4	40.1	161.0	355.8
124°	3.3	3.5	3.4	3.1	2.5	1.9	1.3	0.4	38.5	151.7	338.0
125°	3.3	3.5	3.4	3.1	2.5	1.9	1.3	0.4	37.3	143.0	321.6
126°	3.3	3.5	3.4	3.1	2.5	1.9	1.4	0.4	35.9	135.0	307.3
127°	3.3	3.5	3.4	3.1	2.6	2.0	1.4	0.4	34.5	127.9	292.0
128°	3.3	3.5	3.4	3.1	2.6	2.0	1.4	0.5	33.2	122.0	276.7
129°	3.3	3.5	3.4	3.1	2.6	2.0	1.4	0.5	32.2	117.1	262.3
130°	3.3	3.5	3.4	3.1	2.7	2.1	1.5	0.5	31.5	113.5	248.6
131°	3.3	3.5	3.4	3.2	2.7	2.1	1.5	0.5	30.7	109.9	235.3
132°	3.3	3.5	3.4	3.2	2.7	2.1	1.5	0.5	29.8	104.8	222.3
133°	3.3	3.5	3.4	3.2	2.7	2.2	1.6	0.6	28.8	98.9	209.5
134°	3.3	3.5	3.4	3.2	2.8	2.2	1.6	0.6	27.5	93.6	197.5

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CATALOG NUMBER: CWP75 (60W-3000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
135°	3.3	3.5	3.4	3.2	2.8	2.2	1.6	0.6	26.2	88.3	185.6
136°	3.2	3.4	3.4	3.2	2.8	2.2	1.7	0.6	25.0	83.0	174.0
137°	3.2	3.4	3.4	3.2	2.8	2.2	1.7	0.6	23.6	78.8	163.0
138°	3.2	3.4	3.4	3.2	2.8	2.3	1.7	0.7	22.0	75.0	152.8
139°	3.2	3.4	3.4	3.2	2.8	2.3	1.7	0.7	20.6	71.3	143.2
140°	3.2	3.4	3.4	3.2	2.8	2.3	1.8	0.7	19.2	68.0	134.6
141°	3.2	3.4	3.4	3.2	2.8	2.3	1.8	0.7	17.8	65.2	126.3
142°	3.2	3.4	3.4	3.2	2.8	2.3	1.8	0.8	16.4	62.7	119.0
143°	3.2	3.4	3.4	3.2	2.8	2.4	1.9	0.8	15.0	60.6	112.9
144°	3.2	3.4	3.4	3.2	2.8	2.4	1.9	0.8	13.6	58.4	107.3
145°	3.2	3.3	3.3	3.2	2.8	2.4	2.0	0.9	12.3	55.9	101.8
146°	3.1	3.3	3.3	3.2	2.8	2.4	2.0	0.9	11.1	52.9	96.1
147°	3.1	3.3	3.3	3.1	2.8	2.5	2.0	0.9	9.9	49.5	91.3
148°	3.1	3.2	3.3	3.1	2.8	2.5	2.1	1.0	8.8	46.3	86.5
149°	3.0	3.2	3.2	3.1	2.8	2.5	2.1	1.0	7.7	43.4	81.7
150°	3.0	3.1	3.2	3.1	2.8	2.5	2.2	1.0	6.8	40.7	77.4
151°	2.9	3.1	3.1	3.0	2.8	2.5	2.2	1.1	6.0	38.2	72.8
152°	2.9	3.0	3.1	3.0	2.8	2.5	2.2	1.1	5.2	35.8	68.2
153°	2.8	3.0	3.0	2.9	2.8	2.5	2.3	1.1	4.4	33.3	63.8
154°	2.7	2.9	2.9	2.9	2.8	2.5	2.3	1.2	3.5	30.8	59.4
155°	2.7	2.8	2.8	2.8	2.7	2.5	2.3	1.2	2.7	28.2	54.9
156°	2.6	2.7	2.8	2.8	2.7	2.6	2.4	1.3	1.9	25.6	50.5
157°	2.5	2.6	2.7	2.7	2.7	2.5	2.4	1.3	1.3	23.1	46.3
158°	2.5	2.6	2.6	2.6	2.6	2.5	2.4	1.3	1.2	20.6	42.1
159°	2.4	2.5	2.5	2.6	2.6	2.5	2.4	1.4	1.2	18.3	38.1
160°	2.3	2.4	2.4	2.5	2.5	2.5	2.4	1.4	1.3	16.2	34.4
161°	2.2	2.3	2.3	2.4	2.4	2.4	2.4	1.4	1.3	14.1	30.8
162°	2.2	2.2	2.2	2.3	2.3	2.3	2.4	1.5	1.3	12.1	27.2
163°	2.1	2.1	2.1	2.1	2.2	2.3	2.3	1.5	1.4	9.9	23.7
164°	2.0	2.0	2.0	2.0	2.1	2.2	2.3	1.5	1.4	7.6	20.4
165°	1.9	1.9	1.9	1.9	2.0	2.1	2.2	1.6	1.4	5.4	17.6
166°	1.9	1.8	1.8	1.8	1.9	2.0	2.1	1.6	1.5	3.5	14.7
167°	1.8	1.7	1.7	1.7	1.8	2.0	2.1	1.6	1.5	2.0	12.0
168°	1.7	1.6	1.6	1.6	1.7	1.9	2.0	1.6	1.5	1.4	9.1
169°	1.7	1.6	1.5	1.5	1.6	1.8	2.0	1.6	1.5	1.5	6.3
170°	1.6	1.5	1.4	1.5	1.5	1.7	1.9	1.7	1.6	1.4	3.5
171°	1.6	1.5	1.4	1.4	1.5	1.7	1.9	1.7	1.6	1.4	1.6
172°	1.6	1.4	1.4	1.4	1.5	1.6	1.8	1.7	1.6	1.5	1.4
173°	1.6	1.4	1.3	1.3	1.4	1.6	1.8	1.7	1.6	1.5	1.4
174°	1.6	1.4	1.3	1.3	1.4	1.6	1.8	1.7	1.6	1.5	1.4
175°	1.5	1.4	1.3	1.3	1.4	1.5	1.7	1.8	1.7	1.6	1.4
176°	1.5	1.4	1.3	1.3	1.3	1.5	1.6	1.8	1.7	1.6	1.5
177°	1.5	1.4	1.3	1.3	1.3	1.4	1.6	1.8	1.7	1.6	1.5
178°	1.5	1.4	1.3	1.2	1.3	1.4	1.5	1.9	1.8	1.7	1.5
179°	1.5	1.4	1.3	1.2	1.3	1.3	1.5	1.9	1.8	1.7	1.6



REPORT NUMBER: P1444960
CATALOG NUMBER: CWP75 (60W-3000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
180°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3

REPORT NUMBER: P1444960

CATALOG NUMBER: CWP75 (60W-3000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	973.2	973.2	973.2
1°	1153.6	1185.4	1199.9
2°	1307.5	1326.9	1331.3
3°	1392.0	1443.2	1463.3
4°	1505.7	1540.9	1554.2
5°	1580.3	1653.0	1674.2
6°	1686.0	1746.6	1776.8
7°	1765.2	1864.1	1900.0
8°	1867.6	1981.3	2023.4
9°	1969.0	2098.6	2146.8
10°	2070.4	2219.8	2260.4
11°	2168.2	2321.2	2363.1
12°	2257.2	2383.6	2408.1
13°	2323.4	2399.1	2369.2
14°	2356.5	2331.7	2347.5
15°	2312.1	2290.7	2284.0
16°	2271.8	2276.4	2295.4
17°	2195.6	2252.7	2304.0
18°	2206.8	2317.4	2410.7
19°	2171.0	2416.8	2497.6
20°	2239.8	2512.9	2589.3
21°	2326.9	2582.1	2653.0
22°	2411.1	2636.7	2711.5
23°	2471.4	2685.0	2749.9
24°	2514.1	2734.8	2802.5
25°	2556.6	2792.3	2875.0
26°	2604.5	2836.2	2915.6
27°	2644.7	2879.5	2958.3
28°	2679.7	2925.4	3018.4
29°	2710.4	2965.3	3071.6
30°	2737.1	3009.1	3104.5
31°	2769.4	3050.0	3136.5
32°	2795.8	3071.2	3159.7
33°	2820.3	3103.5	3203.6
34°	2844.3	3141.2	3217.5
35°	2870.1	3181.2	3293.5
36°	2889.9	3213.5	3321.7
37°	2905.4	3243.4	3314.5
38°	2917.4	3283.4	3400.5
39°	2936.3	3301.2	3378.2
40°	2946.0	3327.7	3436.3
41°	2941.2	3368.6	3477.7
42°	2950.3	3357.8	3382.9
43°	2958.8	3358.6	3499.5
44°	2950.2	3374.6	3396.9

REPORT NUMBER: P1444960

CATALOG NUMBER: CWP75 (60W-3000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	2948.1	3268.7	3203.8
46°	2922.3	3285.2	3609.5
47°	2881.6	3560.4	3808.9
48°	2929.4	3586.0	3479.8
49°	3008.0	3392.2	3459.7
50°	2964.1	3387.5	3555.6
51°	2946.8	3396.3	3457.2
52°	2974.7	3363.5	3612.2
53°	2907.7	3523.5	3825.5
54°	2903.6	3632.6	3731.5
55°	2983.3	3536.1	3636.6
56°	3007.2	3478.7	3650.1
57°	3007.0	3469.2	3578.9
58°	2991.3	3404.3	3522.3
59°	2953.0	3382.7	3567.4
60°	2920.6	3415.1	3547.1
61°	2920.6	3367.7	3469.7
62°	2910.6	3344.9	3502.7
63°	2889.1	3355.4	3465.5
64°	2891.5	3287.7	3363.9
65°	2873.9	3192.4	3301.6
66°	2810.9	3176.9	3311.9
67°	2763.0	3130.3	3220.3
68°	2738.3	3034.5	3137.2
69°	2679.5	3010.3	3152.0
70°	2630.5	2978.4	3084.9
71°	2600.2	2968.9	3092.2
72°	2564.1	2873.0	2954.6
73°	2511.5	2843.1	2981.4
74°	2466.1	2790.4	2883.0
75°	2419.8	2711.8	2829.7
76°	2348.3	2646.3	2760.5
77°	2287.6	2606.0	2720.6
78°	2240.0	2518.4	2640.1
79°	2162.2	2460.9	2576.1
80°	2111.0	2435.4	2551.1
81°	2083.4	2378.7	2489.2
82°	1999.6	2286.2	2401.6
83°	1938.5	2231.8	2341.5
84°	1923.5	2218.1	2338.0
85°	1842.3	2129.6	2243.4
86°	1771.5	2050.5	2159.9
87°	1736.6	2017.5	2126.6
88°	1659.7	1956.1	2071.1
89°	1598.4	1866.6	1972.2

REPORT NUMBER: P1444960

CATALOG NUMBER: CWP75 (60W-3000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
90°	1570.1	1824.4	1914.6
91°	1517.3	1788.7	1890.4
92°	1476.2	1720.2	1828.2
93°	1462.8	1671.6	1764.1
94°	1442.7	1658.3	1741.3
95°	1417.3	1639.1	1727.0
96°	1391.1	1613.1	1699.1
97°	1355.0	1582.6	1671.3
98°	1326.0	1542.6	1630.3
99°	1299.6	1516.4	1598.5
100°	1269.1	1489.4	1580.9
101°	1241.1	1459.1	1543.7
102°	1212.9	1432.6	1514.2
103°	1183.5	1402.4	1486.3
104°	1152.0	1371.3	1454.8
105°	1120.2	1339.6	1423.0
106°	1087.1	1305.4	1389.2
107°	1054.3	1272.8	1356.1
108°	1020.7	1238.2	1320.8
109°	988.8	1202.0	1284.0
110°	956.8	1165.8	1246.0
111°	927.3	1129.3	1209.0
112°	897.7	1094.5	1172.7
113°	868.2	1060.8	1135.9
114°	838.7	1027.6	1100.8
115°	809.1	994.3	1066.2
116°	780.7	962.4	1032.2
117°	752.3	932.1	998.5
118°	724.8	901.9	965.8
119°	696.8	871.6	934.9
120°	670.3	840.3	904.0
121°	644.4	809.6	873.0
122°	618.2	779.0	840.4
123°	592.2	749.9	810.1
124°	566.8	720.0	779.3
125°	541.6	691.2	747.8
126°	516.5	662.7	717.2
127°	491.9	634.5	688.5
128°	467.8	606.5	659.1
129°	444.0	579.0	629.4
130°	420.8	552.4	601.0
131°	397.9	524.8	573.2
132°	375.2	498.4	545.1
133°	352.8	472.5	518.2
134°	331.1	447.0	491.9

REPORT NUMBER: P1444960

CATALOG NUMBER: CWP75 (60W-3000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
135°	309.6	422.2	465.6
136°	289.0	398.0	440.3
137°	269.5	374.6	415.2
138°	251.0	351.6	390.8
139°	234.0	328.5	366.8
140°	218.3	305.8	343.3
141°	202.7	282.4	319.2
142°	186.8	258.6	294.6
143°	171.6	234.7	269.8
144°	157.7	211.9	244.7
145°	144.7	189.5	219.8
146°	132.4	169.4	195.0
147°	121.5	151.3	171.0
148°	112.0	134.4	148.0
149°	104.3	120.6	128.4
150°	99.2	112.4	116.7
151°	95.3	109.7	115.3
152°	90.2	107.5	114.4
153°	85.0	102.4	108.8
154°	79.9	96.0	102.1
155°	74.3	89.4	95.0
156°	68.9	82.9	88.3
157°	63.9	76.4	81.6
158°	58.9	70.5	74.9
159°	54.1	64.9	69.0
160°	49.4	59.5	63.3
161°	44.9	54.2	57.7
162°	40.6	49.3	52.5
163°	36.5	44.6	47.6
164°	32.5	40.1	42.8
165°	28.2	35.6	38.3
166°	23.9	30.9	33.5
167°	20.0	25.9	28.3
168°	16.5	21.3	23.2
169°	13.2	17.5	18.9
170°	9.9	13.8	15.1
171°	6.5	10.2	11.7
172°	3.0	6.4	8.2
173°	1.4	2.6	4.8
174°	1.3	1.2	1.3
175°	1.3	1.2	1.2
176°	1.4	1.3	1.2
177°	1.4	1.3	1.3
178°	1.4	1.3	1.3
179°	1.5	1.3	1.3

REPORT NUMBER: P1444960

CATALOG NUMBER: CWP75 (60W-3000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	1.3	1.3	1.3

(END OF REPORT)