

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: P1444938

Luminaire Tested: CWP125 (50W-5000K)

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2024
Report Number: P1444938
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-5000K)
Description: COMPACT WALL PACK, 125W
SET TO 50W, 5000K CCT
Light Source: 3000K/5000K CCT, 80 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7332.2 lumens
Efficiency: N/A
Efficacy: 145.5 lumens/watt
Luminous Opening: Point Source (0m x 0m x 0m)
IES Classification: Type IV - Short
BUG Rating: B0 - U4 - G4

Input Watts (W): 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



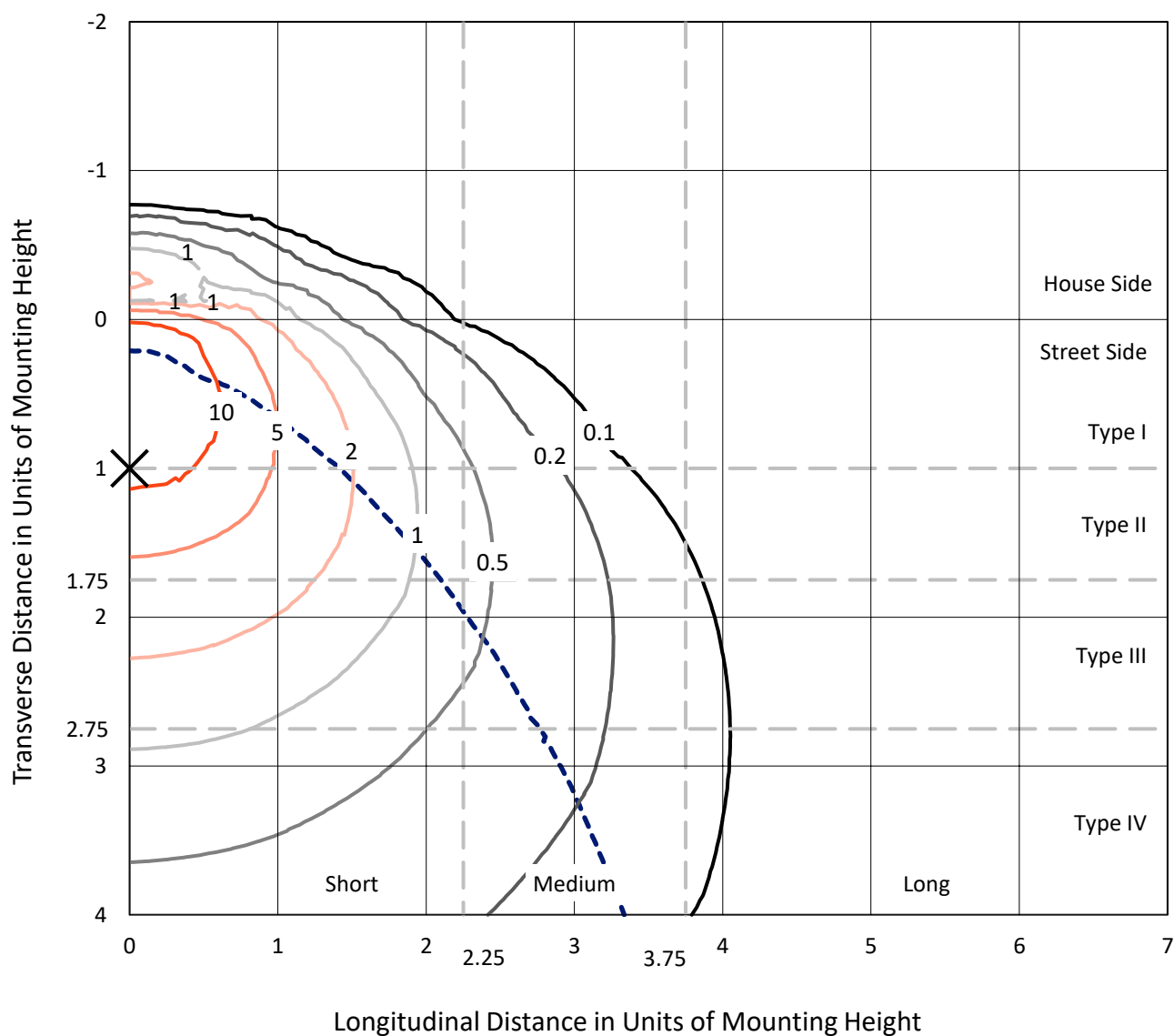
REPORT NUMBER: P1444938

CATALOG NUMBER: CWP125 (50W-5000K)

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



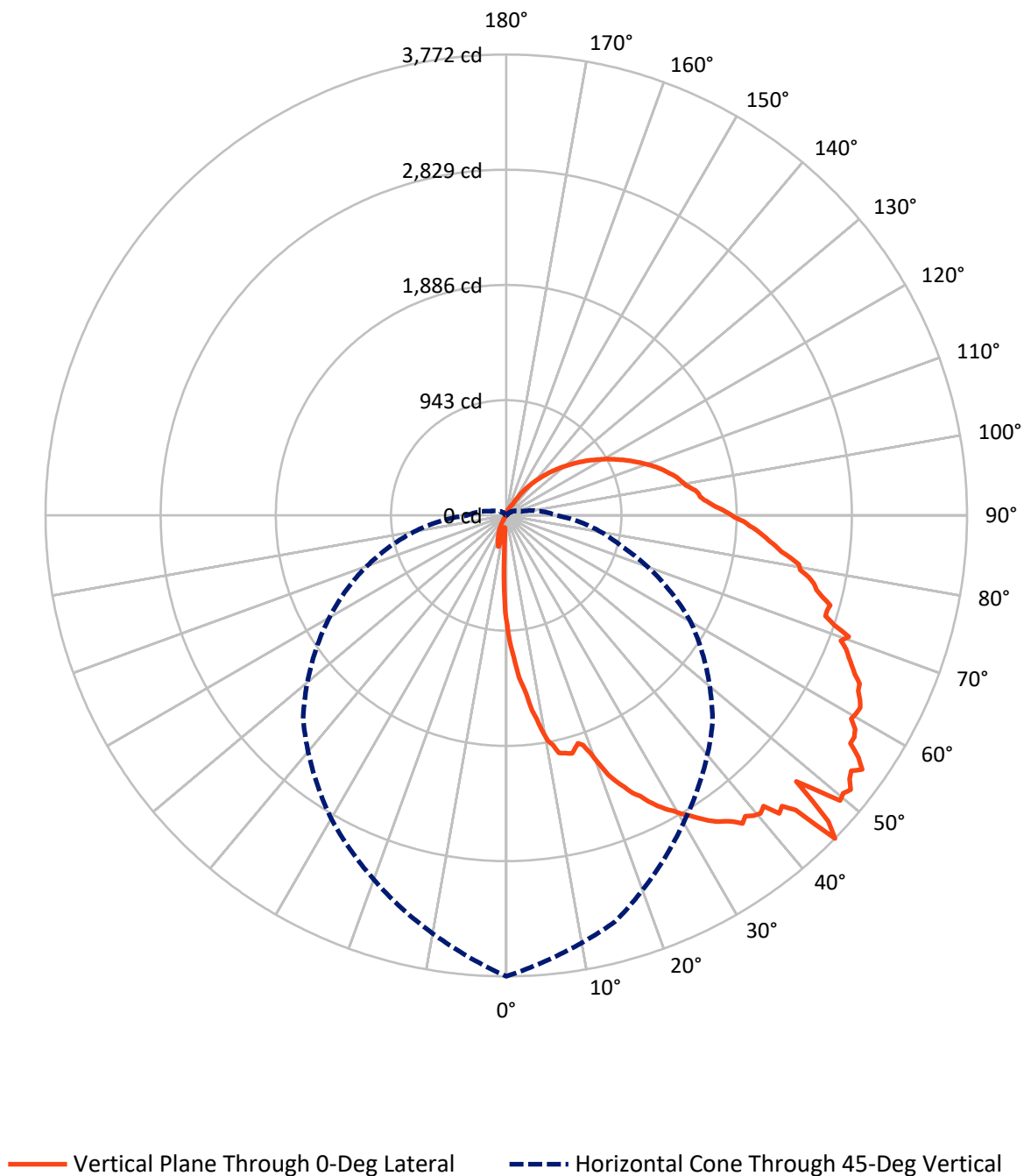
Based on 10 foot mounting height. Maximum calculated value = 19 fc

Type IV - Short - N/A

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Luminous Intensity Polar Plot



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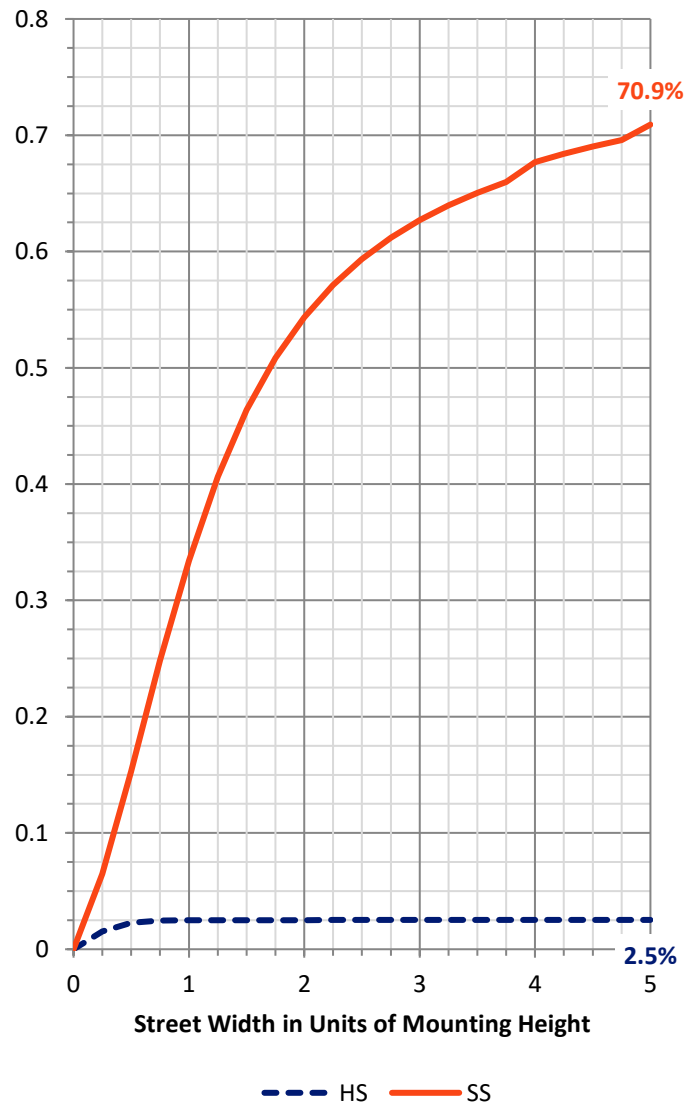
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	187.3	6.9	194.3
	% Fixture	2.6	0.1	2.6
Street Side	Lumens	5695.2	1442.7	7137.9
	% Fixture	77.7	19.7	97.4
Total	Lumens	5882.6	1449.7	7332.2
	% Fixture	80.2	19.8	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	79.6	1.1
10°-20°	266.3	3.6
20°-30°	475.2	6.5
30°-40°	693.8	9.5
40°-50°	875.4	11.9
50°-60°	991.5	13.5
60°-70°	979.5	13.4
70°-80°	855.0	11.7
80°-90°	666.3	9.1
90°-100°	500.3	6.8
100°-110°	385.8	5.3
110°-120°	267.3	3.6
120°-130°	164.4	2.2
130°-140°	85.4	1.2
140°-150°	32.9	0.4
150°-160°	10.6	0.1
160°-170°	2.8	0.0
170°-180°	0.2	0.0
0°-90°	5882.6	80.2
0°-180°	7332.2	100.0

Coefficient of Utilization



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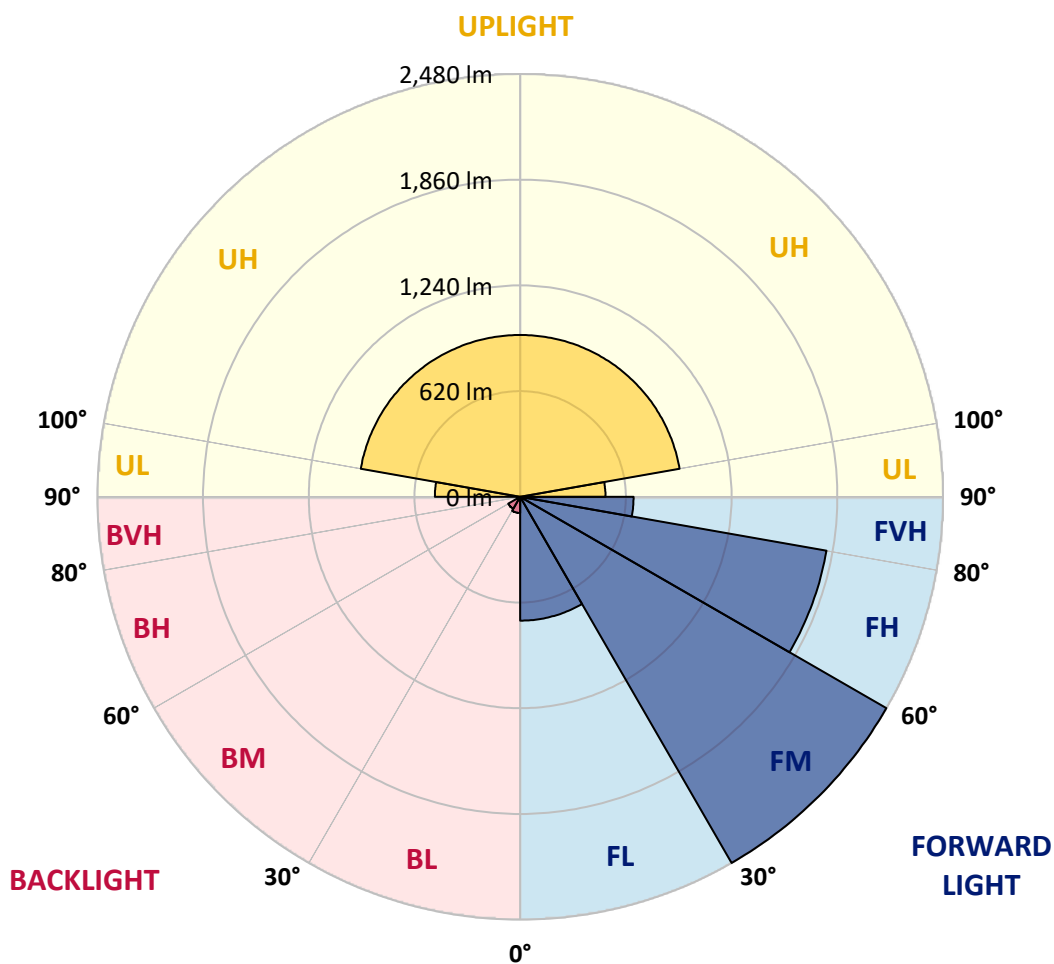
CATALOG NUMBER: CWP125 (50W-5000K)

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	726.2	9.9			
FM	(30°-60°)	2479.8	33.8			
FH	(60°-80°)	1824.1	24.9			G2/5000
FVH	(80°-90°)	665.0	9.1			G4/750
BL	(0°-30°)	94.8	1.3	B0/110		
BM	(30°-60°)	80.9	1.1	B0/220		
BH	(60°-80°)	10.4	0.1	B0/110		G0/110
BVH	(80°-90°)	1.3	0.0			G0/10
UL	(90°-100°)	500.3	6.8		U4/1000	
UH	(100°-180°)	949.3	12.9		U4/1000	

BUG Rating: B0-U4-G4

Type IV Short



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CATALOG NUMBER: CWP125 (50W-5000K)

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	896.8	896.8	896.8	896.8	896.8	896.8	896.8	896.8	896.8	896.8	896.8
1°	1020.9	1023.4	1019.9	1005.3	979.0	940.6	886.5	873.2	853.4	825.1	804.1
2°	1109.7	1108.8	1078.3	1041.4	1018.8	976.6	882.0	841.3	762.0	692.8	645.2
3°	1208.1	1204.1	1189.0	1143.2	1049.3	1008.1	880.9	803.3	672.8	563.0	476.1
4°	1330.3	1327.3	1278.5	1197.4	1131.7	1018.5	881.0	754.5	586.0	432.1	332.6
5°	1397.7	1376.3	1326.1	1297.4	1188.1	1033.9	884.9	711.0	488.0	328.0	165.7
6°	1477.5	1469.7	1440.4	1327.4	1224.1	1064.5	881.4	664.4	405.2	224.0	116.4
7°	1607.9	1582.1	1484.8	1411.6	1295.5	1099.3	874.3	614.9	317.9	120.0	106.3
8°	1679.6	1645.5	1600.1	1464.4	1314.5	1131.9	868.9	566.0	230.5	109.4	102.0
9°	1788.4	1773.2	1663.6	1526.5	1330.5	1152.9	863.7	513.8	143.5	102.9	104.9
10°	1876.1	1841.5	1768.4	1593.4	1396.2	1162.7	859.7	464.6	117.4	100.9	110.0
11°	1916.9	1886.2	1837.5	1646.1	1419.6	1177.6	851.9	415.6	109.3	103.6	117.8
12°	1990.3	1966.1	1877.7	1724.8	1446.4	1198.8	836.4	367.1	102.9	108.2	129.1
13°	2000.9	1984.1	1946.6	1769.6	1501.0	1214.1	827.0	320.7	98.4	114.7	144.2
14°	2010.6	2001.1	1992.8	1817.8	1515.1	1218.2	816.3	274.4	96.8	124.0	171.1
15°	2020.3	2018.1	2042.8	1854.4	1539.8	1209.3	808.9	228.1	97.6	135.9	208.8
16°	1986.4	1974.6	1992.8	1902.4	1601.5	1203.3	795.7	182.0	101.2	152.5	231.6
17°	1955.5	1956.8	1974.7	1927.4	1624.2	1210.2	782.9	148.3	106.0	171.6	247.0
18°	1980.0	1947.7	1945.6	1950.3	1650.7	1231.3	778.7	123.7	113.9	187.6	243.9
19°	2064.7	2000.5	1917.8	1900.8	1673.2	1243.1	764.0	107.2	122.0	200.5	233.7
20°	2171.7	2104.9	1914.2	1885.3	1670.6	1239.7	756.7	97.6	132.2	209.2	223.5
21°	2282.1	2217.7	1982.5	1834.0	1704.0	1240.2	747.7	91.6	143.7	211.7	213.3
22°	2359.6	2304.8	2071.8	1823.6	1710.5	1254.2	738.8	87.6	154.4	213.4	202.6
23°	2425.0	2374.6	2161.6	1787.9	1718.4	1270.0	725.9	85.4	163.5	211.3	189.0
24°	2495.4	2433.1	2228.6	1797.1	1725.7	1274.2	719.3	84.8	170.2	204.6	177.0
25°	2544.5	2490.2	2286.0	1850.2	1691.2	1275.2	705.1	85.8	174.2	193.8	162.7
26°	2616.3	2549.9	2343.0	1914.5	1649.6	1275.2	692.4	88.2	176.2	185.3	150.8
27°	2678.2	2613.1	2391.2	1985.0	1633.8	1289.6	687.0	91.5	176.9	174.2	138.2
28°	2732.7	2671.0	2434.5	2022.4	1592.0	1300.2	671.0	96.6	175.4	162.2	126.4
29°	2778.9	2716.0	2483.4	2059.7	1575.7	1304.0	663.0	102.7	173.5	153.4	115.0
30°	2834.9	2764.8	2527.4	2097.1	1543.5	1302.7	649.8	109.8	169.9	143.4	103.2
31°	2882.0	2814.3	2563.3	2125.2	1529.3	1305.7	642.2	117.1	165.3	132.2	91.9
32°	2937.1	2859.7	2599.6	2150.7	1538.0	1293.7	632.0	124.9	160.1	121.8	80.8
33°	2992.4	2909.4	2636.5	2176.6	1574.0	1286.5	620.3	131.6	155.3	111.4	69.7
34°	3039.2	2957.8	2674.7	2202.3	1607.7	1273.9	604.8	137.1	149.3	101.0	59.0
35°	3074.4	3004.1	2713.1	2224.2	1647.6	1263.6	592.3	141.4	142.2	92.2	49.9
36°	3114.9	3035.0	2747.5	2245.7	1676.6	1246.7	575.7	144.7	134.9	83.1	41.4
37°	3177.7	3087.9	2771.0	2267.4	1697.8	1230.0	558.8	146.9	127.8	74.5	35.0
38°	3144.7	3110.0	2795.9	2293.8	1709.2	1211.6	539.9	148.9	120.4	66.3	29.8
39°	3183.5	3108.3	2822.3	2314.0	1715.9	1196.4	521.2	149.0	113.5	57.7	25.9
40°	3205.5	3140.4	2830.3	2332.2	1722.3	1165.2	500.8	148.4	106.2	50.4	22.2
41°	3177.5	3134.8	2854.4	2348.3	1726.9	1125.9	481.7	146.8	99.2	43.4	18.6
42°	3307.0	3169.1	2863.6	2363.1	1732.7	1087.4	463.4	143.9	92.4	36.7	15.0
43°	3279.7	3215.3	2858.4	2372.3	1738.7	1050.3	443.6	139.7	85.3	31.3	12.3
44°	3381.1	3213.2	2890.9	2386.6	1740.4	1015.2	425.8	135.0	77.9	27.4	5.1

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CATALOG NUMBER: CWP125 (50W-5000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	3771.5	3442.0	2902.5	2389.5	1743.3	977.9	412.4	129.7	70.9	23.4	0.8
46°	3635.0	3625.5	2937.3	2387.8	1740.9	944.1	392.2	123.8	63.9	19.4	0.7
47°	3220.7	3362.5	3080.2	2399.7	1737.3	907.1	377.6	117.6	57.7	15.4	0.7
48°	3395.9	3186.9	3124.9	2399.7	1731.2	885.8	362.5	111.1	51.1	12.9	0.7
49°	3592.1	3365.0	3021.7	2412.0	1721.1	869.8	348.2	104.1	44.1	10.5	0.8
50°	3575.2	3471.8	3008.1	2469.5	1708.6	863.3	334.8	97.2	37.7	4.3	0.8
51°	3603.0	3488.6	3024.8	2481.3	1698.7	862.2	321.9	90.5	32.0	0.7	0.8
52°	3542.4	3497.2	3043.2	2423.2	1687.9	857.8	307.8	84.3	27.0	0.7	0.9
53°	3513.5	3439.2	3112.1	2399.8	1682.8	848.5	292.7	78.4	22.7	0.7	0.9
54°	3578.8	3452.4	3139.3	2424.4	1687.3	834.3	278.4	72.3	18.3	0.7	0.9
55°	3498.3	3463.4	3124.0	2438.9	1678.6	816.9	265.3	66.8	14.0	0.7	1.0
56°	3379.3	3356.2	3133.0	2449.8	1643.9	793.6	252.4	61.7	10.5	0.8	1.0
57°	3378.6	3289.1	3119.5	2449.0	1615.8	772.4	239.2	56.7	7.1	0.8	1.1
58°	3349.3	3286.7	3069.0	2437.2	1605.4	748.3	226.1	51.9	4.8	0.8	1.1
59°	3277.9	3221.2	3017.9	2460.8	1598.9	721.7	212.9	47.3	2.8	0.9	1.2
60°	3290.9	3188.6	2982.4	2457.5	1583.7	696.7	201.8	43.1	0.9	0.9	1.2
61°	3297.9	3222.1	2942.7	2423.3	1566.2	673.9	188.2	39.1	0.6	0.9	1.3
62°	3263.6	3189.0	2920.2	2401.0	1547.2	651.1	176.0	35.3	0.6	1.0	1.3
63°	3218.6	3136.8	2908.4	2376.9	1532.6	633.4	164.8	31.8	0.7	1.0	1.4
64°	3204.4	3119.7	2889.6	2341.8	1503.3	613.0	153.1	28.3	0.7	1.1	1.4
65°	3137.0	3082.2	2850.2	2319.3	1473.7	590.9	143.0	24.5	0.7	1.1	1.5
66°	3084.1	3012.6	2821.3	2300.5	1443.9	569.4	132.9	20.6	0.7	1.2	1.5
67°	3034.8	2976.2	2771.8	2274.6	1415.1	548.1	122.6	16.8	0.7	1.2	1.6
68°	2992.0	2907.8	2711.1	2248.7	1387.9	526.4	113.9	13.2	0.8	1.2	1.6
69°	2923.9	2864.3	2651.9	2213.4	1363.7	504.9	104.4	9.9	0.8	1.3	1.7
70°	2973.1	2849.9	2600.5	2169.7	1336.6	486.1	95.6	6.9	0.8	1.3	1.7
71°	2834.0	2821.5	2563.2	2120.6	1308.4	468.0	86.8	4.3	0.9	1.4	1.8
72°	2741.0	2638.6	2553.0	2069.3	1275.8	451.3	78.0	2.2	0.9	1.4	1.9
73°	2739.5	2651.9	2397.0	2039.5	1238.9	434.3	69.7	1.2	0.9	1.5	1.9
74°	2752.1	2652.6	2384.1	1980.7	1202.2	418.2	62.1	0.9	0.9	1.5	2.0
75°	2675.2	2604.3	2359.4	1923.4	1171.6	401.1	54.3	0.7	1.0	1.5	2.0
76°	2611.3	2539.0	2321.1	1877.6	1126.6	383.4	47.3	0.6	1.0	1.6	2.1
77°	2580.7	2484.6	2257.3	1843.6	1088.7	367.4	40.8	0.6	1.0	1.6	2.1
78°	2525.9	2451.2	2207.9	1798.9	1058.5	348.4	34.3	0.6	1.1	1.7	2.2
79°	2448.6	2361.5	2155.8	1753.8	1021.1	334.8	28.9	0.6	1.1	1.7	2.2
80°	2427.6	2353.4	2104.1	1699.6	991.2	320.3	24.1	0.6	1.1	1.8	2.3
81°	2354.3	2261.9	2028.5	1658.0	951.4	306.4	19.4	0.6	1.2	1.8	2.3
82°	2269.7	2193.6	1990.2	1586.3	920.2	293.0	14.7	0.6	1.2	1.8	2.4
83°	2221.5	2139.5	1907.2	1534.0	877.8	278.0	11.3	0.6	1.2	1.9	2.4
84°	2162.0	2079.5	1858.8	1484.1	839.6	265.2	8.5	0.6	1.2	1.9	2.4
85°	2111.2	2029.2	1805.7	1431.0	803.9	253.0	6.4	0.6	1.3	1.9	2.5
86°	2059.3	1975.8	1755.6	1383.9	771.7	241.6	4.6	0.7	1.3	2.0	2.5
87°	1995.6	1914.1	1701.7	1334.9	738.4	230.7	3.3	0.7	1.3	2.0	2.5
88°	1946.2	1863.3	1646.0	1282.5	709.5	221.5	2.3	0.7	1.3	2.0	2.6
89°	1870.2	1792.7	1587.6	1239.6	684.6	215.1	1.7	0.7	1.4	2.1	2.6

REPORT NUMBER: P1444938

CATALOG NUMBER: CWP125 (50W-5000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	1821.6	1746.0	1538.3	1195.3	663.5	211.0	1.3	0.7	1.4	2.1	2.7
91°	1769.8	1696.8	1488.8	1156.1	648.0	207.9	1.1	0.8	1.4	2.1	2.7
92°	1710.8	1635.1	1441.1	1128.3	634.9	203.1	0.9	0.8	1.5	2.2	2.8
93°	1667.3	1596.3	1404.8	1110.5	618.2	196.2	0.8	0.8	1.5	2.2	2.8
94°	1624.3	1554.4	1380.1	1095.5	600.3	188.1	0.7	0.8	1.5	2.2	2.8
95°	1594.4	1528.9	1367.9	1071.7	581.4	180.7	0.6	0.8	1.5	2.3	2.9
96°	1583.8	1522.5	1344.9	1045.5	561.2	173.1	0.6	0.8	1.6	2.3	2.9
97°	1562.4	1496.1	1314.9	1019.6	540.6	165.8	0.5	0.9	1.6	2.3	2.9
98°	1525.2	1460.7	1286.6	996.0	522.2	158.6	0.5	0.9	1.6	2.3	3.0
99°	1491.5	1430.5	1263.0	972.4	504.2	151.4	0.5	0.9	1.6	2.4	3.0
100°	1471.3	1410.7	1242.0	948.9	486.1	144.7	0.4	0.9	1.7	2.4	3.0
101°	1450.6	1390.6	1219.2	922.7	468.5	138.4	0.4	0.9	1.7	2.4	3.0
102°	1432.3	1372.5	1193.1	897.7	451.3	132.2	0.4	1.0	1.7	2.4	3.0
103°	1408.2	1344.6	1167.0	872.1	434.9	126.3	0.4	1.0	1.7	2.4	3.1
104°	1378.5	1316.0	1141.0	845.2	418.6	120.5	0.4	1.0	1.7	2.4	3.1
105°	1353.9	1291.1	1114.8	818.5	402.5	115.2	0.4	1.0	1.7	2.4	3.1
106°	1327.8	1264.6	1087.7	792.0	387.4	110.3	0.4	1.0	1.7	2.4	3.1
107°	1299.9	1237.0	1058.8	766.7	373.2	105.1	0.4	1.0	1.7	2.4	3.1
108°	1270.3	1206.7	1028.8	740.5	358.8	100.3	0.4	1.0	1.7	2.4	3.0
109°	1239.6	1177.1	1001.9	714.8	344.7	95.5	0.4	1.0	1.7	2.4	3.0
110°	1207.9	1146.5	975.0	689.3	330.1	90.7	0.5	1.0	1.7	2.4	3.0
111°	1177.4	1115.6	948.1	664.5	315.8	86.4	0.5	1.0	1.7	2.4	3.0
112°	1145.7	1085.1	920.0	639.7	302.1	82.1	0.5	1.0	1.7	2.4	3.0
113°	1115.1	1054.8	891.9	615.2	288.4	77.8	0.5	1.0	1.7	2.4	3.0
114°	1084.9	1025.8	863.8	590.3	275.1	73.8	0.5	1.0	1.7	2.3	2.9
115°	1054.1	996.6	836.5	566.2	262.2	70.1	0.5	1.0	1.7	2.3	2.9
116°	1023.2	967.9	809.3	543.6	249.0	66.9	0.5	1.0	1.7	2.3	2.9
117°	994.2	939.2	781.6	520.6	235.8	63.4	0.5	1.0	1.7	2.3	2.8
118°	965.3	910.5	753.4	497.4	223.2	59.5	0.5	1.0	1.7	2.3	2.8
119°	936.3	880.7	726.5	474.8	212.1	56.1	0.5	1.1	1.7	2.3	2.8
120°	905.3	850.8	701.0	453.1	202.0	53.2	0.5	1.1	1.7	2.3	2.8
121°	874.1	821.3	674.7	431.7	191.9	50.6	0.5	1.1	1.7	2.2	2.8
122°	843.6	792.5	648.2	410.6	181.8	48.0	0.6	1.1	1.7	2.2	2.8
123°	814.5	764.5	622.4	390.5	172.7	45.9	0.6	1.1	1.7	2.2	2.7
124°	785.2	735.8	597.4	371.6	164.7	44.6	0.6	1.1	1.7	2.2	2.7
125°	755.2	707.2	572.9	353.7	158.2	44.4	0.6	1.1	1.7	2.2	2.8
126°	726.4	679.9	547.7	335.3	153.1	44.0	0.6	1.1	1.7	2.2	2.7
127°	698.2	652.1	523.0	316.5	146.2	43.2	0.6	1.1	1.7	2.2	2.7
128°	669.0	624.5	498.7	298.8	137.5	42.2	0.6	1.1	1.7	2.3	2.7
129°	640.1	597.3	474.1	281.8	129.0	40.6	0.7	1.1	1.7	2.3	2.7
130°	612.4	570.4	449.6	265.9	120.9	38.5	0.7	1.2	1.7	2.3	2.7
131°	584.5	543.5	425.2	250.2	113.6	36.3	0.7	1.2	1.7	2.3	2.7
132°	556.4	517.3	401.3	234.6	107.0	34.3	0.7	1.2	1.7	2.3	2.7
133°	529.2	490.8	378.2	219.9	101.7	32.4	0.7	1.2	1.8	2.3	2.7
134°	503.6	465.5	355.7	205.2	95.4	30.4	0.8	1.2	1.8	2.3	2.7

REPORT NUMBER: P1444938

CATALOG NUMBER: CWP125 (50W-5000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
135°	477.5	440.4	333.6	191.2	89.2	28.5	0.8	1.3	1.8	2.3	2.7
136°	451.0	415.4	311.5	178.2	83.4	26.6	0.8	1.3	1.8	2.3	2.7
137°	425.5	391.0	290.4	166.4	77.9	25.0	0.9	1.3	1.8	2.3	2.7
138°	400.1	366.7	269.8	155.2	73.0	23.6	0.9	1.3	1.8	2.3	2.7
139°	375.0	342.2	249.9	144.6	68.5	22.1	0.9	1.3	1.8	2.3	2.7
140°	349.2	317.4	230.5	134.3	64.5	20.9	0.9	1.4	1.8	2.3	2.7
141°	323.7	293.3	211.1	123.9	60.6	19.8	1.0	1.4	1.8	2.3	2.7
142°	298.8	269.0	192.4	114.3	57.0	18.4	1.0	1.4	1.9	2.3	2.7
143°	273.5	244.8	174.4	105.3	54.2	17.1	1.0	1.4	1.9	2.3	2.7
144°	248.1	220.4	157.7	97.6	52.0	15.9	1.1	1.5	1.9	2.3	2.7
145°	222.9	196.6	141.9	89.8	49.9	15.0	1.1	1.5	1.9	2.3	2.6
146°	197.7	173.4	127.1	82.1	47.7	14.2	1.2	1.5	1.9	2.3	2.6
147°	172.8	151.7	113.9	77.5	45.6	13.4	1.2	1.5	1.9	2.3	2.6
148°	146.2	130.7	102.5	74.1	43.5	12.6	1.2	1.5	1.9	2.2	2.6
149°	121.0	112.8	95.9	71.3	41.6	11.9	1.3	1.6	1.9	2.2	2.5
150°	104.2	101.0	89.5	68.3	39.7	11.3	1.3	1.6	1.9	2.2	2.5
151°	98.5	94.8	83.0	65.1	37.6	10.6	1.3	1.6	1.9	2.2	2.5
152°	93.0	88.8	78.5	61.7	35.5	9.9	1.4	1.6	1.9	2.1	2.4
153°	87.6	83.6	73.7	57.7	33.2	9.0	1.4	1.6	1.9	2.1	2.4
154°	82.1	78.5	69.1	53.6	30.9	8.0	1.4	1.6	1.9	2.1	2.3
155°	76.8	73.5	64.4	49.6	28.7	6.9	1.5	1.6	1.8	2.0	2.2
156°	71.6	68.7	60.1	45.8	26.6	5.9	1.5	1.6	1.8	2.0	2.2
157°	66.3	63.7	55.6	42.4	24.6	5.1	1.5	1.6	1.8	2.0	2.1
158°	61.2	58.8	51.1	39.1	22.6	4.3	1.5	1.7	1.8	2.0	2.1
159°	56.4	54.1	46.9	35.7	20.3	3.4	1.6	1.7	1.8	1.9	2.0
160°	52.0	49.8	43.1	32.6	18.1	2.5	1.6	1.7	1.8	1.9	2.0
161°	47.9	45.9	39.7	29.7	16.0	1.8	1.6	1.7	1.8	1.9	1.9
162°	44.1	42.3	36.5	26.9	13.9	1.5	1.6	1.7	1.8	1.9	1.9
163°	40.5	38.8	33.1	24.1	12.0	1.5	1.6	1.7	1.8	1.8	1.8
164°	36.9	35.2	29.9	21.5	10.4	1.5	1.7	1.7	1.8	1.8	1.8
165°	33.1	31.6	26.8	18.9	8.8	1.5	1.7	1.7	1.8	1.8	1.8
166°	29.6	28.4	23.8	16.4	7.1	1.6	1.7	1.7	1.8	1.8	1.7
167°	26.2	25.0	20.7	13.9	5.6	1.6	1.7	1.7	1.7	1.7	1.7
168°	22.5	21.5	17.5	11.4	4.1	1.6	1.7	1.7	1.7	1.7	1.7
169°	18.8	17.9	14.4	9.1	2.5	1.6	1.7	1.7	1.7	1.7	1.6
170°	15.1	14.4	11.4	6.7	1.5	1.6	1.7	1.7	1.7	1.7	1.6
171°	11.5	10.9	8.6	4.4	1.4	1.5	1.7	1.7	1.7	1.7	1.6
172°	8.3	7.7	5.8	2.2	1.4	1.5	1.7	1.7	1.7	1.7	1.6
173°	5.1	4.6	3.0	1.3	1.4	1.5	1.7	1.7	1.7	1.7	1.6
174°	2.0	1.8	1.3	1.3	1.5	1.6	1.7	1.7	1.7	1.6	1.6
175°	1.1	1.1	1.2	1.4	1.5	1.6	1.7	1.7	1.7	1.6	1.5
176°	1.1	1.1	1.2	1.4	1.5	1.6	1.7	1.7	1.7	1.6	1.5
177°	1.1	1.2	1.2	1.3	1.4	1.5	1.7	1.7	1.7	1.6	1.5
178°	1.2	1.2	1.2	1.3	1.4	1.5	1.7	1.7	1.7	1.6	1.5
179°	1.2	1.1	1.2	1.3	1.4	1.4	1.7	1.7	1.6	1.6	1.5



REPORT NUMBER: P1444938
CATALOG NUMBER: CWP125 (50W-5000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
180°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2

REPORT NUMBER: P1444938

CATALOG NUMBER: CWP125 (50W-5000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	896.8	896.8	896.8	896.8	896.8	896.8	896.8	896.8	896.8	896.8	896.8
1°	792.9	794.2	805.6	826.9	852.7	870.6	882.0	880.8	895.4	929.7	969.0
2°	616.1	609.4	625.1	663.0	721.5	802.5	868.2	877.6	919.7	1001.5	1024.9
3°	428.8	419.1	435.4	492.4	592.4	700.0	836.0	875.6	957.0	1021.0	1092.3
4°	260.0	237.2	269.9	349.2	449.6	614.9	786.7	881.6	999.6	1062.9	1182.6
5°	125.3	121.1	127.0	175.4	339.5	512.7	735.1	873.2	1013.2	1152.6	1243.6
6°	108.8	107.0	108.8	116.7	229.3	416.2	683.9	874.7	1024.1	1186.2	1329.5
7°	102.1	101.7	101.9	106.0	121.5	325.5	631.4	865.2	1028.7	1220.4	1348.6
8°	104.2	105.5	104.0	101.7	109.5	234.9	579.0	864.8	1050.5	1291.5	1446.9
9°	110.0	112.0	110.0	104.5	102.9	144.7	523.3	861.7	1094.6	1309.7	1465.1
10°	118.6	121.4	118.6	110.2	101.0	118.0	464.0	848.0	1118.7	1331.3	1566.9
11°	128.3	130.7	128.0	118.1	104.3	109.2	416.4	836.6	1139.0	1392.4	1596.6
12°	145.2	151.8	143.0	129.0	108.9	103.1	364.9	827.9	1142.9	1416.5	1692.5
13°	185.2	211.8	184.3	144.3	115.8	99.5	311.7	819.8	1151.8	1422.1	1740.2
14°	241.5	262.1	240.0	171.5	126.6	98.6	261.1	799.4	1164.1	1486.6	1787.4
15°	261.1	263.6	265.9	212.4	140.6	100.1	210.5	785.2	1178.6	1520.3	1817.7
16°	258.0	245.1	254.4	242.1	156.7	104.0	160.5	771.5	1186.5	1516.7	1849.0
17°	241.2	235.0	240.5	253.2	177.6	109.6	130.9	753.3	1190.0	1575.2	1894.1
18°	235.2	225.6	235.8	250.0	195.9	116.9	111.7	741.5	1181.8	1607.0	1926.6
19°	223.0	216.1	223.5	239.0	210.8	127.1	101.6	725.7	1177.5	1614.4	1950.9
20°	210.9	206.4	211.1	227.7	219.7	138.3	95.7	713.5	1181.3	1655.0	1889.8
21°	198.8	186.2	198.8	216.3	221.8	150.5	92.1	694.7	1200.9	1659.3	1879.1
22°	182.3	174.0	182.3	204.8	220.6	162.3	89.7	683.3	1204.4	1652.4	1821.3
23°	170.8	162.5	171.0	191.2	217.5	170.9	88.8	668.4	1203.3	1689.9	1815.4
24°	157.7	148.5	157.8	178.6	209.9	177.3	89.3	648.4	1199.2	1689.3	1776.9
25°	144.9	137.7	146.3	165.0	199.5	181.3	91.7	635.6	1202.7	1685.6	1786.6
26°	133.2	125.2	134.8	152.6	187.3	183.4	95.7	625.5	1211.4	1696.9	1835.2
27°	122.0	117.2	122.9	140.2	176.0	183.0	100.3	609.4	1218.2	1648.4	1902.9
28°	111.4	101.4	113.7	128.2	164.5	181.1	106.3	595.8	1220.0	1618.0	1971.8
29°	99.7	86.3	98.8	117.0	153.3	178.0	114.0	581.4	1221.0	1590.2	2024.4
30°	84.8	76.0	84.1	105.5	143.1	173.8	122.3	571.5	1224.7	1555.3	2049.9
31°	70.9	63.4	70.8	94.9	131.9	169.4	130.7	556.1	1237.5	1546.9	2074.8
32°	60.7	48.2	59.8	82.2	121.3	163.5	138.1	546.8	1236.0	1506.9	2099.7
33°	50.3	41.1	49.9	70.0	110.5	156.8	145.0	531.6	1231.0	1500.1	2121.9
34°	42.6	34.4	41.1	58.5	100.5	150.3	150.6	517.0	1232.4	1514.1	2144.0
35°	33.6	31.7	32.8	49.2	90.9	143.2	154.6	500.9	1227.8	1547.8	2168.9
36°	29.7	27.2	29.3	40.8	82.3	135.4	157.6	484.5	1206.5	1579.2	2194.2
37°	25.5	22.7	25.2	35.0	74.0	128.1	159.4	467.1	1184.6	1614.0	2218.5
38°	21.3	18.1	21.2	29.6	65.2	120.3	159.5	445.7	1172.4	1643.2	2240.7
39°	17.1	12.6	17.1	25.2	56.6	113.1	158.3	426.9	1155.3	1660.3	2259.5
40°	12.4	3.4	10.8	20.9	48.1	105.8	155.7	409.4	1128.6	1666.2	2278.2
41°	3.7	0.7	3.0	16.5	41.0	98.7	152.0	386.8	1103.3	1671.1	2299.4
42°	0.7	0.7	0.7	14.2	34.9	91.3	147.5	368.6	1083.7	1673.8	2321.7
43°	0.7	0.7	0.7	9.2	30.4	83.8	142.7	352.1	1054.9	1673.3	2331.2
44°	0.7	0.8	0.7	2.7	26.0	76.4	136.4	337.7	1023.3	1671.2	2339.8

REPORT NUMBER: P1444938

CATALOG NUMBER: CWP125 (50W-5000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	0.7	0.8	0.8	0.7	22.1	69.4	129.7	320.0	986.1	1671.8	2351.5
46°	0.8	0.8	0.8	0.7	18.2	62.7	122.7	306.8	953.6	1669.6	2349.9
47°	0.8	0.9	0.9	0.8	14.3	55.2	115.3	295.2	912.3	1663.8	2347.8
48°	0.9	0.9	0.9	0.8	12.6	47.5	107.8	281.2	874.4	1657.0	2352.1
49°	0.9	1.0	0.9	0.8	7.0	40.6	100.6	269.6	841.0	1651.9	2357.3
50°	0.9	1.0	1.0	0.9	1.0	34.0	93.9	257.2	806.9	1643.4	2370.9
51°	1.0	1.0	1.0	0.9	0.7	28.5	87.1	248.1	769.6	1629.1	2406.2
52°	1.0	1.1	1.1	1.0	0.8	24.0	81.0	235.2	746.2	1616.4	2396.9
53°	1.1	1.1	1.1	1.0	0.8	19.6	75.0	223.8	731.3	1605.6	2359.9
54°	1.1	1.2	1.2	1.0	0.8	15.1	68.9	214.4	720.5	1596.9	2350.9
55°	1.2	1.2	1.2	1.1	0.8	11.2	63.4	202.5	711.7	1588.4	2367.0
56°	1.2	1.3	1.2	1.1	0.9	8.0	58.3	192.3	704.3	1571.3	2378.3
57°	1.2	1.3	1.3	1.1	0.9	5.9	53.3	182.5	691.7	1543.9	2377.8
58°	1.3	1.4	1.3	1.2	0.9	3.6	48.5	171.4	676.5	1519.4	2385.5
59°	1.4	1.4	1.4	1.2	1.0	0.8	44.2	161.6	658.2	1504.2	2373.0
60°	1.4	1.5	1.4	1.3	1.0	0.7	40.0	152.8	634.3	1489.9	2374.0
61°	1.5	1.6	1.5	1.3	1.0	0.7	36.1	142.8	607.5	1464.0	2375.1
62°	1.5	1.6	1.6	1.4	1.1	0.7	32.4	134.5	579.5	1442.2	2350.5
63°	1.6	1.7	1.6	1.4	1.1	0.8	28.5	125.4	555.8	1422.5	2327.0
64°	1.7	1.8	1.7	1.5	1.2	0.8	24.2	115.6	533.6	1398.7	2300.7
65°	1.7	1.8	1.8	1.5	1.2	0.8	19.9	106.9	512.1	1366.2	2280.2
66°	1.8	1.9	1.8	1.6	1.2	0.8	15.6	98.5	493.0	1334.0	2252.8
67°	1.8	1.9	1.9	1.6	1.3	0.8	11.9	90.1	475.0	1302.6	2228.5
68°	1.9	2.0	1.9	1.7	1.3	0.9	8.5	81.7	455.4	1271.6	2202.0
69°	2.0	2.1	2.0	1.8	1.4	0.9	5.5	73.4	434.5	1243.0	2170.8
70°	2.0	2.1	2.1	1.8	1.4	0.9	3.0	65.9	415.8	1215.3	2129.5
71°	2.1	2.2	2.1	1.9	1.4	0.9	1.5	58.8	398.9	1187.3	2087.1
72°	2.1	2.2	2.2	1.9	1.5	1.0	0.9	52.0	382.6	1157.2	2038.0
73°	2.2	2.3	2.2	2.0	1.5	1.0	0.8	45.9	366.9	1122.4	1996.0
74°	2.3	2.4	2.3	2.0	1.6	1.0	0.7	39.9	351.6	1089.9	1955.6
75°	2.3	2.4	2.4	2.1	1.6	1.0	0.6	35.1	336.4	1056.6	1891.1
76°	2.4	2.5	2.4	2.1	1.6	1.1	0.6	30.2	321.2	1021.4	1846.9
77°	2.4	2.6	2.5	2.2	1.7	1.1	0.6	25.5	307.1	982.6	1799.9
78°	2.5	2.6	2.5	2.2	1.7	1.1	0.6	21.5	292.1	950.9	1760.8
79°	2.6	2.7	2.6	2.3	1.8	1.2	0.6	17.6	279.0	918.5	1716.4
80°	2.6	2.7	2.6	2.3	1.8	1.2	0.6	14.2	266.3	890.3	1670.6
81°	2.7	2.8	2.7	2.4	1.8	1.2	0.6	11.0	255.0	857.6	1608.4
82°	2.7	2.8	2.7	2.4	1.9	1.2	0.7	8.4	242.8	824.1	1560.8
83°	2.7	2.9	2.8	2.4	1.9	1.2	0.7	5.8	231.6	791.1	1500.7
84°	2.8	2.9	2.8	2.5	1.9	1.3	0.7	3.8	220.0	756.9	1450.4
85°	2.8	2.9	2.8	2.5	1.9	1.3	0.7	2.2	209.8	725.4	1398.2
86°	2.8	2.9	2.9	2.5	2.0	1.3	0.7	1.1	199.9	697.0	1352.1
87°	2.9	3.0	2.9	2.6	2.0	1.3	0.7	0.4	190.5	666.9	1301.4
88°	2.9	3.1	3.0	2.6	2.1	1.4	0.7	0.2	182.9	642.5	1251.7
89°	3.0	3.1	3.0	2.7	2.1	1.4	0.8	0.2	177.0	620.0	1209.5

REPORT NUMBER: P1444938

CATALOG NUMBER: CWP125 (50W-5000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
90°	3.0	3.1	3.1	2.7	2.1	1.4	0.8	0.2	172.8	602.1	1167.2
91°	3.1	3.2	3.1	2.8	2.2	1.4	0.8	0.2	169.9	588.8	1129.9
92°	3.1	3.2	3.1	2.8	2.2	1.5	0.8	0.2	165.2	577.1	1104.4
93°	3.2	3.3	3.2	2.8	2.2	1.5	0.8	0.3	159.5	562.4	1086.2
94°	3.2	3.3	3.2	2.9	2.2	1.5	0.9	0.3	152.8	546.2	1071.5
95°	3.2	3.3	3.2	2.9	2.3	1.5	0.9	0.3	146.3	529.6	1046.7
96°	3.3	3.4	3.3	2.9	2.3	1.5	0.9	0.3	139.5	509.9	1021.6
97°	3.3	3.4	3.3	3.0	2.3	1.6	0.9	0.3	133.3	490.9	996.4
98°	3.3	3.5	3.4	3.0	2.3	1.6	0.9	0.3	127.4	473.2	971.1
99°	3.4	3.5	3.4	3.0	2.4	1.6	0.9	0.3	121.4	456.8	945.8
100°	3.4	3.5	3.4	3.1	2.4	1.6	1.0	0.3	115.8	440.0	919.7
101°	3.4	3.5	3.4	3.1	2.4	1.6	1.0	0.3	110.4	423.5	893.2
102°	3.4	3.6	3.5	3.1	2.4	1.7	1.0	0.3	105.3	407.9	867.7
103°	3.5	3.6	3.5	3.1	2.4	1.7	1.0	0.3	100.5	391.8	841.0
104°	3.5	3.6	3.5	3.1	2.5	1.7	1.0	0.3	95.8	376.1	813.7
105°	3.5	3.6	3.5	3.1	2.5	1.7	1.0	0.3	91.0	361.1	786.3
106°	3.5	3.6	3.5	3.1	2.5	1.7	1.1	0.3	86.7	347.0	759.7
107°	3.5	3.6	3.5	3.1	2.5	1.7	1.1	0.3	82.4	333.3	733.7
108°	3.5	3.6	3.5	3.1	2.5	1.7	1.1	0.3	78.3	319.8	707.3
109°	3.5	3.6	3.5	3.1	2.5	1.7	1.1	0.3	74.6	306.6	681.0
110°	3.5	3.6	3.5	3.1	2.5	1.7	1.1	0.3	71.1	293.3	655.3
111°	3.5	3.6	3.5	3.1	2.5	1.7	1.1	0.3	67.6	280.5	630.1
112°	3.4	3.6	3.5	3.1	2.5	1.7	1.1	0.3	63.9	268.0	604.9
113°	3.4	3.5	3.4	3.1	2.4	1.7	1.1	0.3	60.3	255.5	579.8
114°	3.3	3.5	3.4	3.0	2.4	1.7	1.1	0.3	56.8	243.1	555.1
115°	3.3	3.5	3.4	3.0	2.4	1.7	1.1	0.3	53.4	231.5	531.2
116°	3.3	3.4	3.3	3.0	2.4	1.7	1.1	0.3	50.2	219.7	507.8
117°	3.3	3.4	3.3	3.0	2.4	1.7	1.2	0.3	47.3	207.4	484.2
118°	3.2	3.4	3.3	2.9	2.4	1.7	1.2	0.4	44.5	195.5	461.3
119°	3.2	3.4	3.3	2.9	2.4	1.7	1.2	0.4	42.1	185.4	439.5
120°	3.2	3.4	3.3	2.9	2.4	1.8	1.2	0.4	40.0	176.3	418.0
121°	3.2	3.4	3.3	2.9	2.4	1.8	1.2	0.4	38.0	167.7	396.7
122°	3.2	3.3	3.3	2.9	2.4	1.8	1.2	0.4	36.4	159.8	376.9
123°	3.1	3.3	3.2	2.9	2.4	1.8	1.3	0.4	35.2	153.0	358.0
124°	3.1	3.3	3.2	2.9	2.4	1.8	1.3	0.4	34.4	147.4	340.2
125°	3.1	3.3	3.3	2.9	2.4	1.9	1.3	0.4	33.7	142.1	322.8
126°	3.1	3.3	3.2	2.9	2.5	1.9	1.3	0.4	33.2	135.1	305.7
127°	3.1	3.3	3.2	3.0	2.5	1.9	1.4	0.5	32.6	127.6	288.5
128°	3.1	3.3	3.3	3.0	2.5	1.9	1.4	0.5	31.6	120.4	272.5
129°	3.1	3.3	3.3	3.0	2.5	2.0	1.4	0.5	30.3	113.7	256.5
130°	3.1	3.3	3.3	3.0	2.5	2.0	1.5	0.5	28.8	106.9	241.4
131°	3.1	3.3	3.3	3.0	2.6	2.0	1.5	0.5	27.2	100.6	226.8
132°	3.1	3.3	3.3	3.0	2.6	2.0	1.5	0.5	25.5	94.2	212.9
133°	3.1	3.3	3.3	3.0	2.6	2.1	1.5	0.6	23.7	87.9	199.9
134°	3.1	3.3	3.2	3.0	2.6	2.1	1.6	0.6	22.1	82.3	186.9

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CATALOG NUMBER: CWP125 (50W-5000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
135°	3.1	3.3	3.2	3.0	2.6	2.1	1.6	0.6	20.5	77.0	173.9
136°	3.1	3.3	3.2	3.0	2.6	2.1	1.6	0.6	18.9	71.8	161.8
137°	3.1	3.2	3.2	3.0	2.6	2.1	1.6	0.6	17.5	67.1	150.5
138°	3.1	3.2	3.2	3.0	2.7	2.2	1.7	0.7	16.3	62.9	140.0
139°	3.0	3.2	3.2	3.0	2.6	2.2	1.7	0.7	15.1	59.0	129.7
140°	3.0	3.2	3.2	3.0	2.6	2.2	1.7	0.7	13.9	55.3	120.0
141°	3.0	3.2	3.2	3.0	2.6	2.2	1.7	0.7	12.7	52.1	110.8
142°	3.0	3.1	3.1	3.0	2.6	2.2	1.7	0.7	11.8	49.5	102.6
143°	3.0	3.1	3.1	3.0	2.6	2.2	1.8	0.8	10.9	47.4	95.4
144°	2.9	3.1	3.1	3.0	2.7	2.2	1.8	0.8	10.1	45.5	88.3
145°	2.9	3.1	3.1	2.9	2.7	2.3	1.8	0.8	9.3	43.4	81.2
146°	2.9	3.0	3.0	2.9	2.6	2.3	1.9	0.8	8.6	41.3	76.2
147°	2.8	3.0	3.0	2.9	2.6	2.3	1.9	0.9	8.0	39.3	72.6
148°	2.8	3.0	3.0	2.9	2.6	2.3	1.9	0.9	7.4	37.3	69.6
149°	2.8	2.9	2.9	2.8	2.6	2.3	2.0	0.9	6.8	35.3	66.7
150°	2.7	2.9	2.9	2.8	2.6	2.3	2.0	1.0	6.2	33.4	63.4
151°	2.7	2.8	2.8	2.8	2.6	2.3	2.1	1.0	5.5	31.5	60.0
152°	2.6	2.7	2.8	2.7	2.6	2.4	2.1	1.0	4.8	29.5	56.4
153°	2.5	2.7	2.7	2.7	2.6	2.4	2.1	1.0	4.1	27.6	52.7
154°	2.5	2.6	2.7	2.6	2.5	2.4	2.1	1.1	3.4	25.7	49.1
155°	2.4	2.5	2.6	2.6	2.5	2.4	2.2	1.1	2.5	23.8	45.7
156°	2.3	2.4	2.5	2.5	2.5	2.4	2.2	1.1	1.7	21.9	42.4
157°	2.3	2.4	2.4	2.5	2.5	2.4	2.2	1.2	1.2	20.0	39.2
158°	2.2	2.3	2.4	2.4	2.4	2.3	2.2	1.2	1.1	18.0	35.9
159°	2.1	2.2	2.3	2.3	2.4	2.3	2.2	1.2	1.1	16.0	32.8
160°	2.1	2.1	2.2	2.2	2.3	2.3	2.2	1.3	1.1	14.1	29.8
161°	2.0	2.0	2.1	2.2	2.2	2.2	2.2	1.3	1.2	12.2	26.9
162°	1.9	1.9	2.0	2.1	2.1	2.2	2.1	1.3	1.2	10.6	24.1
163°	1.9	1.9	1.9	2.0	2.0	2.1	2.1	1.3	1.2	8.9	21.3
164°	1.8	1.8	1.8	1.9	2.0	2.0	2.1	1.4	1.3	7.3	18.7
165°	1.7	1.7	1.7	1.8	1.9	2.0	2.0	1.4	1.3	5.8	16.1
166°	1.7	1.6	1.6	1.7	1.8	1.9	2.0	1.4	1.3	4.3	13.7
167°	1.6	1.5	1.5	1.6	1.7	1.8	1.9	1.4	1.3	2.7	11.2
168°	1.6	1.5	1.4	1.5	1.6	1.8	1.9	1.5	1.4	1.4	9.0
169°	1.5	1.4	1.4	1.4	1.6	1.7	1.8	1.5	1.4	1.3	6.8
170°	1.5	1.4	1.3	1.4	1.5	1.7	1.8	1.5	1.4	1.3	4.5
171°	1.5	1.4	1.3	1.4	1.5	1.7	1.8	1.5	1.4	1.3	2.4
172°	1.5	1.4	1.3	1.3	1.4	1.6	1.8	1.5	1.4	1.3	1.2
173°	1.5	1.3	1.3	1.3	1.4	1.6	1.8	1.5	1.5	1.4	1.2
174°	1.4	1.3	1.2	1.3	1.4	1.5	1.7	1.6	1.5	1.4	1.3
175°	1.4	1.3	1.2	1.2	1.3	1.5	1.7	1.6	1.5	1.4	1.3
176°	1.4	1.3	1.2	1.2	1.3	1.4	1.6	1.6	1.5	1.4	1.3
177°	1.4	1.3	1.2	1.2	1.3	1.4	1.5	1.6	1.6	1.5	1.4
178°	1.4	1.3	1.2	1.2	1.2	1.3	1.4	1.7	1.6	1.5	1.4
179°	1.4	1.3	1.2	1.2	1.2	1.3	1.4	1.7	1.6	1.5	1.4



REPORT NUMBER: P1444938
CATALOG NUMBER: CWP125 (50W-5000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
180°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2

REPORT NUMBER: P1444938

CATALOG NUMBER: CWP125 (50W-5000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	896.8	896.8	896.8
1°	1000.9	1015.7	1020.9
2°	1050.4	1084.7	1109.7
3°	1173.6	1194.7	1208.1
4°	1240.1	1317.1	1330.3
5°	1323.2	1352.7	1397.7
6°	1397.0	1464.5	1477.5
7°	1466.0	1559.3	1607.9
8°	1577.8	1625.0	1679.6
9°	1623.7	1761.6	1788.4
10°	1745.0	1820.4	1876.1
11°	1792.8	1875.5	1916.9
12°	1862.5	1960.7	1990.3
13°	1901.8	1979.9	2000.9
14°	1963.2	1998.5	2010.6
15°	2024.9	2017.2	2020.3
16°	2010.3	1977.3	1986.4
17°	2002.2	1962.4	1955.5
18°	1937.5	1939.5	1980.0
19°	1923.8	1979.8	2064.7
20°	1899.7	2083.8	2171.7
21°	1934.7	2190.0	2282.1
22°	2019.4	2278.6	2359.6
23°	2104.8	2344.1	2425.0
24°	2190.3	2410.0	2495.4
25°	2252.4	2470.6	2544.5
26°	2308.1	2526.0	2616.3
27°	2360.4	2594.1	2678.2
28°	2405.4	2649.2	2732.7
29°	2449.3	2692.8	2778.9
30°	2496.1	2741.0	2834.9
31°	2535.2	2788.8	2882.0
32°	2559.7	2838.4	2937.1
33°	2591.7	2890.5	2992.4
34°	2630.4	2937.8	3039.2
35°	2665.6	2974.4	3074.4
36°	2696.3	3016.3	3114.9
37°	2724.2	3062.7	3177.7
38°	2747.0	3088.5	3144.7
39°	2773.2	3096.5	3183.5
40°	2786.5	3122.6	3205.5
41°	2800.2	3131.1	3177.5
42°	2824.1	3136.6	3307.0
43°	2828.6	3192.5	3279.7
44°	2838.1	3211.1	3381.1

REPORT NUMBER: P1444938

CATALOG NUMBER: CWP125 (50W-5000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	2865.7	3323.6	3771.5
46°	2884.8	3552.4	3635.0
47°	2958.3	3458.6	3220.7
48°	3065.3	3201.6	3395.9
49°	3028.5	3271.5	3592.1
50°	2979.8	3436.6	3575.2
51°	3009.4	3466.5	3603.0
52°	2996.5	3468.1	3542.4
53°	3029.2	3433.9	3513.5
54°	3096.8	3429.6	3578.8
55°	3093.9	3453.9	3498.3
56°	3100.3	3376.3	3379.3
57°	3106.4	3288.4	3378.6
58°	3068.8	3272.7	3349.3
59°	3027.3	3228.0	3277.9
60°	2980.4	3179.4	3290.9
61°	2940.0	3194.0	3297.9
62°	2914.8	3185.2	3263.6
63°	2899.2	3134.4	3218.6
64°	2879.9	3099.4	3204.4
65°	2843.7	3074.2	3137.0
66°	2807.4	3002.3	3084.1
67°	2767.3	2952.9	3034.8
68°	2708.5	2896.3	2992.0
69°	2650.5	2855.5	2923.9
70°	2600.5	2815.9	2973.1
71°	2550.0	2822.1	2834.0
72°	2533.4	2647.3	2741.0
73°	2434.3	2634.0	2739.5
74°	2362.3	2630.8	2752.1
75°	2342.5	2597.4	2675.2
76°	2301.5	2531.7	2611.3
77°	2248.1	2461.6	2580.7
78°	2191.9	2440.8	2525.9
79°	2143.5	2355.8	2448.6
80°	2079.0	2336.8	2427.6
81°	2031.1	2252.3	2354.3
82°	1974.3	2188.3	2269.7
83°	1890.7	2129.5	2221.5
84°	1849.1	2070.1	2162.0
85°	1795.8	2020.2	2111.2
86°	1739.4	1964.8	2059.3
87°	1683.4	1905.7	1995.6
88°	1628.2	1856.0	1946.2
89°	1571.4	1785.9	1870.2

REPORT NUMBER: P1444938

CATALOG NUMBER: CWP125 (50W-5000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
90°	1524.6	1738.6	1821.6
91°	1474.7	1688.5	1769.8
92°	1429.5	1628.9	1710.8
93°	1394.7	1590.7	1667.3
94°	1371.9	1550.6	1624.3
95°	1359.3	1522.8	1594.4
96°	1335.3	1516.9	1583.8
97°	1305.6	1491.9	1562.4
98°	1276.2	1457.1	1525.2
99°	1251.4	1427.2	1491.5
100°	1229.3	1405.9	1471.3
101°	1206.1	1385.8	1450.6
102°	1180.6	1367.2	1432.3
103°	1153.4	1340.1	1408.2
104°	1127.2	1312.8	1378.5
105°	1099.6	1285.5	1353.9
106°	1071.1	1258.4	1327.8
107°	1042.6	1229.9	1299.9
108°	1032.5	1200.1	1270.3
109°	996.5	1170.3	1239.6
110°	959.6	1139.3	1207.9
111°	930.7	1108.4	1177.4
112°	902.4	1078.9	1145.7
113°	873.6	1048.4	1115.1
114°	845.4	1017.8	1084.9
115°	818.1	990.5	1054.1
116°	790.6	963.3	1023.2
117°	762.3	933.7	994.2
118°	734.3	903.3	965.3
119°	707.2	872.5	936.3
120°	681.3	843.2	905.3
121°	654.6	813.2	874.1
122°	628.3	784.6	843.6
123°	603.0	756.1	814.5
124°	577.9	727.5	785.2
125°	552.5	699.6	755.2
126°	527.6	672.1	726.4
127°	503.0	644.0	698.2
128°	478.8	616.3	669.0
129°	454.7	589.2	640.1
130°	430.2	562.0	612.4
131°	406.0	534.7	584.5
132°	382.3	508.3	556.4
133°	358.8	482.3	529.2
134°	336.1	456.7	503.6

REPORT NUMBER: P1444938

CATALOG NUMBER: CWP125 (50W-5000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
135°	314.2	431.5	477.5
136°	292.3	406.4	451.0
137°	272.2	382.4	425.5
138°	252.7	358.0	400.1
139°	234.0	333.3	375.0
140°	216.0	308.7	349.2
141°	198.2	284.3	323.7
142°	180.9	260.1	298.8
143°	164.6	235.8	273.5
144°	149.0	211.5	248.1
145°	134.4	187.8	222.9
146°	120.9	165.7	197.7
147°	109.0	145.8	172.8
148°	101.0	126.6	146.2
149°	93.2	109.6	121.0
150°	85.4	101.9	104.2
151°	80.9	94.5	98.5
152°	76.3	87.0	93.0
153°	71.6	82.0	87.6
154°	67.0	77.1	82.1
155°	62.4	72.2	76.8
156°	57.8	67.1	71.6
157°	53.2	62.1	66.3
158°	48.7	57.3	61.2
159°	44.8	52.9	56.4
160°	41.2	48.7	52.0
161°	37.8	44.8	47.9
162°	34.4	41.3	44.1
163°	31.1	37.8	40.5
164°	28.0	34.3	36.9
165°	24.9	30.8	33.1
166°	21.9	27.5	29.6
167°	18.7	24.0	26.2
168°	15.6	20.5	22.5
169°	12.6	16.9	18.8
170°	9.8	13.4	15.1
171°	7.0	10.0	11.5
172°	4.2	7.0	8.3
173°	1.7	4.0	5.1
174°	1.1	1.4	2.0
175°	1.2	1.1	1.1
176°	1.2	1.1	1.1
177°	1.3	1.2	1.1
178°	1.3	1.2	1.2
179°	1.3	1.2	1.2

REPORT NUMBER: P1444938

CATALOG NUMBER: CWP125 (50W-5000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	1.2	1.2	1.2

(END OF REPORT)