

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: P1444936

Luminaire Tested: CWP125 (50W-3000K)

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2024
Report Number: P1444936
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: CWP125 (50W-3000K)
Description: COMPACT WALL PACK, 125W
SET TO 50W, 3000K CCT
Light Source: 3000K/5000K CCT, 80 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6941 lumens
Efficiency: N/A
Efficacy: 137.7 lumens/watt
Luminous Opening: Point Source (0m x 0m x 0m)
IES Classification: Type IV - Short
BUG Rating: B0 - U4 - G4

Input Watts (W): 50.4
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



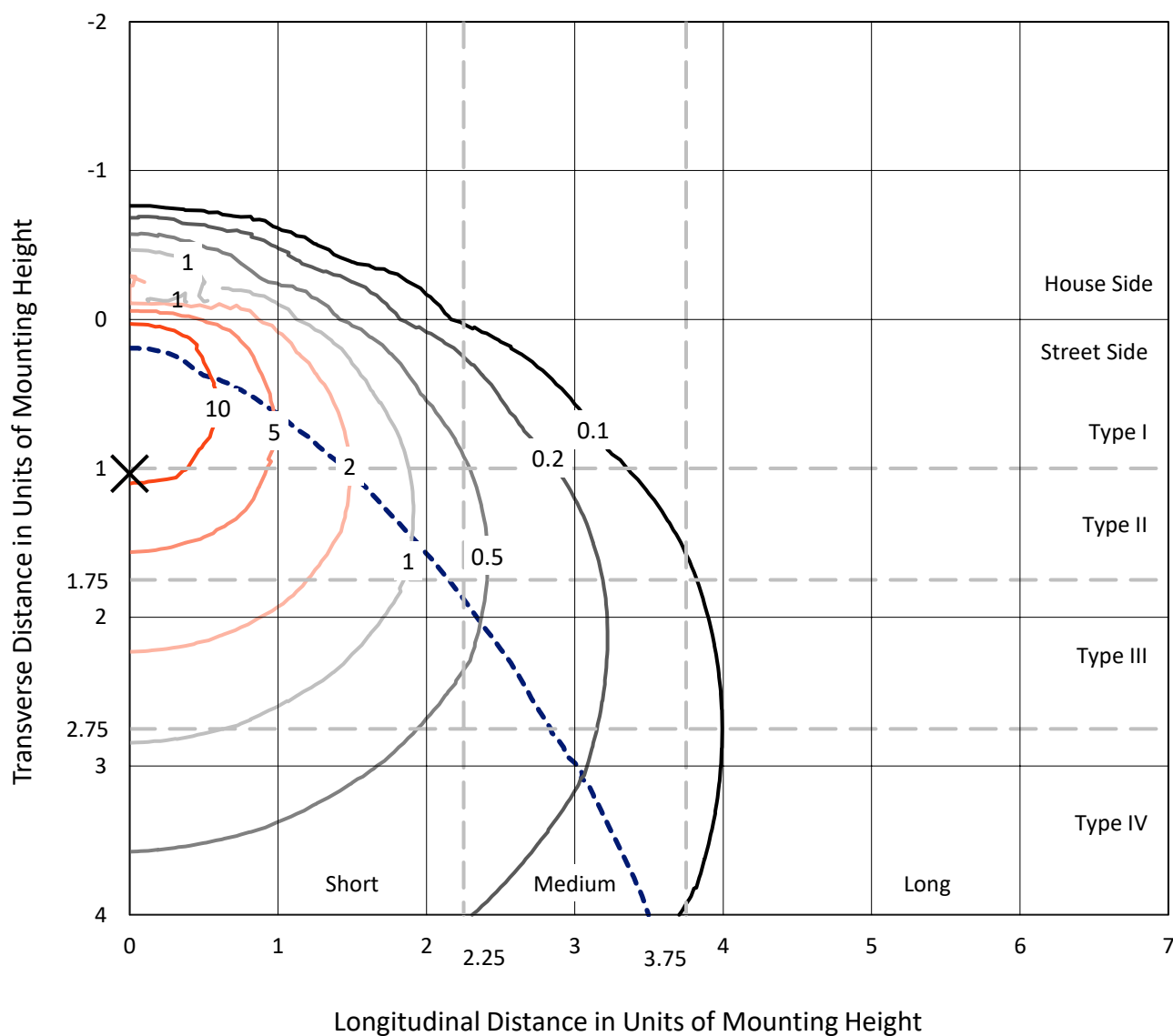
REPORT NUMBER: P1444936

CATALOG NUMBER: CWP125 (50W-3000K)

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



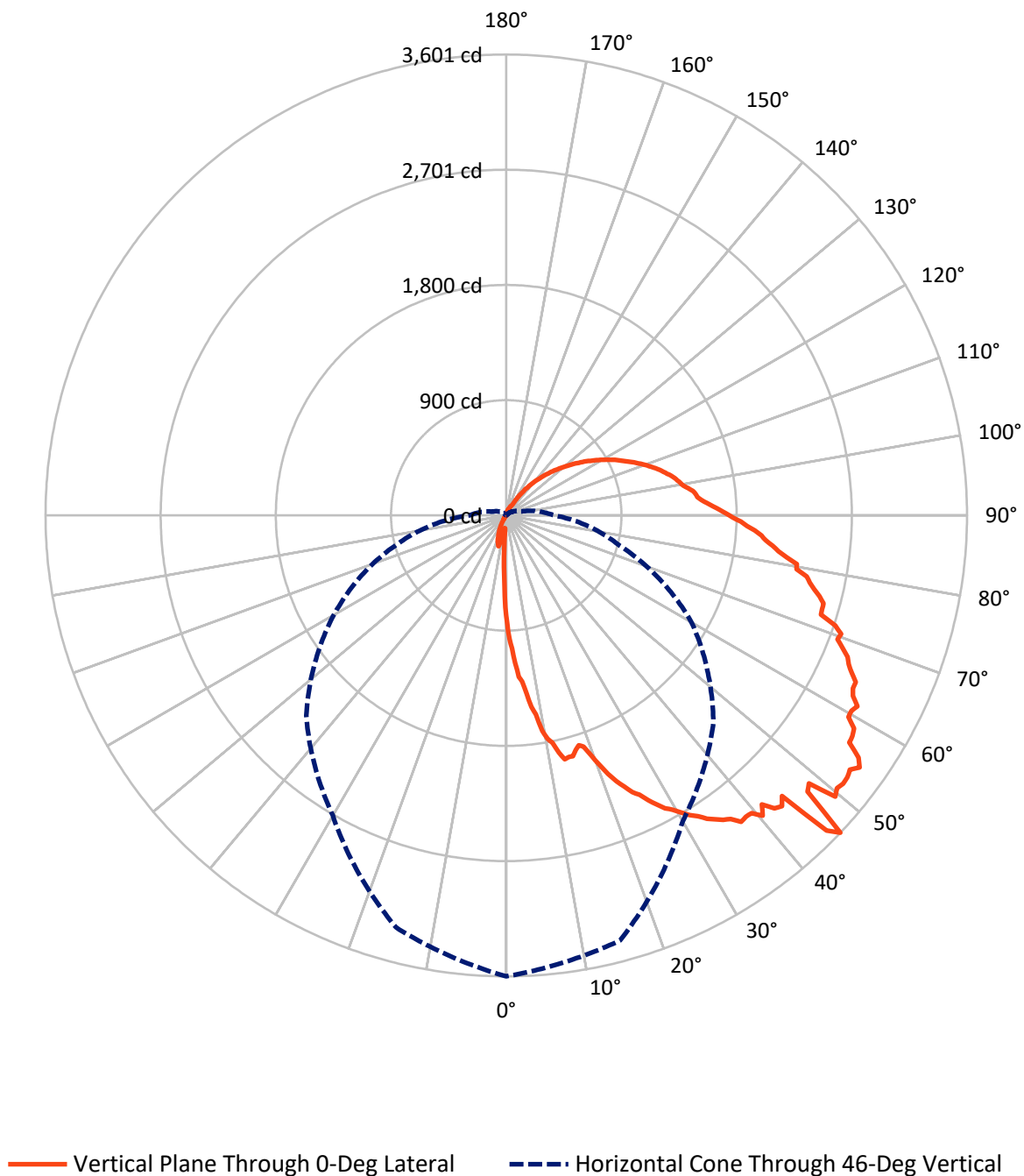
Based on 10 foot mounting height. Maximum calculated value = 18 fc

Type IV - Short - N/A

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Luminous Intensity Polar Plot



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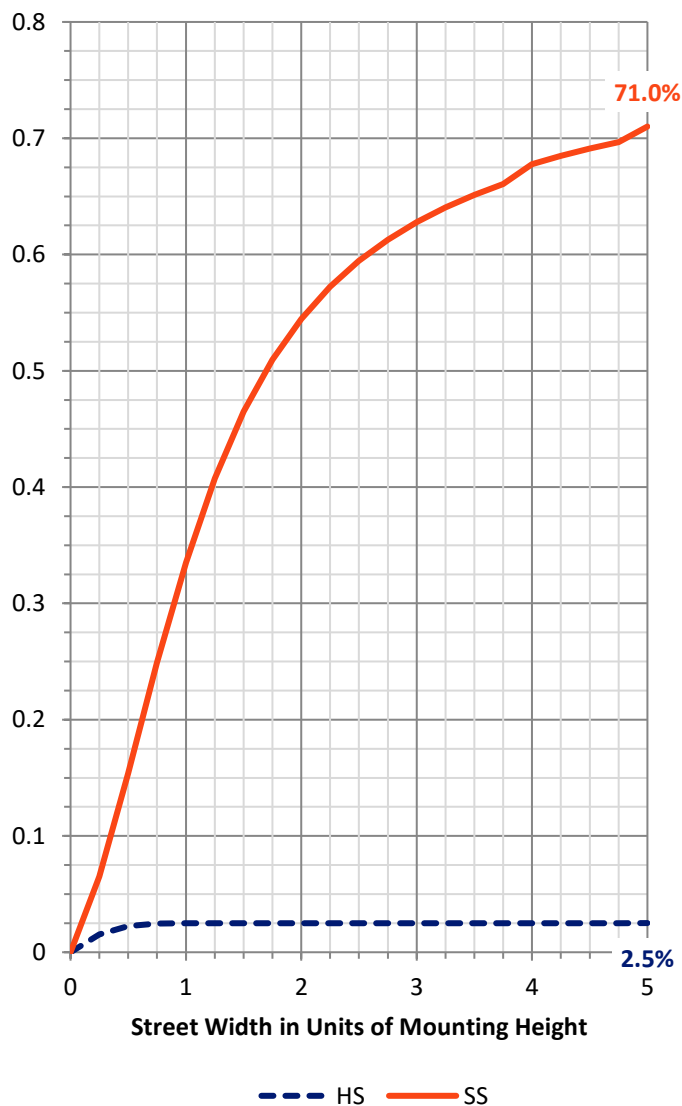
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	176.4	6.6	182.9
	% Fixture	2.5	0.1	2.6
Street Side	Lumens	5396.9	1361.2	6758.1
	% Fixture	77.8	19.6	97.4
Total	Lumens	5573.3	1367.8	6941.0
	% Fixture	80.3	19.7	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.4	1.1
10°-20°	253.9	3.7
20°-30°	451.8	6.5
30°-40°	658.5	9.5
40°-50°	830.0	12.0
50°-60°	938.9	13.5
60°-70°	925.8	13.3
70°-80°	808.6	11.6
80°-90°	630.4	9.1
90°-100°	471.8	6.8
100°-110°	363.7	5.2
110°-120°	252.4	3.6
120°-130°	155.3	2.2
130°-140°	80.7	1.2
140°-150°	31.1	0.4
150°-160°	10.0	0.1
160°-170°	2.7	0.0
170°-180°	0.2	0.0
0°-90°	5573.3	80.3
0°-180°	6941.0	100.0

Coefficient of Utilization



REPORT NUMBER: P1444936

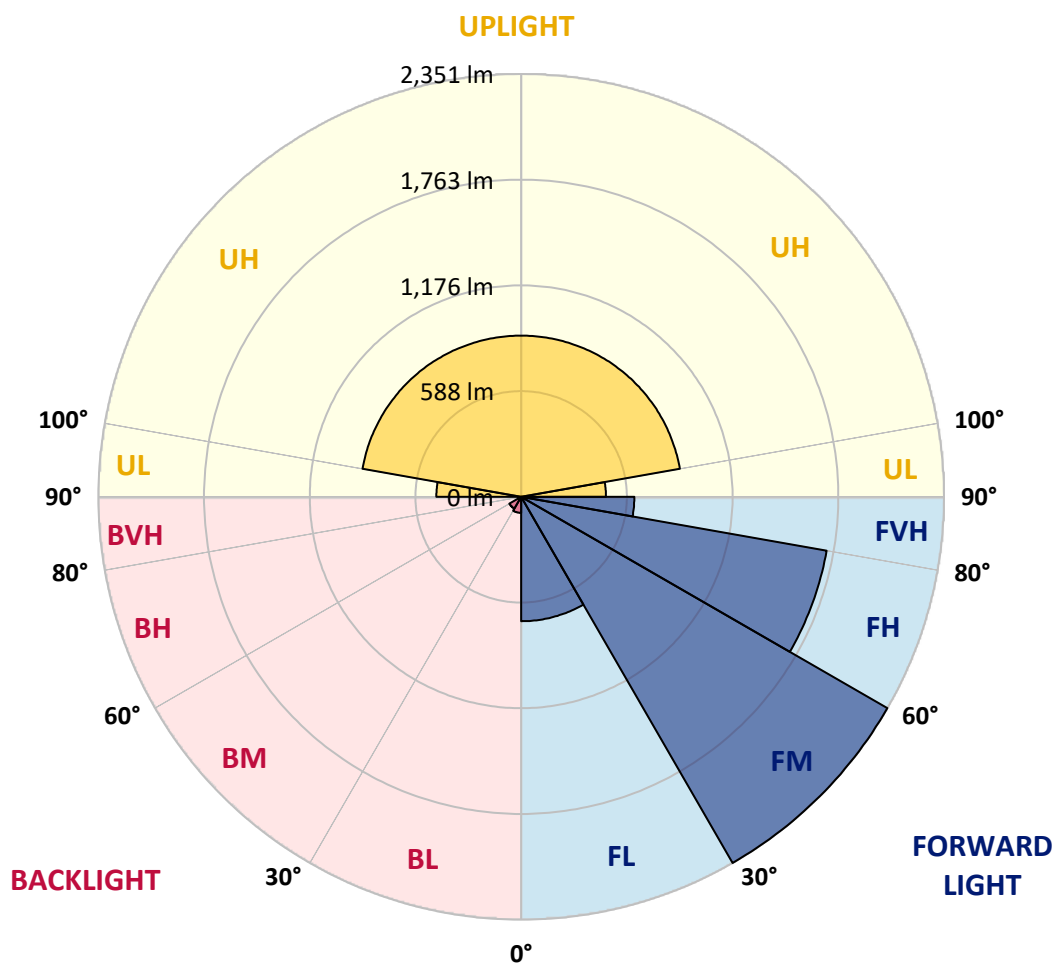
CATALOG NUMBER: CWP125 (50W-3000K)

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	691.8	10.0			
FM	(30°-60°)	2351.2	33.9			
FH	(60°-80°)	1724.6	24.8			G1/1800
FVH	(80°-90°)	629.2	9.1			G4/750
BL	(0°-30°)	89.3	1.3	B0/110		
BM	(30°-60°)	76.1	1.1	B0/220		
BH	(60°-80°)	9.8	0.1	B0/110		G0/110
BVH	(80°-90°)	1.2	0.0			G0/10
UL	(90°-100°)	471.8	6.8		U3/500	
UH	(100°-180°)	896.0	12.9		U4/1000	

BUG Rating: B0-U4-G4

Type IV Short



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CATALOG NUMBER: CWP125 (50W-3000K)

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	848.6	848.6	848.6	848.6	848.6	848.6	848.6	848.6	848.6	848.6	848.6
1°	966.0	968.2	963.6	946.4	916.0	882.4	846.6	824.9	792.7	756.6	732.0
2°	1040.9	1039.8	1016.1	999.3	982.6	927.4	852.8	792.8	703.4	636.9	584.1
3°	1155.4	1155.2	1145.4	1095.2	1009.1	967.2	852.5	747.2	623.2	511.8	429.5
4°	1265.2	1262.2	1220.5	1163.3	1078.2	982.2	845.5	697.6	535.8	397.5	322.1
5°	1303.5	1292.7	1283.2	1234.3	1138.2	993.4	845.6	656.1	441.0	302.3	214.7
6°	1400.7	1402.5	1363.5	1274.5	1163.8	1010.4	842.4	611.0	369.1	207.0	109.0
7°	1509.6	1484.2	1406.2	1322.6	1229.8	1049.4	839.1	563.0	288.8	112.6	100.1
8°	1572.2	1559.1	1513.4	1384.6	1265.2	1093.7	839.5	522.2	208.5	102.8	101.5
9°	1707.2	1695.5	1562.1	1432.5	1272.5	1113.5	829.3	468.6	128.6	97.5	102.9
10°	1775.8	1757.2	1687.9	1524.2	1326.1	1122.1	818.8	421.6	111.0	96.1	104.4
11°	1812.4	1809.6	1732.9	1564.8	1355.3	1127.3	813.9	378.9	103.2	99.0	111.7
12°	1896.8	1875.2	1789.8	1657.3	1359.9	1147.0	807.8	336.5	97.7	103.0	122.5
13°	1958.6	1929.7	1850.5	1679.7	1421.0	1173.9	799.8	293.0	93.9	109.1	136.0
14°	1949.4	1979.0	1886.3	1734.9	1455.5	1179.8	785.6	248.8	92.6	117.7	161.0
15°	1952.5	1945.5	1943.7	1753.1	1475.2	1164.5	773.5	204.7	93.4	129.3	194.9
16°	1911.8	1910.7	1918.5	1808.9	1534.6	1159.4	766.0	160.9	96.8	144.3	218.8
17°	1883.5	1893.0	1911.7	1830.3	1556.5	1163.8	757.4	131.0	101.5	161.6	234.2
18°	1904.2	1875.0	1868.9	1875.3	1572.3	1181.7	746.3	111.5	109.1	178.8	232.6
19°	1992.1	1921.4	1846.5	1850.3	1604.3	1194.2	736.6	99.5	116.5	191.1	225.4
20°	2081.4	2012.2	1832.5	1826.9	1612.8	1190.8	731.3	92.3	126.2	198.5	218.1
21°	2170.8	2103.2	1887.8	1780.4	1635.1	1190.1	716.2	87.4	136.4	202.8	206.1
22°	2247.3	2194.2	1974.4	1764.0	1648.1	1195.7	708.6	84.2	146.7	203.4	194.9
23°	2309.7	2256.8	2045.4	1726.8	1646.0	1214.2	696.1	82.2	156.4	202.2	181.6
24°	2374.9	2313.8	2115.7	1726.9	1662.0	1224.0	687.4	81.8	162.9	197.4	169.1
25°	2418.0	2364.7	2186.1	1769.0	1647.9	1224.8	677.6	82.7	167.8	187.4	155.7
26°	2487.1	2420.2	2236.4	1834.4	1603.7	1228.9	666.5	85.1	169.5	178.7	144.0
27°	2546.8	2478.0	2282.5	1899.3	1593.6	1240.9	659.0	88.7	170.3	168.6	131.6
28°	2604.3	2539.4	2323.2	1952.8	1548.1	1252.5	648.0	93.2	169.5	156.0	120.4
29°	2641.2	2579.9	2369.5	1993.8	1526.1	1255.4	639.9	99.1	167.8	147.4	109.7
30°	2694.9	2625.0	2412.5	2024.1	1503.2	1257.1	630.0	106.5	164.6	137.8	98.1
31°	2745.2	2676.0	2447.1	2044.8	1483.5	1257.4	624.4	113.9	160.1	126.9	87.8
32°	2786.3	2717.0	2482.9	2065.5	1485.0	1250.6	609.2	121.0	154.9	116.9	76.5
33°	2840.9	2765.3	2512.8	2086.1	1510.7	1243.4	597.5	126.9	149.5	107.0	66.4
34°	2881.4	2806.7	2546.6	2110.1	1544.4	1229.6	582.8	131.8	143.8	97.0	56.4
35°	2920.6	2848.8	2579.9	2129.7	1584.5	1224.6	570.4	136.0	137.4	88.4	47.6
36°	2951.2	2877.8	2610.4	2152.5	1614.5	1203.6	551.7	138.8	130.2	80.0	39.6
37°	3016.6	2920.8	2633.9	2171.5	1637.0	1188.9	535.5	141.4	123.6	71.7	33.4
38°	3007.4	2956.6	2658.1	2192.8	1645.2	1176.5	518.0	142.9	116.6	63.5	28.4
39°	3015.2	2956.1	2682.6	2214.4	1652.3	1154.9	496.7	143.2	109.4	55.5	24.5
40°	3086.1	2995.4	2695.2	2233.3	1658.4	1134.7	479.8	142.8	102.4	48.3	20.6
41°	3015.4	2990.5	2718.4	2246.4	1660.9	1096.9	459.5	140.5	95.4	41.8	16.8
42°	3103.4	2991.7	2740.6	2262.8	1667.4	1061.6	441.8	137.7	88.4	35.2	14.2
43°	3132.5	3047.6	2734.8	2272.4	1670.5	1026.3	425.1	134.1	81.8	30.1	11.4
44°	3075.2	3010.0	2751.6	2285.1	1670.9	986.1	407.9	129.4	74.9	26.2	4.4

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CATALOG NUMBER: CWP125 (50W-3000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	3511.1	3140.0	2765.3	2293.0	1672.2	948.6	389.0	124.2	68.1	22.4	0.7
46°	3600.9	3437.4	2758.2	2289.0	1672.4	919.4	374.1	118.7	61.7	18.6	0.6
47°	3193.3	3344.9	2884.2	2293.7	1668.2	882.7	361.0	112.4	55.5	14.7	0.6
48°	3159.4	3073.1	2987.8	2293.1	1664.2	853.3	345.5	106.0	49.0	12.4	0.7
49°	3382.1	3146.4	2933.8	2287.6	1653.1	839.5	333.0	99.3	42.3	10.0	0.7
50°	3350.5	3272.2	2890.0	2336.3	1641.9	832.1	320.2	93.1	35.9	3.6	0.7
51°	3365.2	3256.9	2897.5	2374.5	1628.8	828.0	307.1	86.7	30.5	0.6	0.8
52°	3360.3	3278.0	2884.3	2341.8	1616.6	824.6	294.5	80.5	25.7	0.6	0.8
53°	3340.7	3267.9	2929.3	2299.0	1604.4	817.6	280.6	74.7	21.5	0.6	0.9
54°	3392.2	3272.7	2965.1	2315.6	1606.0	802.2	266.4	69.1	17.3	0.7	0.9
55°	3340.5	3298.4	2962.9	2326.5	1609.1	784.3	253.8	63.9	13.1	0.7	0.9
56°	3216.0	3208.1	2982.7	2328.1	1583.3	763.1	241.9	58.9	9.7	0.7	1.0
57°	3207.9	3121.9	2987.6	2334.1	1553.0	739.9	228.4	54.2	6.6	0.7	1.0
58°	3186.9	3115.7	2935.9	2323.4	1536.0	718.2	215.0	49.5	4.4	0.8	1.0
59°	3103.1	3063.1	2889.8	2339.5	1528.0	694.3	203.7	45.2	2.5	0.8	1.1
60°	3099.3	3007.0	2851.2	2346.6	1512.8	670.6	192.7	41.2	0.7	0.8	1.1
61°	3123.6	3022.0	2800.3	2318.5	1496.1	648.6	180.4	37.4	0.6	0.9	1.2
62°	3053.6	3002.4	2766.7	2300.4	1479.3	624.9	168.0	33.8	0.6	0.9	1.2
63°	3027.3	2957.6	2760.6	2278.3	1465.7	605.6	157.5	30.3	0.6	1.0	1.3
64°	3025.1	2941.9	2733.5	2239.5	1441.4	585.4	147.0	27.1	0.6	1.0	1.3
65°	2968.2	2919.1	2703.0	2210.2	1411.6	565.2	136.3	23.4	0.6	1.0	1.4
66°	2917.7	2843.9	2680.1	2188.2	1385.6	545.6	127.8	19.6	0.7	1.1	1.4
67°	2887.0	2810.5	2634.7	2164.1	1355.9	525.7	118.2	15.9	0.7	1.1	1.5
68°	2824.6	2751.1	2580.5	2142.9	1328.4	504.2	108.4	12.4	0.7	1.2	1.5
69°	2763.0	2712.0	2528.3	2111.1	1301.9	483.9	100.6	9.3	0.7	1.2	1.6
70°	2776.5	2651.5	2478.6	2073.0	1276.3	465.3	91.7	6.4	0.8	1.2	1.6
71°	2711.2	2697.4	2418.7	2029.3	1249.9	446.9	83.1	3.9	0.8	1.3	1.7
72°	2578.3	2503.8	2434.5	1981.4	1219.5	431.0	75.6	2.0	0.8	1.3	1.7
73°	2575.1	2501.2	2297.0	1943.1	1188.3	415.6	67.4	1.1	0.9	1.4	1.8
74°	2574.1	2478.0	2260.5	1903.4	1153.0	399.7	60.0	0.8	0.9	1.4	1.8
75°	2529.0	2455.6	2220.7	1835.6	1120.3	384.2	53.0	0.7	0.9	1.4	1.9
76°	2476.1	2405.3	2195.3	1788.4	1084.1	367.3	45.7	0.6	0.9	1.5	1.9
77°	2430.4	2346.8	2147.4	1754.9	1041.4	352.7	39.4	0.5	1.0	1.5	2.0
78°	2396.0	2326.9	2102.5	1715.0	1011.3	335.0	33.3	0.5	1.0	1.6	2.0
79°	2307.1	2238.1	2057.0	1677.2	978.6	320.7	28.1	0.5	1.0	1.6	2.1
80°	2302.0	2228.8	1972.2	1631.2	951.4	307.0	23.5	0.5	1.1	1.6	2.1
81°	2215.8	2137.2	1936.8	1575.6	914.3	294.6	18.9	0.5	1.1	1.7	2.2
82°	2146.0	2081.1	1897.2	1514.9	884.2	280.8	14.4	0.5	1.1	1.7	2.2
83°	2094.7	2026.4	1814.9	1464.8	842.8	267.7	10.9	0.6	1.1	1.7	2.3
84°	2036.8	1965.9	1770.8	1417.6	807.0	255.2	8.2	0.6	1.1	1.8	2.3
85°	2000.9	1925.6	1724.3	1375.8	775.8	243.9	6.0	0.6	1.2	1.8	2.3
86°	1945.6	1872.0	1671.5	1325.9	742.3	232.8	4.4	0.6	1.2	1.8	2.3
87°	1883.1	1808.4	1612.7	1275.9	710.7	222.7	3.1	0.6	1.2	1.9	2.4
88°	1834.4	1760.7	1563.2	1228.1	683.4	214.1	2.1	0.6	1.3	1.9	2.4
89°	1767.3	1695.4	1507.4	1186.6	659.4	207.8	1.5	0.7	1.3	1.9	2.5

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CATALOG NUMBER: CWP125 (50W-3000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	1718.2	1653.1	1462.9	1144.4	639.2	203.7	1.2	0.7	1.3	2.0	2.5
91°	1668.1	1602.5	1415.7	1107.8	624.2	200.7	1.0	0.7	1.3	2.0	2.6
92°	1617.2	1547.6	1370.8	1082.0	611.8	195.9	0.8	0.7	1.4	2.0	2.6
93°	1570.3	1507.8	1335.9	1062.3	595.7	189.4	0.7	0.7	1.4	2.1	2.6
94°	1529.6	1470.6	1311.7	1048.1	578.8	181.7	0.6	0.8	1.4	2.1	2.7
95°	1500.3	1444.8	1301.7	1025.8	561.0	174.5	0.6	0.8	1.4	2.1	2.7
96°	1489.0	1438.4	1278.6	1002.5	541.4	167.3	0.5	0.8	1.5	2.1	2.7
97°	1470.6	1414.2	1250.0	979.1	521.4	160.0	0.5	0.8	1.5	2.2	2.7
98°	1437.0	1381.5	1222.6	955.8	503.4	153.0	0.4	0.8	1.5	2.2	2.8
99°	1403.8	1353.3	1200.5	933.2	486.2	145.9	0.4	0.8	1.5	2.2	2.8
100°	1385.2	1333.6	1180.7	909.4	468.6	139.6	0.4	0.9	1.5	2.2	2.8
101°	1366.3	1314.4	1160.4	884.7	451.5	133.4	0.4	0.9	1.6	2.2	2.8
102°	1348.9	1298.5	1136.1	860.2	434.9	127.5	0.4	0.9	1.6	2.3	2.9
103°	1327.4	1271.6	1110.3	835.2	418.8	121.6	0.4	0.9	1.6	2.3	2.9
104°	1298.3	1245.2	1086.3	809.6	402.8	116.0	0.4	0.9	1.6	2.3	2.9
105°	1275.3	1220.8	1061.1	784.0	387.5	111.0	0.4	0.9	1.6	2.3	2.9
106°	1250.9	1195.5	1034.7	759.4	372.9	106.2	0.4	0.9	1.6	2.3	2.9
107°	1224.1	1169.4	1027.4	734.4	359.0	100.8	0.4	0.9	1.6	2.3	2.9
108°	1196.1	1142.7	992.4	709.4	345.2	96.1	0.4	0.9	1.6	2.3	2.9
109°	1168.4	1114.4	957.0	684.7	331.2	91.5	0.4	1.0	1.6	2.3	2.8
110°	1139.4	1085.5	929.3	660.4	317.2	87.3	0.4	1.0	1.6	2.3	2.9
111°	1110.2	1056.7	902.4	636.1	303.6	83.1	0.4	1.0	1.6	2.3	2.9
112°	1081.2	1028.1	875.8	612.3	290.4	78.9	0.4	1.0	1.6	2.2	2.8
113°	1051.3	1001.2	848.9	588.5	277.0	74.7	0.4	1.0	1.6	2.2	2.8
114°	1023.1	974.4	822.8	564.6	264.2	70.9	0.4	1.0	1.6	2.2	2.7
115°	995.7	947.6	796.4	541.8	251.5	67.3	0.5	1.0	1.6	2.2	2.7
116°	968.3	919.7	770.2	519.6	238.9	64.1	0.5	1.0	1.6	2.2	2.7
117°	940.9	891.5	743.9	497.4	226.1	60.8	0.5	1.0	1.6	2.1	2.7
118°	912.0	863.4	717.3	475.3	213.9	57.0	0.5	1.0	1.6	2.1	2.6
119°	884.1	834.8	691.8	453.7	203.2	53.7	0.5	1.0	1.6	2.1	2.6
120°	854.8	806.2	666.9	433.0	193.4	50.9	0.5	1.0	1.6	2.1	2.6
121°	825.8	778.4	642.1	412.4	183.7	48.4	0.5	1.0	1.6	2.1	2.6
122°	796.3	751.5	617.1	391.8	174.0	45.9	0.5	1.0	1.6	2.1	2.6
123°	769.2	724.2	592.6	372.8	165.2	43.8	0.5	1.0	1.6	2.1	2.6
124°	742.0	697.4	568.5	354.7	157.4	42.6	0.5	1.0	1.6	2.1	2.6
125°	713.1	670.5	544.8	337.5	151.2	42.3	0.5	1.0	1.6	2.1	2.6
126°	686.1	644.7	521.1	319.8	146.5	42.0	0.6	1.0	1.6	2.1	2.6
127°	659.8	618.5	497.4	302.1	139.8	41.2	0.6	1.0	1.6	2.1	2.6
128°	632.3	592.1	474.7	285.1	131.5	40.2	0.6	1.1	1.6	2.1	2.6
129°	604.5	566.4	451.1	268.9	123.3	38.7	0.6	1.1	1.6	2.1	2.6
130°	578.2	541.1	427.7	253.3	115.5	36.7	0.6	1.1	1.6	2.1	2.6
131°	552.1	515.5	405.0	238.4	108.4	34.6	0.7	1.1	1.6	2.1	2.6
132°	525.7	489.8	381.9	223.8	102.1	32.6	0.7	1.1	1.6	2.2	2.6
133°	500.6	465.6	359.9	209.8	96.4	30.9	0.7	1.1	1.6	2.2	2.6
134°	475.9	441.5	338.2	195.8	90.7	29.0	0.7	1.2	1.7	2.2	2.6

REPORT NUMBER: P1444936

CATALOG NUMBER: CWP125 (50W-3000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
135°	451.5	417.8	317.1	182.1	85.1	27.1	0.7	1.2	1.7	2.2	2.6
136°	426.6	393.9	296.3	169.9	79.6	25.3	0.8	1.2	1.7	2.2	2.6
137°	402.9	371.2	276.6	158.5	74.3	23.8	0.8	1.2	1.7	2.2	2.6
138°	378.5	347.7	256.9	147.8	69.4	22.3	0.8	1.2	1.7	2.2	2.6
139°	354.7	324.6	237.7	137.8	65.1	21.0	0.9	1.3	1.7	2.2	2.6
140°	330.6	301.4	219.3	127.9	61.3	19.8	0.9	1.3	1.7	2.2	2.6
141°	306.7	278.2	200.8	118.0	57.5	18.7	0.9	1.3	1.7	2.2	2.5
142°	282.9	255.4	183.2	108.9	54.1	17.5	0.9	1.3	1.7	2.2	2.5
143°	258.8	233.0	166.2	99.7	51.4	16.2	1.0	1.3	1.8	2.2	2.5
144°	235.2	210.1	150.2	92.0	49.3	15.1	1.0	1.4	1.8	2.2	2.5
145°	211.3	187.4	135.0	84.3	47.3	14.2	1.1	1.4	1.8	2.2	2.5
146°	187.5	165.0	120.9	78.0	45.3	13.5	1.1	1.4	1.8	2.1	2.5
147°	164.3	144.1	108.4	73.5	43.2	12.7	1.1	1.4	1.8	2.1	2.5
148°	139.0	124.5	99.7	70.1	41.1	11.9	1.2	1.5	1.8	2.1	2.4
149°	115.2	106.8	91.1	67.4	39.3	11.3	1.2	1.5	1.8	2.1	2.4
150°	99.8	98.9	82.5	64.6	37.6	10.6	1.2	1.5	1.8	2.1	2.4
151°	93.8	91.3	78.4	61.5	35.6	10.0	1.3	1.5	1.8	2.0	2.3
152°	87.9	83.7	74.1	58.2	33.6	9.3	1.3	1.5	1.8	2.0	2.3
153°	82.4	78.7	69.6	54.5	31.5	8.5	1.3	1.5	1.8	2.0	2.2
154°	77.2	73.8	65.1	50.6	29.2	7.5	1.3	1.5	1.8	2.0	2.2
155°	72.2	69.2	60.7	46.8	27.1	6.5	1.4	1.5	1.7	1.9	2.1
156°	67.2	64.5	56.5	43.3	25.1	5.6	1.4	1.6	1.7	1.9	2.1
157°	62.3	59.9	52.4	40.0	23.2	4.8	1.4	1.6	1.7	1.9	2.0
158°	57.4	55.2	48.1	36.9	21.3	4.0	1.5	1.6	1.7	1.9	2.0
159°	53.0	50.8	44.1	33.7	19.2	3.3	1.5	1.6	1.7	1.8	1.9
160°	48.9	46.8	40.6	30.7	17.1	2.4	1.5	1.6	1.7	1.8	1.9
161°	45.1	43.2	37.4	28.0	15.1	1.7	1.5	1.6	1.7	1.8	1.8
162°	41.5	39.9	34.3	25.3	13.2	1.4	1.5	1.6	1.7	1.8	1.8
163°	38.2	36.6	31.2	22.7	11.4	1.4	1.6	1.6	1.7	1.7	1.7
164°	34.7	33.2	28.2	20.2	9.8	1.4	1.6	1.6	1.7	1.7	1.7
165°	31.2	29.9	25.2	17.8	8.3	1.5	1.6	1.6	1.7	1.7	1.7
166°	28.0	26.7	22.4	15.5	6.8	1.5	1.6	1.6	1.7	1.7	1.6
167°	24.7	23.6	19.4	13.1	5.3	1.5	1.6	1.6	1.7	1.7	1.6
168°	21.3	20.3	16.6	10.8	3.9	1.5	1.6	1.6	1.7	1.6	1.6
169°	17.8	16.9	13.7	8.5	2.4	1.5	1.6	1.6	1.6	1.6	1.5
170°	14.3	13.7	10.8	6.3	1.4	1.5	1.6	1.6	1.6	1.6	1.5
171°	10.9	10.3	8.0	4.2	1.4	1.5	1.6	1.6	1.6	1.6	1.5
172°	7.8	7.4	5.3	2.2	1.4	1.5	1.6	1.6	1.6	1.6	1.5
173°	4.7	4.4	2.9	1.3	1.4	1.5	1.6	1.6	1.6	1.6	1.5
174°	2.0	1.8	1.2	1.3	1.4	1.5	1.6	1.6	1.6	1.6	1.5
175°	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.6	1.6	1.6	1.5
176°	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.6	1.6	1.5	1.5
177°	1.1	1.1	1.2	1.3	1.4	1.5	1.6	1.6	1.6	1.5	1.4
178°	1.1	1.1	1.1	1.2	1.3	1.4	1.6	1.6	1.6	1.5	1.4
179°	1.1	1.1	1.1	1.2	1.3	1.4	1.6	1.6	1.6	1.5	1.4



REPORT NUMBER: P1444936
CATALOG NUMBER: CWP125 (50W-3000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
180°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

REPORT NUMBER: P1444936

CATALOG NUMBER: CWP125 (50W-3000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	848.6	848.6	848.6	848.6	848.6	848.6	848.6	848.6	848.6	848.6	848.6
1°	719.0	717.3	731.7	756.4	793.3	824.2	848.2	845.9	857.0	874.2	906.1
2°	557.8	549.0	566.0	606.8	665.7	742.7	828.8	851.8	879.7	952.7	994.5
3°	409.8	402.2	414.6	445.2	545.2	651.7	782.8	843.6	904.6	995.2	1045.0
4°	261.9	255.4	263.2	332.1	411.0	562.2	730.3	841.7	946.4	1018.1	1144.0
5°	115.6	112.2	116.1	219.0	310.6	458.3	675.1	836.9	970.0	1089.9	1180.6
6°	102.5	100.5	102.2	109.0	210.3	383.1	632.3	838.0	988.4	1144.1	1264.0
7°	103.2	102.5	102.8	99.9	113.0	298.0	587.8	832.0	998.2	1168.8	1268.1
8°	103.8	104.4	103.4	101.4	103.0	213.0	529.2	823.8	1004.1	1232.1	1368.8
9°	104.6	106.4	104.2	102.8	97.2	129.8	472.5	813.3	1033.3	1257.4	1395.9
10°	112.7	115.2	112.5	104.4	95.6	109.7	422.3	805.5	1062.9	1254.1	1473.3
11°	121.9	123.0	120.8	111.6	98.8	102.2	379.0	801.8	1098.1	1308.1	1516.6
12°	136.2	140.6	134.5	121.0	102.5	96.8	332.4	779.6	1100.7	1349.4	1585.2
13°	172.5	194.5	170.9	135.4	108.6	93.1	280.3	765.7	1098.6	1348.0	1650.0
14°	227.0	244.3	225.1	160.0	118.1	92.3	228.2	752.0	1100.8	1387.2	1679.9
15°	244.8	248.9	250.8	197.8	130.2	93.5	176.2	735.3	1113.0	1426.0	1742.4
16°	243.0	231.5	241.6	227.1	145.4	96.4	139.0	718.6	1122.2	1422.2	1751.2
17°	229.2	226.1	229.1	237.8	163.5	102.0	115.0	701.7	1126.8	1471.0	1798.7
18°	221.4	216.6	221.8	235.8	180.8	108.8	100.7	691.7	1117.6	1521.9	1806.0
19°	213.7	207.0	214.4	226.2	195.6	117.1	93.3	674.8	1111.7	1512.9	1842.5
20°	205.8	197.4	207.0	216.6	203.3	127.0	88.3	662.1	1110.0	1540.6	1796.9
21°	190.2	177.0	189.6	207.0	206.2	138.0	85.0	647.0	1120.6	1564.7	1787.9
22°	173.9	165.7	173.4	194.1	205.9	148.4	82.5	631.7	1125.0	1555.6	1737.8
23°	162.2	152.8	161.2	181.7	202.6	157.6	81.6	617.1	1127.7	1578.2	1724.3
24°	149.3	139.8	148.6	168.2	197.1	163.3	82.3	604.4	1119.8	1583.4	1687.7
25°	137.5	130.7	137.6	154.9	188.0	168.0	84.1	590.9	1120.0	1570.2	1692.3
26°	126.1	119.9	127.6	142.4	175.2	169.4	87.4	575.6	1128.1	1588.6	1730.9
27°	116.5	110.9	116.3	131.4	164.2	168.8	91.8	560.2	1132.5	1556.9	1791.0
28°	105.2	94.7	106.9	120.0	153.4	168.0	97.6	552.4	1133.1	1521.3	1853.8
29°	94.6	80.9	92.8	109.4	142.9	164.9	104.4	534.7	1138.4	1507.3	1905.0
30°	79.0	71.6	79.0	98.7	133.8	161.5	112.2	523.5	1144.5	1458.7	1940.3
31°	67.6	60.0	66.9	88.6	123.2	157.7	119.5	511.0	1148.1	1455.2	1966.0
32°	57.7	45.6	56.6	76.6	113.1	152.0	126.7	498.6	1150.4	1423.5	1987.3
33°	47.8	38.1	47.2	65.4	102.7	145.5	132.8	485.8	1150.9	1411.9	2008.6
34°	40.6	32.3	38.5	54.8	93.2	139.2	138.2	472.9	1144.1	1417.8	2028.2
35°	31.8	29.7	30.9	45.5	84.4	132.4	142.4	456.7	1136.2	1443.8	2046.9
36°	27.9	25.5	27.5	37.8	76.2	125.6	145.1	440.9	1125.2	1474.1	2065.7
37°	24.0	21.2	23.7	32.4	68.5	118.2	146.3	426.1	1103.3	1509.1	2084.5
38°	20.0	17.0	19.9	27.4	60.2	111.2	146.4	410.8	1083.3	1533.6	2101.7
39°	16.1	10.9	16.0	23.3	52.2	104.5	145.5	391.3	1067.2	1551.4	2120.4
40°	10.9	2.9	9.4	19.3	44.3	97.4	143.3	372.9	1053.8	1556.8	2137.0
41°	3.2	0.6	2.6	15.2	37.8	90.7	139.9	357.9	1022.0	1559.1	2152.9
42°	0.6	0.6	0.6	13.1	32.2	84.1	135.5	341.9	998.7	1561.9	2171.0
43°	0.6	0.7	0.7	8.0	28.1	77.3	130.7	324.2	980.2	1558.8	2185.0
44°	0.7	0.7	0.7	2.2	24.0	70.7	125.4	308.9	955.9	1557.3	2193.3

REPORT NUMBER: P1444936

CATALOG NUMBER: CWP125 (50W-3000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	0.7	0.8	0.7	0.7	20.0	64.1	119.2	296.8	919.6	1555.2	2206.2
46°	0.7	0.8	0.8	0.7	16.0	57.7	112.7	285.5	890.0	1556.5	2210.4
47°	0.8	0.8	0.8	0.7	13.3	50.5	106.4	272.3	857.2	1552.5	2200.8
48°	0.8	0.9	0.8	0.8	11.6	43.6	99.8	260.1	816.7	1546.8	2202.2
49°	0.8	0.9	0.9	0.8	6.1	37.1	93.0	251.3	785.4	1542.1	2199.9
50°	0.9	0.9	0.9	0.8	0.8	31.2	86.6	239.2	758.8	1534.2	2206.1
51°	0.9	1.0	1.0	0.9	0.7	26.1	80.5	228.5	721.5	1520.5	2239.5
52°	1.0	1.0	1.0	0.9	0.7	22.0	74.5	218.1	696.1	1508.2	2260.0
53°	1.0	1.1	1.1	0.9	0.8	17.9	69.0	208.4	680.5	1494.8	2227.1
54°	1.0	1.1	1.1	1.0	0.8	13.8	63.6	198.1	668.6	1484.1	2207.1
55°	1.1	1.2	1.1	1.0	0.8	10.2	58.4	187.8	659.4	1478.9	2211.3
56°	1.1	1.2	1.2	1.0	0.8	7.2	53.5	178.7	653.0	1469.1	2217.5
57°	1.2	1.2	1.2	1.1	0.9	5.4	48.9	168.6	641.1	1443.9	2216.2
58°	1.2	1.3	1.3	1.1	0.9	3.2	44.6	159.4	627.1	1419.8	2228.9
59°	1.3	1.4	1.3	1.2	0.9	0.7	40.5	150.4	610.8	1402.7	2229.1
60°	1.3	1.4	1.4	1.2	1.0	0.7	36.7	141.3	589.8	1386.8	2221.4
61°	1.4	1.5	1.4	1.3	1.0	0.7	33.1	133.0	565.8	1363.5	2223.9
62°	1.4	1.5	1.5	1.3	1.0	0.7	29.6	124.0	539.5	1339.2	2204.1
63°	1.5	1.6	1.6	1.4	1.1	0.7	26.0	116.4	515.9	1324.0	2184.9
64°	1.6	1.7	1.6	1.4	1.1	0.7	22.1	107.8	495.4	1302.6	2155.0
65°	1.6	1.7	1.7	1.5	1.2	0.8	18.1	99.4	474.6	1275.9	2131.6
66°	1.7	1.8	1.7	1.5	1.2	0.8	14.2	91.0	456.9	1245.7	2108.5
67°	1.7	1.8	1.8	1.6	1.2	0.8	10.8	82.5	440.5	1216.4	2080.8
68°	1.8	1.9	1.8	1.6	1.3	0.8	7.7	74.4	421.9	1184.5	2054.9
69°	1.8	1.9	1.9	1.7	1.3	0.9	4.9	67.7	402.9	1156.1	2027.3
70°	1.9	2.0	1.9	1.7	1.3	0.9	2.7	60.3	385.8	1129.5	1995.3
71°	2.0	2.1	2.0	1.8	1.4	0.9	1.4	53.3	369.8	1104.7	1955.3
72°	2.0	2.1	2.1	1.8	1.4	0.9	0.8	47.3	354.9	1079.0	1914.1
73°	2.1	2.2	2.1	1.9	1.5	1.0	0.7	41.3	340.0	1048.8	1865.6
74°	2.1	2.2	2.2	1.9	1.5	1.0	0.6	36.0	325.6	1018.2	1834.1
75°	2.2	2.3	2.2	2.0	1.5	1.0	0.6	31.3	311.5	985.3	1773.0
76°	2.2	2.4	2.3	2.0	1.6	1.0	0.6	27.0	297.9	954.5	1728.0
77°	2.3	2.4	2.3	2.1	1.6	1.1	0.6	22.8	285.4	916.6	1679.8
78°	2.4	2.5	2.4	2.1	1.7	1.1	0.6	19.1	271.0	886.0	1648.7
79°	2.4	2.5	2.4	2.2	1.7	1.1	0.6	15.6	258.1	855.0	1610.4
80°	2.5	2.6	2.5	2.2	1.7	1.1	0.6	12.5	246.8	829.3	1572.5
81°	2.5	2.6	2.5	2.3	1.8	1.1	0.6	10.0	236.1	802.3	1507.8
82°	2.5	2.7	2.6	2.3	1.8	1.2	0.6	7.6	225.3	767.7	1461.7
83°	2.6	2.7	2.6	2.3	1.8	1.2	0.6	5.1	214.4	737.7	1409.3
84°	2.6	2.7	2.6	2.3	1.8	1.2	0.7	3.4	203.6	704.0	1360.4
85°	2.6	2.7	2.7	2.4	1.9	1.2	0.7	2.0	193.7	673.4	1311.0
86°	2.7	2.8	2.7	2.4	1.9	1.2	0.7	1.0	184.4	647.1	1266.1
87°	2.7	2.8	2.8	2.5	1.9	1.3	0.7	0.4	175.1	618.7	1216.7
88°	2.8	2.9	2.8	2.5	2.0	1.3	0.7	0.2	167.6	593.8	1168.1
89°	2.8	2.9	2.8	2.5	2.0	1.3	0.7	0.2	161.9	571.8	1126.9

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CATALOG NUMBER: CWP125 (50W-3000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
90°	2.9	3.0	2.9	2.6	2.0	1.3	0.7	0.2	157.9	553.8	1084.9
91°	2.9	3.0	2.9	2.6	2.1	1.4	0.8	0.2	155.2	541.5	1049.6
92°	2.9	3.1	3.0	2.7	2.1	1.4	0.8	0.2	151.0	530.8	1025.4
93°	3.0	3.1	3.0	2.7	2.1	1.4	0.8	0.2	145.9	517.6	1008.9
94°	3.0	3.1	3.0	2.7	2.1	1.4	0.8	0.2	139.8	502.8	992.3
95°	3.0	3.2	3.1	2.8	2.2	1.5	0.8	0.3	133.9	487.4	975.8
96°	3.1	3.2	3.1	2.8	2.2	1.5	0.9	0.3	127.6	469.1	951.7
97°	3.1	3.2	3.1	2.8	2.2	1.5	0.9	0.3	122.0	451.4	924.9
98°	3.1	3.3	3.2	2.8	2.2	1.5	0.9	0.3	116.5	435.4	900.2
99°	3.2	3.3	3.2	2.9	2.3	1.5	0.9	0.3	111.3	420.3	876.8
100°	3.2	3.3	3.2	2.9	2.3	1.6	0.9	0.3	106.0	405.1	853.2
101°	3.2	3.4	3.3	2.9	2.3	1.6	0.9	0.3	100.6	390.2	829.1
102°	3.2	3.4	3.3	2.9	2.3	1.6	1.0	0.3	96.3	375.7	805.0
103°	3.3	3.4	3.3	3.0	2.3	1.6	1.0	0.3	91.9	361.2	780.8
104°	3.3	3.4	3.3	3.0	2.3	1.6	1.0	0.3	87.6	346.6	755.5
105°	3.3	3.4	3.3	3.0	2.3	1.6	1.0	0.3	83.5	333.1	730.8
106°	3.3	3.4	3.3	3.0	2.3	1.6	1.0	0.3	79.4	320.2	706.4
107°	3.3	3.4	3.3	3.0	2.3	1.6	1.0	0.3	75.5	307.6	682.1
108°	3.3	3.4	3.3	3.0	2.3	1.6	1.0	0.3	71.8	295.3	658.1
109°	3.3	3.4	3.3	3.0	2.3	1.6	1.0	0.3	68.4	282.9	634.3
110°	3.3	3.4	3.3	3.0	2.3	1.7	1.0	0.3	65.3	271.1	610.1
111°	3.3	3.4	3.3	3.0	2.4	1.7	1.1	0.3	62.1	259.2	586.7
112°	3.2	3.4	3.3	3.0	2.3	1.7	1.1	0.3	58.7	247.7	563.3
113°	3.2	3.3	3.3	2.9	2.3	1.7	1.1	0.3	55.3	236.2	540.0
114°	3.1	3.3	3.2	2.9	2.3	1.6	1.1	0.3	52.1	224.8	517.8
115°	3.1	3.3	3.2	2.9	2.3	1.6	1.1	0.3	49.0	214.0	495.4
116°	3.1	3.3	3.2	2.8	2.3	1.6	1.1	0.3	46.2	203.2	473.3
117°	3.1	3.2	3.2	2.8	2.3	1.7	1.1	0.3	43.4	191.8	451.7
118°	3.0	3.2	3.1	2.8	2.3	1.7	1.1	0.3	40.9	181.1	430.4
119°	3.0	3.2	3.1	2.8	2.3	1.7	1.1	0.3	38.7	171.7	410.4
120°	3.0	3.2	3.1	2.8	2.3	1.7	1.1	0.4	36.8	163.3	390.1
121°	3.0	3.2	3.1	2.8	2.3	1.7	1.2	0.4	35.0	155.4	370.6
122°	3.0	3.2	3.1	2.8	2.3	1.7	1.2	0.4	33.4	148.2	351.8
123°	3.0	3.1	3.1	2.8	2.3	1.7	1.2	0.4	32.4	141.7	334.4
124°	3.0	3.1	3.1	2.8	2.3	1.8	1.2	0.4	31.7	136.8	317.8
125°	3.0	3.1	3.1	2.8	2.3	1.8	1.3	0.4	31.0	132.0	301.6
126°	3.0	3.1	3.1	2.8	2.3	1.8	1.3	0.4	30.6	125.5	285.5
127°	3.0	3.1	3.1	2.8	2.4	1.8	1.3	0.4	30.1	118.6	269.5
128°	3.0	3.1	3.1	2.8	2.4	1.9	1.3	0.5	29.2	111.8	254.6
129°	3.0	3.1	3.1	2.8	2.4	1.9	1.4	0.5	28.0	105.4	239.6
130°	2.9	3.1	3.1	2.9	2.4	1.9	1.4	0.5	26.6	99.2	225.5
131°	2.9	3.1	3.1	2.9	2.5	1.9	1.4	0.5	25.2	93.0	212.0
132°	2.9	3.1	3.1	2.9	2.5	2.0	1.4	0.5	23.6	86.9	199.2
133°	2.9	3.1	3.1	2.9	2.5	2.0	1.5	0.5	22.0	81.6	186.6
134°	2.9	3.1	3.1	2.9	2.5	2.0	1.5	0.6	20.4	76.5	174.5

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CATALOG NUMBER: CWP125 (50W-3000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
135°	2.9	3.1	3.1	2.9	2.5	2.0	1.5	0.6	18.9	71.5	162.4
136°	2.9	3.1	3.1	2.9	2.5	2.0	1.5	0.6	17.5	66.6	150.9
137°	2.9	3.1	3.1	2.9	2.5	2.0	1.6	0.6	16.2	62.2	140.7
138°	2.9	3.1	3.1	2.9	2.5	2.1	1.6	0.6	15.1	58.3	130.7
139°	2.9	3.0	3.0	2.9	2.5	2.1	1.6	0.6	14.0	54.6	121.0
140°	2.8	3.0	3.0	2.9	2.5	2.1	1.6	0.7	12.9	51.2	112.0
141°	2.8	3.0	3.0	2.8	2.5	2.1	1.6	0.7	11.8	48.2	103.4
142°	2.8	3.0	3.0	2.8	2.5	2.1	1.7	0.7	10.9	45.8	96.0
143°	2.8	3.0	3.0	2.8	2.5	2.1	1.7	0.7	10.1	43.9	88.6
144°	2.8	2.9	2.9	2.8	2.5	2.1	1.7	0.8	9.4	42.1	81.2
145°	2.8	2.9	2.9	2.8	2.5	2.2	1.8	0.8	8.7	40.2	75.4
146°	2.7	2.9	2.9	2.8	2.5	2.2	1.8	0.8	8.0	38.3	70.8
147°	2.7	2.8	2.9	2.8	2.5	2.2	1.8	0.8	7.4	36.5	67.5
148°	2.7	2.8	2.8	2.7	2.5	2.2	1.9	0.9	6.9	34.6	64.7
149°	2.6	2.8	2.8	2.7	2.5	2.2	1.9	0.9	6.3	32.8	62.0
150°	2.6	2.7	2.8	2.7	2.5	2.2	1.9	0.9	5.8	31.1	59.1
151°	2.5	2.7	2.7	2.6	2.5	2.2	2.0	0.9	5.2	29.3	55.9
152°	2.5	2.6	2.7	2.6	2.5	2.2	2.0	1.0	4.5	27.4	52.6
153°	2.4	2.5	2.6	2.6	2.5	2.2	2.0	1.0	3.8	25.6	49.1
154°	2.3	2.5	2.5	2.5	2.4	2.3	2.0	1.0	3.1	23.9	45.8
155°	2.3	2.4	2.5	2.5	2.4	2.2	2.1	1.1	2.4	22.2	42.6
156°	2.2	2.3	2.4	2.4	2.4	2.2	2.1	1.1	1.6	20.4	39.5
157°	2.2	2.2	2.3	2.4	2.3	2.2	2.1	1.1	1.1	18.6	36.5
158°	2.1	2.2	2.2	2.3	2.3	2.2	2.1	1.2	1.0	16.8	33.6
159°	2.0	2.1	2.2	2.2	2.2	2.2	2.1	1.2	1.1	14.9	30.7
160°	2.0	2.0	2.1	2.1	2.2	2.2	2.1	1.2	1.1	13.1	27.9
161°	1.9	1.9	2.0	2.0	2.1	2.1	2.1	1.2	1.1	11.4	25.2
162°	1.8	1.8	1.9	1.9	2.0	2.0	2.0	1.3	1.1	9.9	22.6
163°	1.8	1.8	1.8	1.9	1.9	2.0	2.0	1.3	1.2	8.4	20.1
164°	1.7	1.7	1.7	1.8	1.9	1.9	2.0	1.3	1.2	6.9	17.6
165°	1.6	1.6	1.6	1.7	1.8	1.9	1.9	1.3	1.2	5.5	15.2
166°	1.6	1.5	1.5	1.6	1.7	1.8	1.9	1.3	1.3	4.1	12.9
167°	1.5	1.5	1.4	1.5	1.6	1.7	1.8	1.4	1.3	2.6	10.6
168°	1.5	1.4	1.4	1.4	1.5	1.7	1.8	1.4	1.3	1.4	8.5
169°	1.4	1.4	1.3	1.4	1.5	1.6	1.7	1.4	1.3	1.2	6.3
170°	1.4	1.3	1.3	1.3	1.4	1.6	1.7	1.4	1.3	1.2	4.3
171°	1.4	1.3	1.3	1.3	1.4	1.6	1.7	1.4	1.4	1.2	2.4
172°	1.4	1.3	1.2	1.3	1.4	1.5	1.7	1.4	1.4	1.3	1.2
173°	1.4	1.3	1.2	1.2	1.3	1.5	1.7	1.5	1.4	1.3	1.2
174°	1.4	1.3	1.2	1.2	1.3	1.5	1.6	1.5	1.4	1.3	1.2
175°	1.4	1.2	1.2	1.2	1.3	1.4	1.6	1.5	1.4	1.3	1.2
176°	1.4	1.2	1.1	1.2	1.2	1.4	1.5	1.5	1.5	1.4	1.3
177°	1.3	1.2	1.1	1.1	1.2	1.3	1.4	1.6	1.5	1.4	1.3
178°	1.3	1.2	1.1	1.1	1.1	1.2	1.4	1.6	1.5	1.4	1.3
179°	1.3	1.2	1.1	1.1	1.1	1.2	1.3	1.6	1.6	1.5	1.4



REPORT NUMBER: P1444936
CATALOG NUMBER: CWP125 (50W-3000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
180°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

REPORT NUMBER: P1444936

CATALOG NUMBER: CWP125 (50W-3000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	848.6	848.6	848.6
1°	935.6	957.7	966.0
2°	1003.5	1025.1	1040.9
3°	1127.7	1155.1	1155.4
4°	1186.3	1253.8	1265.2
5°	1277.4	1285.8	1303.5
6°	1317.5	1401.1	1400.7
7°	1398.8	1466.4	1509.6
8°	1470.4	1548.7	1572.2
9°	1534.8	1669.6	1707.2
10°	1645.7	1730.2	1775.8
11°	1696.1	1804.6	1812.4
12°	1782.2	1863.4	1896.8
13°	1804.0	1909.9	1958.6
14°	1875.6	1977.5	1949.4
15°	1915.8	1933.0	1952.5
16°	1930.5	1903.3	1911.8
17°	1896.8	1891.7	1883.5
18°	1855.7	1867.9	1904.2
19°	1848.3	1899.9	1992.1
20°	1814.1	1989.4	2081.4
21°	1833.9	2079.7	2170.8
22°	1910.5	2170.0	2247.3
23°	1987.8	2233.5	2309.7
24°	2065.1	2297.8	2374.9
25°	2142.4	2358.3	2418.0
26°	2190.7	2395.0	2487.1
27°	2236.4	2461.2	2546.8
28°	2278.7	2520.2	2604.3
29°	2316.2	2563.3	2641.2
30°	2361.1	2607.5	2694.9
31°	2398.3	2652.7	2745.2
32°	2422.6	2695.2	2786.3
33°	2455.6	2743.4	2840.9
34°	2487.3	2785.5	2881.4
35°	2516.9	2818.8	2920.6
36°	2550.1	2852.6	2951.2
37°	2571.8	2900.4	3016.6
38°	2593.1	2937.8	3007.4
39°	2621.7	2948.0	3015.2
40°	2637.3	2979.1	3086.1
41°	2649.3	2993.9	3015.4
42°	2676.5	2973.9	3103.4
43°	2687.9	3021.0	3132.5
44°	2680.3	3027.7	3075.2

REPORT NUMBER: P1444936

CATALOG NUMBER: CWP125 (50W-3000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	2703.6	3068.2	3511.1
46°	2709.6	3331.9	3600.9
47°	2742.5	3404.2	3193.3
48°	2871.0	3143.0	3159.4
49°	2898.0	3084.5	3382.1
50°	2836.1	3234.2	3350.5
51°	2856.1	3258.5	3365.2
52°	2844.1	3257.1	3360.3
53°	2827.1	3263.9	3340.7
54°	2876.7	3267.2	3392.2
55°	2898.7	3294.9	3340.5
56°	2911.5	3240.5	3216.0
57°	2929.4	3141.4	3207.9
58°	2905.5	3117.8	3186.9
59°	2862.9	3081.5	3103.1
60°	2820.5	3013.2	3099.3
61°	2774.2	3013.1	3123.6
62°	2737.7	3018.2	3053.6
63°	2714.9	2958.3	3027.3
64°	2698.3	2940.8	3025.1
65°	2668.0	2925.8	2968.2
66°	2640.1	2856.9	2917.7
67°	2608.1	2810.8	2887.0
68°	2553.4	2761.0	2824.6
69°	2503.7	2719.9	2763.0
70°	2454.1	2649.9	2776.5
71°	2392.7	2695.4	2711.2
72°	2375.0	2531.7	2578.3
73°	2307.3	2487.4	2575.1
74°	2213.8	2471.4	2574.1
75°	2194.0	2457.6	2529.0
76°	2157.2	2408.5	2476.1
77°	2116.7	2342.6	2430.4
78°	2065.4	2331.2	2396.0
79°	2032.4	2240.8	2307.1
80°	1951.2	2208.8	2302.0
81°	1916.8	2134.6	2215.8
82°	1862.1	2085.4	2146.0
83°	1783.0	2019.9	2094.7
84°	1743.8	1958.8	2036.8
85°	1694.1	1917.0	2000.9
86°	1640.3	1860.5	1945.6
87°	1585.3	1801.5	1883.1
88°	1530.8	1753.9	1834.4
89°	1473.6	1687.4	1767.3

REPORT NUMBER: P1444936

CATALOG NUMBER: CWP125 (50W-3000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
90°	1430.2	1643.4	1718.2
91°	1380.2	1592.4	1668.1
92°	1336.7	1536.4	1617.2
93°	1302.7	1497.4	1570.3
94°	1280.3	1459.1	1529.6
95°	1269.2	1432.5	1500.3
96°	1247.1	1425.2	1489.0
97°	1218.0	1401.2	1470.6
98°	1189.4	1368.1	1437.0
99°	1166.3	1340.0	1403.8
100°	1144.6	1319.9	1385.2
101°	1124.4	1299.7	1366.3
102°	1100.7	1282.2	1348.9
103°	1074.8	1257.2	1327.4
104°	1050.6	1231.4	1298.3
105°	1026.2	1206.3	1275.3
106°	1001.1	1180.9	1250.9
107°	976.0	1154.7	1224.1
108°	951.0	1127.5	1196.1
109°	923.2	1099.0	1168.4
110°	896.3	1070.3	1139.4
111°	869.9	1041.8	1110.2
112°	843.4	1015.0	1081.2
113°	817.4	987.9	1051.3
114°	791.1	960.7	1023.1
115°	765.4	933.5	995.7
116°	739.6	905.6	968.3
117°	713.5	877.5	940.9
118°	687.7	849.2	912.0
119°	662.9	821.4	884.1
120°	637.9	793.0	854.8
121°	613.8	765.4	825.8
122°	589.1	738.4	796.3
123°	564.5	711.2	769.2
124°	541.9	684.4	742.0
125°	518.2	658.4	713.1
126°	494.9	632.5	686.1
127°	472.1	606.3	659.8
128°	449.6	580.8	632.3
129°	426.4	555.3	604.5
130°	403.9	529.7	578.2
131°	381.1	504.1	552.1
132°	359.0	479.1	525.7
133°	337.4	454.6	500.6
134°	316.2	430.9	475.9

REPORT NUMBER: P1444936

CATALOG NUMBER: CWP125 (50W-3000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
135°	295.2	407.3	451.5
136°	275.0	383.6	426.6
137°	255.8	360.9	402.9
138°	237.4	338.1	378.5
139°	220.0	315.0	354.7
140°	202.8	291.7	330.6
141°	185.9	268.6	306.7
142°	170.0	245.7	282.9
143°	154.4	223.0	258.8
144°	139.8	200.2	235.2
145°	126.1	178.0	211.3
146°	113.3	157.0	187.5
147°	102.1	137.9	164.3
148°	94.6	119.6	139.0
149°	87.2	103.4	115.2
150°	79.9	96.1	99.8
151°	75.6	88.9	93.8
152°	71.4	81.8	87.9
153°	67.0	76.9	82.4
154°	62.7	72.3	77.2
155°	58.4	67.7	72.2
156°	54.1	63.0	67.2
157°	49.8	58.3	62.3
158°	45.6	53.8	57.4
159°	42.0	49.7	53.0
160°	38.6	45.8	48.9
161°	35.5	42.2	45.1
162°	32.3	38.9	41.5
163°	29.2	35.6	38.2
164°	26.3	32.3	34.7
165°	23.5	29.0	31.2
166°	20.6	25.9	28.0
167°	17.7	22.7	24.7
168°	14.8	19.3	21.3
169°	12.0	16.0	17.8
170°	9.3	12.7	14.3
171°	6.7	9.8	10.9
172°	4.1	6.8	7.8
173°	1.8	3.8	4.7
174°	1.1	1.4	2.0
175°	1.1	1.0	1.0
176°	1.2	1.1	1.0
177°	1.2	1.1	1.1
178°	1.2	1.1	1.1
179°	1.3	1.2	1.1

REPORT NUMBER: P1444936

CATALOG NUMBER: CWP125 (50W-3000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	1.1	1.1	1.1

(END OF REPORT)