

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: P1444937

Luminaire Tested: CWP125 (50W-4000K)

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2024
Report Number: P1444937
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-4000K)
Description: COMPACT WALL PACK, 125W
SET TO 50W, 4000K CCT
Light Source: 3000K/5000K CCT, 80 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7586.5 lumens
Efficiency: N/A
Efficacy: 153.0 lumens/watt
Luminous Opening: Point Source (0m x 0m x 0m)
IES Classification: Type IV - Short
BUG Rating: B0 - U4 - G4

Input Watts (W): 49.6
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



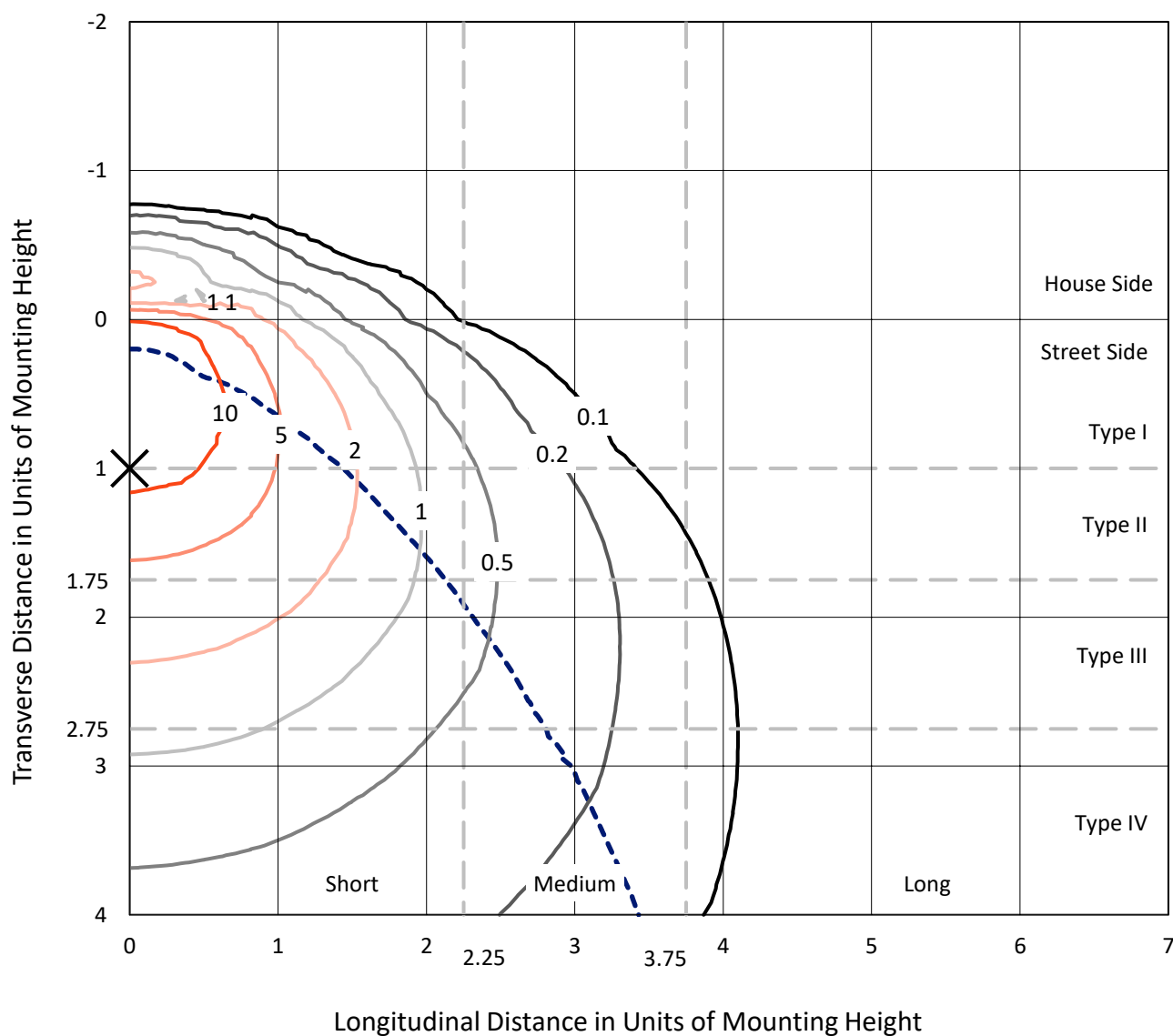
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CATALOG NUMBER: CWP125 (50W-4000K)

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



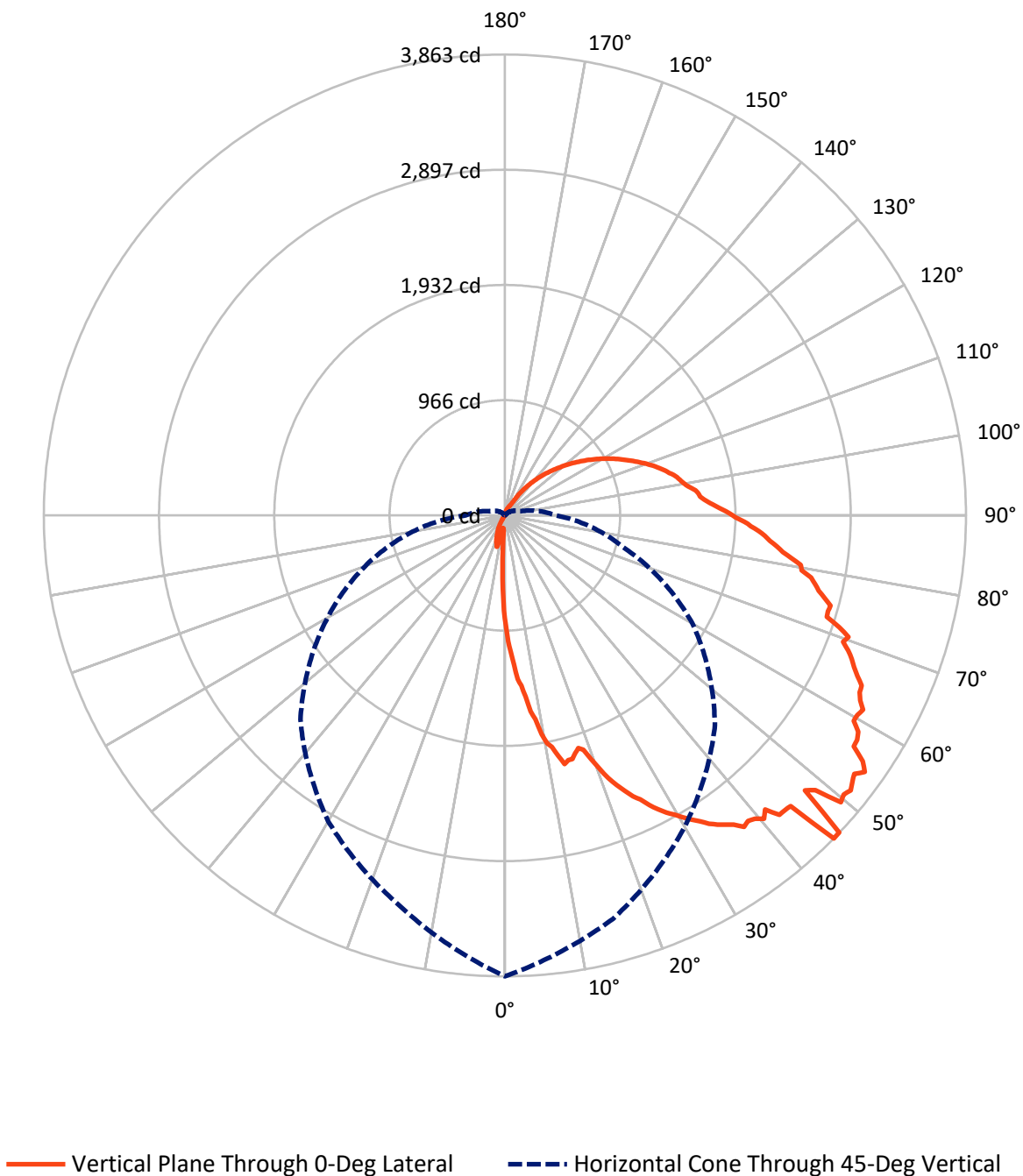
Based on 10 foot mounting height. Maximum calculated value = 19.7 fc

Type IV - Short - N/A

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Luminous Intensity Polar Plot



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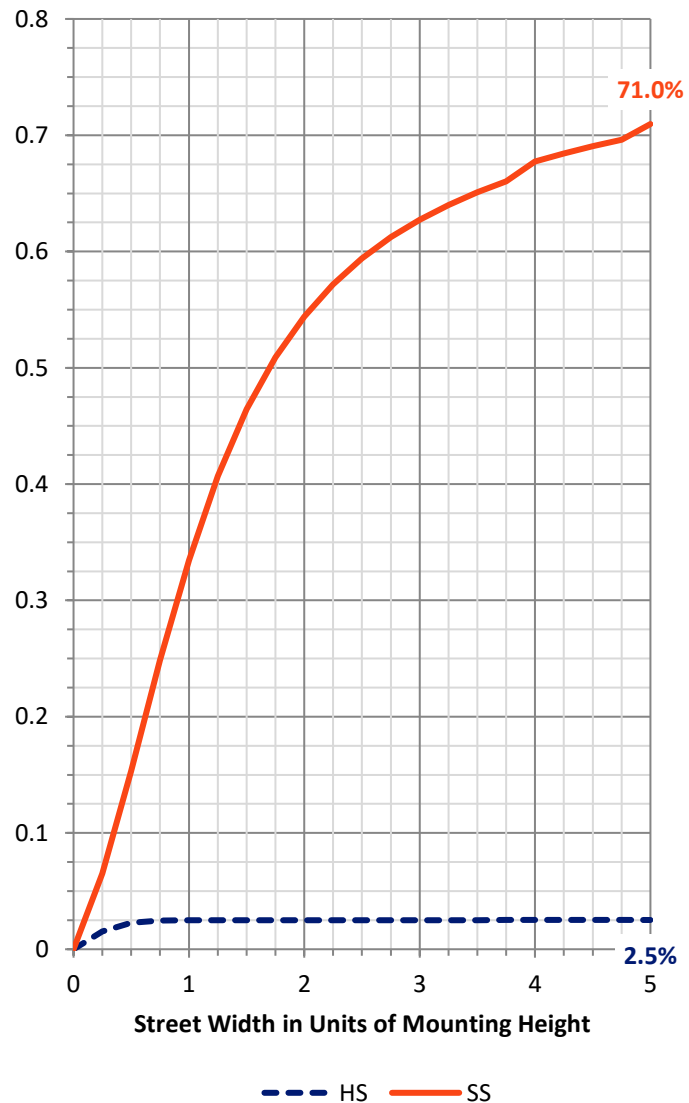
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	193.3	7.2	200.4
	% Fixture	2.5	0.1	2.6
Street Side	Lumens	5896.2	1489.9	7386.1
	% Fixture	77.7	19.6	97.4
Total	Lumens	6089.4	1497.1	7586.5
	% Fixture	80.3	19.7	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	82.4	1.1
10°-20°	276.8	3.6
20°-30°	492.6	6.5
30°-40°	718.7	9.5
40°-50°	906.4	11.9
50°-60°	1026.0	13.5
60°-70°	1012.8	13.3
70°-80°	884.5	11.7
80°-90°	689.4	9.1
90°-100°	516.6	6.8
100°-110°	398.1	5.2
110°-120°	276.2	3.6
120°-130°	169.9	2.2
130°-140°	88.3	1.2
140°-150°	34.0	0.4
150°-160°	10.9	0.1
160°-170°	2.9	0.0
170°-180°	0.2	0.0
0°-90°	6089.4	80.3
0°-180°	7586.5	100.0

Coefficient of Utilization



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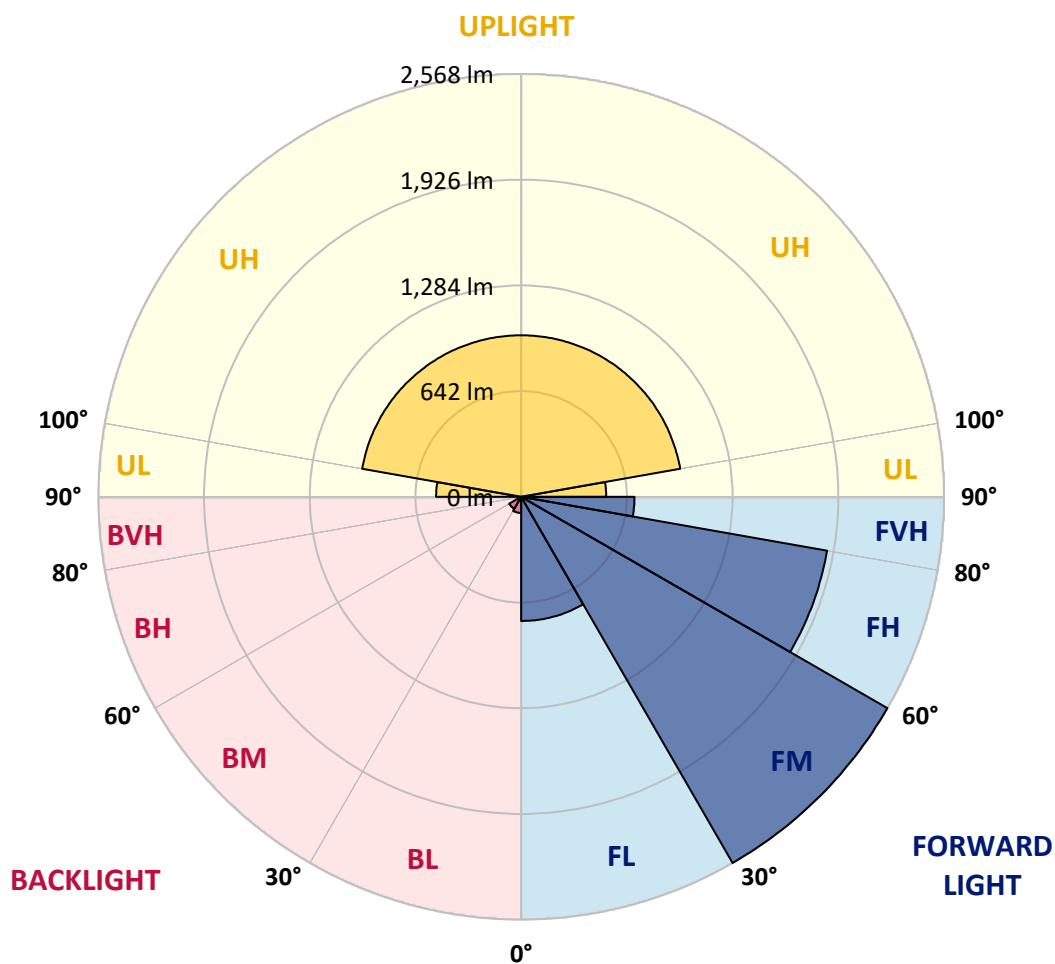
CATALOG NUMBER: CWP125 (50W-4000K)

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	753.9	9.9			
FM	(30°-60°)	2567.6	33.8			
FH	(60°-80°)	1886.5	24.9			G2/5000
FVH	(80°-90°)	688.1	9.1			G4/750
BL	(0°-30°)	97.9	1.3	B0/110		
BM	(30°-60°)	83.4	1.1	B0/220		
BH	(60°-80°)	10.7	0.1	B0/110		G0/110
BVH	(80°-90°)	1.3	0.0			G0/10
UL	(90°-100°)	516.6	6.8		U4/1000	
UH	(100°-180°)	980.5	12.9		U4/1000	

BUG Rating: B0-U4-G4

Type IV Short



REPORT NUMBER: P1444937

CATALOG NUMBER: CWP125 (50W-4000K)

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	926.5	926.5	926.5	926.5	926.5	926.5	926.5	926.5	926.5	926.5	926.5
1°	1054.7	1056.0	1053.8	1035.3	1005.9	967.7	921.0	901.8	874.0	840.5	815.9
2°	1142.4	1137.1	1110.3	1082.5	1063.3	1010.3	921.8	867.9	777.6	705.0	654.9
3°	1254.9	1252.7	1238.5	1187.8	1091.6	1048.9	921.0	823.6	687.6	568.8	480.9
4°	1377.0	1373.8	1324.1	1254.1	1171.6	1062.2	917.9	771.5	595.2	438.4	360.1
5°	1432.9	1416.9	1385.2	1346.0	1234.9	1076.3	919.8	727.1	493.0	332.4	239.3
6°	1528.4	1526.7	1487.5	1381.8	1267.7	1101.2	915.6	677.2	410.6	226.5	119.4
7°	1655.5	1629.2	1533.4	1451.2	1341.5	1140.2	910.6	625.6	321.4	123.5	115.8
8°	1727.8	1702.5	1653.6	1513.1	1370.6	1181.5	908.4	577.8	232.2	112.6	112.2
9°	1859.0	1844.2	1712.8	1572.8	1381.5	1203.5	899.6	522.4	144.4	106.5	108.8
10°	1941.9	1912.4	1835.6	1656.6	1445.2	1213.5	892.0	470.8	121.4	104.8	114.0
11°	1981.0	1965.6	1897.3	1706.0	1474.5	1224.0	884.9	421.8	112.7	107.7	122.1
12°	2063.7	2042.1	1949.4	1798.7	1490.6	1245.2	873.4	373.6	106.5	112.4	134.0
13°	2143.6	2105.9	2017.5	1833.7	1552.3	1268.4	864.7	325.8	102.2	119.1	148.8
14°	2119.1	2139.1	2061.2	1890.2	1578.7	1274.3	851.3	277.6	100.6	128.7	177.1
15°	2118.6	2111.8	2119.5	1917.4	1602.6	1261.1	840.7	229.5	101.6	141.2	214.1
16°	2078.1	2070.5	2078.3	1972.1	1667.5	1255.2	829.0	181.8	105.4	158.2	239.6
17°	2045.9	2053.2	2065.0	1996.3	1691.0	1260.8	818.2	148.0	110.5	177.3	255.1
18°	2070.4	2038.5	2028.0	2032.6	1713.3	1281.0	810.4	124.4	118.7	195.1	253.0
19°	2168.6	2093.1	2001.8	1992.7	1742.1	1294.5	797.6	109.6	126.8	208.2	243.0
20°	2267.4	2191.7	1990.7	1973.4	1745.3	1291.5	790.7	100.8	137.4	216.8	233.0
21°	2366.1	2291.0	2057.1	1921.3	1774.7	1291.6	777.6	95.1	149.1	220.3	223.0
22°	2447.3	2390.3	2142.5	1907.9	1785.4	1301.6	768.9	91.3	160.2	221.5	211.1
23°	2516.2	2461.2	2228.5	1868.6	1788.3	1320.4	755.2	89.1	170.2	219.6	197.1
24°	2588.5	2522.2	2314.4	1872.8	1800.4	1328.2	747.1	88.6	177.2	213.6	184.1
25°	2636.7	2579.9	2374.5	1923.1	1776.2	1328.8	734.5	89.6	181.9	202.4	169.5
26°	2712.0	2641.0	2433.8	1991.7	1729.3	1331.3	721.9	92.1	183.8	193.4	156.6
27°	2776.6	2706.8	2483.7	2063.8	1716.2	1345.6	714.7	95.9	184.5	182.0	143.5
28°	2835.5	2769.3	2526.8	2121.0	1670.0	1357.7	700.5	101.0	183.3	169.1	131.2
29°	2879.9	2814.9	2578.0	2152.2	1649.8	1361.8	692.3	107.5	181.3	159.8	119.2
30°	2938.0	2863.3	2623.5	2183.1	1620.9	1361.6	680.1	115.0	177.8	149.4	107.0
31°	2989.5	2917.4	2661.8	2213.9	1602.0	1363.4	672.9	123.0	172.9	137.7	95.6
32°	3039.7	2963.5	2699.8	2239.4	1606.7	1353.5	659.1	130.8	167.4	126.6	83.6
33°	3098.4	3015.9	2735.7	2265.2	1639.1	1345.7	646.9	137.6	162.0	115.9	72.3
34°	3144.6	3063.2	2773.9	2291.2	1675.1	1331.7	630.7	143.0	155.7	105.2	61.2
35°	3184.7	3109.1	2813.0	2314.1	1717.9	1323.4	617.8	147.5	148.6	95.9	51.8
36°	3223.3	3141.3	2847.5	2337.2	1749.1	1303.1	599.1	150.8	140.8	86.6	43.0
37°	3291.0	3192.3	2872.7	2358.7	1772.5	1286.0	581.4	153.4	133.5	77.6	36.3
38°	3271.8	3224.4	2897.7	2383.2	1782.7	1269.2	561.7	155.2	125.9	68.9	30.9
39°	3294.2	3222.5	2926.3	2406.3	1790.5	1249.8	540.7	155.4	118.4	60.1	26.8
40°	3343.7	3262.7	2936.6	2426.2	1797.2	1223.0	521.0	154.9	110.7	52.4	23.0
41°	3292.0	3256.6	2960.6	2442.0	1800.4	1181.9	500.1	152.7	103.3	45.2	19.3
42°	3405.0	3273.9	2978.8	2458.6	1806.5	1142.9	481.0	149.7	96.0	38.1	15.5
43°	3406.2	3329.4	2973.1	2468.5	1811.6	1104.3	461.3	145.5	88.7	32.6	12.5
44°	3415.6	3304.7	2998.6	2482.8	1813.1	1064.5	443.0	140.5	81.1	28.4	4.9

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CATALOG NUMBER: CWP125 (50W-4000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	3863.2	3500.6	3013.4	2488.7	1815.4	1024.6	425.8	134.9	73.7	24.3	0.8
46°	3862.2	3752.9	3023.9	2486.0	1813.9	992.1	407.3	128.9	66.7	20.1	0.7
47°	3411.6	3580.4	3166.9	2495.0	1809.5	952.5	392.7	122.2	60.1	16.0	0.7
48°	3474.4	3329.5	3246.7	2495.0	1804.6	924.9	376.2	115.3	53.2	13.5	0.7
49°	3702.4	3458.2	3166.8	2497.5	1793.5	908.9	362.0	108.1	45.8	10.8	0.8
50°	3677.7	3585.7	3135.9	2554.4	1780.5	901.2	348.1	101.1	39.0	4.1	0.8
51°	3701.4	3583.8	3148.4	2581.2	1768.1	898.3	334.2	94.1	33.2	0.7	0.9
52°	3669.4	3601.0	3149.2	2534.2	1756.0	894.2	320.1	87.5	27.9	0.7	0.9
53°	3642.2	3565.7	3209.8	2498.6	1747.0	886.2	304.7	81.3	23.4	0.7	0.9
54°	3703.9	3573.2	3243.6	2519.2	1750.2	870.5	289.6	75.1	18.9	0.7	1.0
55°	3637.9	3594.3	3235.6	2532.2	1747.8	851.7	276.0	69.4	14.4	0.8	1.0
56°	3505.7	3486.7	3250.2	2539.6	1715.6	827.6	262.7	64.1	10.7	0.8	1.1
57°	3501.0	3407.8	3245.9	2542.2	1684.8	804.1	248.8	58.9	7.2	0.8	1.1
58°	3473.6	3403.0	3193.8	2530.1	1669.9	779.9	235.0	53.8	4.9	0.9	1.1
59°	3391.5	3339.3	3140.9	2551.1	1662.4	753.4	221.2	49.1	2.7	0.9	1.2
60°	3394.8	3291.9	3100.2	2554.2	1646.2	727.1	209.5	44.7	0.8	0.9	1.2
61°	3414.5	3318.3	3052.5	2521.4	1627.9	703.3	195.8	40.6	0.7	1.0	1.3
62°	3357.6	3290.7	3022.7	2499.1	1608.8	678.4	182.7	36.7	0.7	1.0	1.4
63°	3321.1	3238.9	3012.9	2474.3	1593.2	659.0	171.0	33.0	0.7	1.1	1.4
64°	3313.0	3221.9	2988.7	2435.8	1565.2	637.9	159.4	29.4	0.7	1.1	1.5
65°	3247.3	3191.7	2951.9	2406.6	1533.8	615.1	148.3	25.4	0.7	1.1	1.5
66°	3189.9	3113.4	2925.6	2385.3	1504.1	593.0	138.2	21.4	0.7	1.2	1.6
67°	3146.2	3074.8	2873.5	2358.5	1472.7	571.0	127.8	17.3	0.8	1.2	1.6
68°	3092.2	3006.7	2812.1	2334.6	1443.6	548.0	118.0	13.6	0.8	1.3	1.7
69°	3024.7	2965.8	2753.3	2299.6	1417.0	526.3	108.9	10.1	0.8	1.3	1.7
70°	3054.0	2921.7	2699.8	2255.7	1389.1	506.4	99.6	7.0	0.9	1.4	1.8
71°	2953.5	2933.2	2646.2	2206.6	1360.5	486.5	90.3	4.3	0.9	1.4	1.9
72°	2829.0	2733.0	2651.7	2154.0	1326.4	469.2	81.6	2.2	0.9	1.5	1.9
73°	2824.0	2739.3	2495.0	2116.9	1290.4	451.6	73.0	1.2	0.9	1.5	2.0
74°	2831.7	2724.7	2467.9	2067.2	1251.9	435.0	65.0	0.9	1.0	1.5	2.0
75°	2767.7	2690.8	2434.3	1997.6	1218.7	417.7	57.1	0.7	1.0	1.6	2.1
76°	2705.0	2629.3	2401.6	1948.4	1175.7	399.6	49.4	0.6	1.0	1.6	2.1
77°	2663.0	2567.0	2340.6	1913.3	1132.3	382.9	42.7	0.6	1.1	1.7	2.2
78°	2619.1	2542.5	2290.7	1867.6	1100.4	363.2	36.0	0.6	1.1	1.7	2.2
79°	2528.6	2446.6	2241.1	1824.3	1063.0	348.4	30.4	0.6	1.1	1.8	2.3
80°	2514.5	2437.3	2169.2	1771.2	1033.2	333.5	25.4	0.6	1.2	1.8	2.4
81°	2428.9	2339.9	2107.0	1718.7	992.3	319.7	20.4	0.6	1.2	1.8	2.4
82°	2349.8	2272.6	2067.0	1647.4	959.6	305.2	15.5	0.6	1.2	1.9	2.4
83°	2294.7	2215.2	1978.4	1595.2	915.2	290.3	11.7	0.6	1.2	1.9	2.5
84°	2230.6	2149.5	1930.4	1542.9	875.6	276.6	8.9	0.6	1.3	1.9	2.5
85°	2185.1	2103.0	1875.7	1490.5	840.3	264.0	6.6	0.6	1.3	2.0	2.5
86°	2130.3	2046.4	1821.8	1441.4	804.9	252.2	4.8	0.7	1.3	2.0	2.6
87°	2063.1	1979.4	1761.2	1388.8	770.8	241.0	3.4	0.7	1.4	2.0	2.6
88°	2008.4	1927.1	1707.1	1334.7	740.8	231.8	2.3	0.7	1.4	2.1	2.7
89°	1932.6	1854.0	1646.1	1289.6	714.3	224.8	1.7	0.7	1.4	2.1	2.7

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CATALOG NUMBER: CWP125 (50W-4000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	1881.2	1806.5	1596.2	1243.5	692.4	220.6	1.3	0.7	1.4	2.2	2.8
91°	1827.5	1754.2	1543.8	1203.0	676.1	217.2	1.1	0.8	1.5	2.2	2.8
92°	1769.1	1692.5	1494.3	1175.0	662.5	212.1	0.9	0.8	1.5	2.2	2.8
93°	1720.3	1649.3	1457.3	1154.9	644.8	205.1	0.8	0.8	1.5	2.3	2.9
94°	1675.5	1607.4	1431.5	1139.5	626.6	196.7	0.7	0.8	1.6	2.3	2.9
95°	1644.0	1579.6	1418.7	1114.4	607.2	189.0	0.6	0.9	1.6	2.3	2.9
96°	1631.5	1572.7	1394.7	1087.9	585.8	180.9	0.6	0.9	1.6	2.3	3.0
97°	1611.1	1546.8	1363.2	1063.1	563.7	173.2	0.5	0.9	1.6	2.4	3.0
98°	1573.8	1509.4	1332.9	1038.3	545.2	165.5	0.5	0.9	1.7	2.4	3.0
99°	1538.2	1478.9	1309.8	1013.5	526.1	158.0	0.5	0.9	1.7	2.4	3.1
100°	1517.4	1457.7	1286.9	988.1	507.6	151.1	0.4	0.9	1.7	2.4	3.1
101°	1496.1	1437.1	1264.5	960.5	488.9	144.4	0.4	1.0	1.7	2.5	3.1
102°	1477.9	1418.9	1237.5	934.2	471.2	138.0	0.4	1.0	1.7	2.5	3.1
103°	1453.7	1389.4	1210.2	907.0	453.6	131.8	0.4	1.0	1.7	2.5	3.2
104°	1422.5	1360.2	1183.4	879.4	436.4	125.7	0.4	1.0	1.8	2.5	3.2
105°	1396.8	1334.6	1155.8	852.2	420.0	120.3	0.4	1.0	1.8	2.5	3.2
106°	1369.7	1307.4	1127.4	824.8	403.9	115.1	0.4	1.0	1.8	2.5	3.2
107°	1340.7	1277.8	1098.1	797.5	389.2	109.7	0.4	1.0	1.8	2.5	3.1
108°	1310.9	1248.7	1069.6	770.8	374.1	104.7	0.5	1.0	1.8	2.5	3.1
109°	1279.2	1217.4	1041.1	743.7	359.0	99.7	0.5	1.1	1.8	2.5	3.1
110°	1247.1	1185.7	1012.6	716.9	344.0	94.7	0.5	1.1	1.8	2.5	3.1
111°	1215.2	1155.0	983.2	691.3	329.3	90.1	0.5	1.1	1.8	2.5	3.1
112°	1183.1	1122.6	954.2	665.2	314.9	85.6	0.5	1.1	1.8	2.5	3.1
113°	1151.2	1091.6	925.0	639.5	300.4	81.1	0.5	1.1	1.8	2.4	3.0
114°	1119.6	1062.7	896.1	613.6	286.7	76.9	0.5	1.1	1.7	2.4	3.0
115°	1088.2	1033.7	868.0	588.9	273.0	73.1	0.5	1.1	1.7	2.4	3.0
116°	1058.1	1004.8	839.4	565.0	259.5	69.7	0.5	1.1	1.7	2.4	2.9
117°	1028.0	973.6	810.9	540.9	245.7	66.0	0.5	1.1	1.7	2.4	2.9
118°	998.0	942.3	782.2	517.3	232.4	62.0	0.5	1.1	1.7	2.3	2.9
119°	966.8	912.1	753.4	493.7	220.8	58.3	0.5	1.1	1.7	2.3	2.9
120°	935.1	880.7	726.6	470.7	210.3	55.3	0.5	1.1	1.7	2.3	2.9
121°	903.3	850.4	699.6	448.3	199.6	52.6	0.6	1.1	1.7	2.3	2.9
122°	871.7	820.6	671.8	426.5	189.1	49.9	0.6	1.1	1.7	2.3	2.8
123°	842.1	791.0	645.8	405.6	179.4	47.7	0.6	1.1	1.7	2.3	2.8
124°	811.9	761.4	619.2	386.1	171.2	46.3	0.6	1.1	1.7	2.3	2.8
125°	780.4	732.4	594.1	367.3	164.4	46.0	0.6	1.1	1.7	2.3	2.8
126°	750.5	704.3	568.5	347.8	159.2	45.7	0.6	1.1	1.7	2.3	2.8
127°	721.2	675.4	543.0	328.8	151.9	44.9	0.6	1.1	1.7	2.3	2.8
128°	691.5	647.2	517.2	310.3	142.9	43.8	0.7	1.2	1.8	2.3	2.8
129°	661.1	618.8	491.7	292.6	134.2	42.1	0.7	1.2	1.8	2.3	2.8
130°	632.6	590.8	465.8	275.8	125.6	40.0	0.7	1.2	1.8	2.3	2.8
131°	603.8	562.9	441.2	259.7	118.0	37.7	0.7	1.2	1.8	2.4	2.8
132°	575.6	535.1	416.6	243.6	111.1	35.6	0.7	1.2	1.8	2.4	2.8
133°	547.4	508.6	392.4	228.4	105.0	33.6	0.8	1.3	1.8	2.4	2.8
134°	520.4	482.4	368.5	212.9	98.8	31.6	0.8	1.3	1.8	2.4	2.8

REPORT NUMBER: P1444937

CATALOG NUMBER: CWP125 (50W-4000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
135°	493.6	456.3	346.0	198.4	92.7	29.6	0.8	1.3	1.8	2.4	2.8
136°	466.3	430.2	323.5	185.0	86.6	27.6	0.8	1.3	1.8	2.4	2.8
137°	440.3	405.3	301.5	172.7	80.8	25.9	0.9	1.3	1.9	2.4	2.8
138°	414.0	379.9	279.9	161.2	75.7	24.4	0.9	1.4	1.9	2.4	2.8
139°	387.6	354.7	259.2	150.0	71.0	22.9	0.9	1.4	1.9	2.4	2.8
140°	361.3	329.4	238.8	139.5	66.9	21.6	1.0	1.4	1.9	2.4	2.8
141°	335.4	303.9	219.3	128.6	62.8	20.5	1.0	1.4	1.9	2.4	2.8
142°	309.1	279.0	199.8	118.6	59.0	19.1	1.0	1.5	1.9	2.4	2.8
143°	283.0	254.1	181.1	109.2	56.1	17.6	1.1	1.5	1.9	2.4	2.8
144°	256.8	229.1	163.8	101.2	53.8	16.4	1.1	1.5	1.9	2.4	2.8
145°	230.8	204.3	147.4	93.1	51.7	15.5	1.2	1.5	1.9	2.4	2.7
146°	205.1	180.0	132.0	85.1	49.4	14.7	1.2	1.6	1.9	2.3	2.7
147°	179.5	157.2	118.2	80.3	47.2	13.9	1.2	1.6	2.0	2.3	2.7
148°	151.6	135.9	106.0	76.7	45.0	13.0	1.3	1.6	2.0	2.3	2.7
149°	125.7	116.7	99.3	73.7	43.0	12.3	1.3	1.6	2.0	2.3	2.6
150°	107.6	108.3	92.6	70.7	41.1	11.7	1.3	1.6	2.0	2.3	2.6
151°	101.8	100.0	85.9	67.4	38.9	11.0	1.4	1.6	1.9	2.2	2.5
152°	96.3	91.7	81.1	63.7	36.7	10.2	1.4	1.7	1.9	2.2	2.5
153°	90.4	86.2	76.1	59.6	34.4	9.3	1.4	1.7	1.9	2.2	2.4
154°	84.6	81.0	71.3	55.4	31.9	8.2	1.5	1.7	1.9	2.1	2.4
155°	79.2	75.9	66.5	51.2	29.6	7.2	1.5	1.7	1.9	2.1	2.3
156°	73.8	70.9	62.0	47.4	27.5	6.2	1.5	1.7	1.9	2.1	2.3
157°	68.4	65.8	57.4	43.9	25.4	5.2	1.6	1.7	1.9	2.1	2.2
158°	63.0	60.6	52.8	40.4	23.3	4.4	1.6	1.7	1.9	2.0	2.2
159°	58.1	55.9	48.4	36.9	21.0	3.6	1.6	1.7	1.9	2.0	2.1
160°	53.7	51.4	44.5	33.7	18.7	2.6	1.6	1.7	1.9	2.0	2.1
161°	49.4	47.4	41.0	30.7	16.5	1.9	1.7	1.7	1.9	1.9	2.0
162°	45.5	43.7	37.6	27.8	14.4	1.5	1.7	1.7	1.9	1.9	2.0
163°	41.9	40.1	34.2	24.9	12.4	1.5	1.7	1.8	1.8	1.9	1.9
164°	38.0	36.4	30.8	22.2	10.8	1.6	1.7	1.8	1.8	1.9	1.9
165°	34.2	32.7	27.7	19.6	9.1	1.6	1.7	1.8	1.8	1.9	1.8
166°	30.7	29.3	24.5	16.9	7.4	1.6	1.8	1.8	1.8	1.8	1.8
167°	27.1	25.8	21.4	14.3	5.9	1.7	1.8	1.8	1.8	1.8	1.7
168°	23.3	22.2	18.1	11.8	4.3	1.7	1.8	1.8	1.8	1.8	1.7
169°	19.4	18.6	15.0	9.4	2.6	1.7	1.8	1.8	1.8	1.8	1.7
170°	15.7	14.9	11.8	6.9	1.6	1.6	1.8	1.8	1.8	1.8	1.7
171°	12.0	11.3	8.8	4.6	1.5	1.6	1.8	1.8	1.8	1.7	1.7
172°	8.5	8.1	5.8	2.4	1.5	1.6	1.8	1.8	1.8	1.7	1.6
173°	5.1	4.8	3.1	1.4	1.5	1.6	1.8	1.8	1.8	1.7	1.6
174°	2.1	2.0	1.3	1.4	1.5	1.6	1.8	1.8	1.8	1.7	1.6
175°	1.1	1.2	1.3	1.4	1.5	1.6	1.8	1.8	1.7	1.7	1.6
176°	1.1	1.2	1.3	1.4	1.5	1.6	1.8	1.8	1.7	1.7	1.6
177°	1.2	1.2	1.3	1.4	1.5	1.6	1.8	1.8	1.7	1.7	1.6
178°	1.2	1.2	1.3	1.3	1.4	1.5	1.8	1.8	1.7	1.7	1.5
179°	1.2	1.2	1.2	1.3	1.4	1.5	1.8	1.8	1.7	1.6	1.5



REPORT NUMBER: P1444937
CATALOG NUMBER: CWP125 (50W-4000K)

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: P1444937

CATALOG NUMBER: CWP125 (50W-4000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	926.5	926.5	926.5	926.5	926.5	926.5	926.5	926.5	926.5	926.5	926.5
1°	801.0	799.1	814.9	838.6	877.0	900.2	919.1	917.9	931.5	958.0	993.7
2°	620.8	615.8	631.9	672.5	735.8	819.1	901.7	919.5	955.9	1038.3	1072.9
3°	455.8	450.0	463.5	496.6	602.6	717.9	859.1	913.6	989.1	1072.0	1133.0
4°	290.8	284.2	295.0	370.6	455.9	624.8	804.2	915.8	1033.9	1103.5	1235.4
5°	127.7	123.5	128.5	244.6	345.1	513.9	747.7	909.4	1054.2	1190.8	1286.8
6°	121.1	118.7	111.7	119.5	234.4	424.0	699.4	910.8	1069.6	1238.6	1377.2
7°	114.5	113.8	109.4	115.7	124.1	330.5	647.3	902.3	1076.7	1269.4	1388.3
8°	107.9	109.3	107.3	112.0	112.8	237.1	587.9	896.9	1091.0	1340.1	1497.2
9°	114.1	116.1	113.9	108.3	106.4	145.8	528.4	890.0	1130.0	1363.9	1519.4
10°	123.1	125.8	123.0	114.1	104.5	120.9	470.3	878.8	1158.7	1373.4	1614.3
11°	133.2	134.9	132.4	122.3	108.0	112.4	422.5	871.2	1188.4	1434.1	1654.5
12°	150.0	155.6	147.8	133.0	112.5	106.2	370.6	854.7	1192.0	1470.1	1741.9
13°	190.6	216.3	189.6	148.7	119.4	102.4	312.0	842.4	1195.3	1472.0	1803.0
14°	248.8	268.6	248.1	176.9	130.3	101.4	255.7	824.3	1203.6	1526.3	1844.7
15°	269.2	272.1	274.4	218.5	144.0	103.0	199.9	808.2	1217.3	1566.1	1893.7
16°	266.0	252.9	263.6	250.2	160.8	106.6	159.0	792.1	1226.3	1562.4	1913.7
17°	249.5	244.4	249.1	260.9	181.3	112.5	130.3	773.9	1230.8	1619.1	1962.7
18°	240.8	234.3	240.7	257.8	200.4	120.1	112.6	761.4	1222.0	1664.3	1982.0
19°	232.0	224.2	232.3	247.2	216.1	130.0	103.5	744.1	1216.4	1663.3	2015.4
20°	223.2	214.0	223.9	236.6	224.8	141.2	97.7	731.4	1216.9	1699.3	1958.7
21°	206.5	192.8	206.2	225.8	227.4	153.4	94.1	713.4	1233.2	1714.5	1949.1
22°	188.8	180.1	188.6	211.8	226.5	165.1	91.5	699.2	1237.9	1706.6	1892.0
23°	176.9	167.5	176.3	197.7	223.1	174.7	90.6	683.1	1239.0	1738.2	1883.3
24°	163.1	152.7	162.8	184.1	215.9	181.0	91.2	665.6	1232.5	1740.1	1842.0
25°	150.0	142.5	150.8	169.6	205.6	185.7	93.5	651.8	1234.5	1730.4	1849.3
26°	137.5	130.3	139.4	156.6	192.4	187.4	97.4	638.3	1243.3	1745.9	1895.8
27°	126.7	121.4	127.2	144.2	180.6	186.9	102.1	621.6	1249.2	1703.6	1963.8
28°	115.2	104.2	117.2	131.7	169.0	185.5	108.5	610.5	1250.4	1667.8	2032.9
29°	103.4	88.5	101.7	120.1	157.3	182.0	116.2	593.1	1253.9	1646.3	2086.9
30°	86.8	78.2	86.5	108.4	147.2	178.2	124.8	582.4	1259.7	1602.0	2125.9
31°	73.4	65.6	73.1	97.3	135.5	173.8	133.1	567.5	1268.5	1596.4	2153.0
32°	62.8	49.8	61.9	84.2	124.6	167.5	140.8	555.1	1269.2	1558.1	2172.8
33°	52.1	41.9	51.5	71.8	113.1	160.4	147.8	540.6	1266.9	1548.2	2192.5
34°	44.2	35.5	42.3	60.1	102.8	153.7	153.5	525.9	1264.1	1557.7	2212.1
35°	34.7	32.6	33.8	50.2	93.1	146.2	157.9	509.0	1257.8	1589.4	2236.5
36°	30.6	28.0	30.1	41.7	84.3	138.6	161.0	491.9	1240.8	1622.7	2262.6
37°	26.3	23.3	26.0	35.8	75.7	130.8	162.5	474.9	1216.8	1660.1	2286.9
38°	22.0	18.6	21.8	30.2	66.6	122.9	162.5	455.1	1199.6	1688.3	2307.2
39°	17.6	12.4	17.6	25.8	57.7	115.5	161.4	434.5	1182.2	1706.4	2327.3
40°	12.2	3.3	10.4	21.3	48.9	107.9	158.8	415.7	1161.2	1712.7	2345.7
41°	3.5	0.7	2.9	16.8	41.7	100.6	155.1	396.2	1129.9	1716.9	2365.0
42°	0.7	0.7	0.7	14.5	35.7	93.2	150.3	377.8	1107.0	1720.1	2387.0
43°	0.7	0.7	0.7	8.9	31.0	85.5	145.1	359.4	1081.6	1717.9	2399.6
44°	0.7	0.8	0.8	2.6	26.6	78.1	139.0	343.6	1051.6	1715.6	2407.8

REPORT NUMBER: P1444937

CATALOG NUMBER: CWP125 (50W-4000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	0.8	0.8	0.8	0.7	22.1	70.9	132.1	327.8	1012.7	1715.3	2421.9
46°	0.8	0.9	0.8	0.8	17.7	64.0	125.0	314.8	979.7	1715.2	2423.8
47°	0.8	0.9	0.9	0.8	14.7	56.2	117.7	301.7	940.6	1710.1	2417.4
48°	0.9	0.9	0.9	0.8	12.9	48.4	110.3	288.0	898.9	1703.1	2420.2
49°	0.9	1.0	1.0	0.9	6.9	41.2	102.8	276.8	864.8	1697.5	2421.7
50°	1.0	1.0	1.0	0.9	0.9	34.6	95.9	263.9	832.8	1689.1	2431.8
51°	1.0	1.1	1.1	0.9	0.8	29.0	89.0	253.4	793.5	1674.1	2468.7
52°	1.1	1.1	1.1	1.0	0.8	24.4	82.5	241.1	766.8	1661.4	2476.5
53°	1.1	1.2	1.1	1.0	0.8	19.9	76.5	229.8	750.6	1648.1	2438.4
54°	1.1	1.2	1.2	1.1	0.9	15.3	70.4	219.4	738.6	1637.4	2422.7
55°	1.2	1.3	1.2	1.1	0.9	11.3	64.7	207.5	729.1	1630.2	2432.8
56°	1.2	1.3	1.3	1.1	0.9	8.0	59.4	197.0	721.7	1616.5	2442.5
57°	1.3	1.4	1.3	1.2	0.9	6.0	54.3	186.7	708.6	1588.9	2441.3
58°	1.3	1.4	1.4	1.2	1.0	3.5	49.5	175.9	693.0	1563.0	2452.0
59°	1.4	1.5	1.4	1.3	1.0	0.8	45.0	165.9	674.1	1544.8	2445.7
60°	1.4	1.5	1.5	1.3	1.0	0.7	40.8	156.2	651.1	1528.9	2441.7
61°	1.5	1.6	1.6	1.4	1.1	0.7	36.7	146.5	623.9	1502.7	2444.5
62°	1.6	1.7	1.6	1.4	1.1	0.8	32.9	137.5	594.8	1478.5	2421.0
63°	1.6	1.7	1.7	1.5	1.2	0.8	28.9	128.5	569.7	1460.6	2397.3
64°	1.7	1.8	1.8	1.5	1.2	0.8	24.5	118.8	546.9	1436.5	2366.8
65°	1.8	1.9	1.8	1.6	1.3	0.8	20.2	109.2	524.6	1405.2	2344.5
66°	1.8	1.9	1.9	1.7	1.3	0.9	15.8	100.4	505.1	1371.2	2316.8
67°	1.9	2.0	1.9	1.7	1.3	0.9	12.0	91.8	486.8	1339.6	2289.0
68°	2.0	2.1	2.0	1.8	1.4	0.9	8.6	83.1	466.5	1305.6	2261.0
69°	2.0	2.1	2.1	1.8	1.4	0.9	5.5	74.9	445.4	1275.2	2230.7
70°	2.1	2.2	2.1	1.9	1.5	1.0	3.0	67.0	426.3	1246.4	2193.5
71°	2.1	2.3	2.2	1.9	1.5	1.0	1.5	59.6	408.6	1219.1	2147.7
72°	2.2	2.3	2.2	2.0	1.5	1.0	0.9	52.8	392.0	1189.3	2099.8
73°	2.3	2.4	2.3	2.0	1.6	1.0	0.8	46.4	375.7	1154.6	2051.9
74°	2.3	2.5	2.4	2.1	1.6	1.1	0.7	40.4	359.9	1121.3	2015.3
75°	2.4	2.5	2.4	2.1	1.7	1.1	0.7	35.2	344.4	1085.6	1948.4
76°	2.5	2.6	2.5	2.2	1.7	1.1	0.6	30.5	329.2	1050.7	1899.1
77°	2.5	2.6	2.6	2.3	1.8	1.1	0.6	25.7	315.0	1009.9	1849.1
78°	2.6	2.7	2.6	2.3	1.8	1.2	0.6	21.6	299.6	976.6	1811.9
79°	2.6	2.8	2.7	2.4	1.8	1.2	0.6	17.7	285.6	943.6	1769.0
80°	2.7	2.8	2.7	2.4	1.9	1.2	0.6	14.2	272.8	914.5	1725.1
81°	2.7	2.9	2.8	2.5	1.9	1.3	0.7	11.0	261.1	883.2	1655.7
82°	2.8	2.9	2.8	2.5	1.9	1.3	0.7	8.4	249.0	846.4	1605.8
83°	2.8	2.9	2.9	2.5	2.0	1.3	0.7	5.8	237.3	813.2	1548.2
84°	2.8	3.0	2.9	2.6	2.0	1.3	0.7	3.8	225.4	776.9	1493.9
85°	2.9	3.0	2.9	2.6	2.0	1.3	0.7	2.3	214.5	743.8	1439.6
86°	2.9	3.0	3.0	2.6	2.1	1.4	0.7	1.1	204.2	714.8	1391.7
87°	3.0	3.1	3.0	2.7	2.1	1.4	0.8	0.4	194.4	683.9	1339.8
88°	3.0	3.2	3.1	2.7	2.1	1.4	0.8	0.2	186.4	657.3	1286.3
89°	3.1	3.2	3.1	2.8	2.2	1.4	0.8	0.2	180.2	633.9	1242.5

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CATALOG NUMBER: CWP125 (50W-4000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
90°	3.1	3.3	3.2	2.8	2.2	1.5	0.8	0.2	175.8	614.3	1197.2
91°	3.2	3.3	3.2	2.9	2.2	1.5	0.8	0.2	172.8	600.8	1158.3
92°	3.2	3.3	3.2	2.9	2.3	1.5	0.9	0.3	168.1	589.1	1132.5
93°	3.3	3.4	3.3	2.9	2.3	1.5	0.9	0.3	162.2	574.2	1112.1
94°	3.3	3.4	3.3	3.0	2.3	1.6	0.9	0.3	155.5	557.8	1096.4
95°	3.3	3.5	3.4	3.0	2.4	1.6	0.9	0.3	148.9	540.4	1071.5
96°	3.4	3.5	3.4	3.0	2.4	1.6	0.9	0.3	142.2	520.6	1046.4
97°	3.4	3.5	3.4	3.1	2.4	1.6	0.9	0.3	135.8	501.0	1021.4
98°	3.4	3.6	3.5	3.1	2.4	1.6	1.0	0.3	129.5	483.1	994.0
99°	3.5	3.6	3.5	3.1	2.5	1.7	1.0	0.3	123.6	466.3	968.5
100°	3.5	3.6	3.5	3.2	2.5	1.7	1.0	0.3	117.9	449.1	942.2
101°	3.5	3.7	3.6	3.2	2.5	1.7	1.0	0.3	112.5	432.7	915.5
102°	3.6	3.7	3.6	3.2	2.5	1.7	1.0	0.3	109.1	416.5	889.2
103°	3.6	3.7	3.6	3.2	2.5	1.7	1.1	0.3	103.3	400.4	861.4
104°	3.6	3.7	3.6	3.3	2.6	1.8	1.1	0.3	97.4	384.1	833.6
105°	3.6	3.7	3.6	3.3	2.6	1.8	1.1	0.3	92.8	369.2	806.5
106°	3.6	3.7	3.6	3.3	2.6	1.8	1.1	0.3	88.3	354.7	779.5
107°	3.6	3.7	3.6	3.2	2.5	1.8	1.1	0.3	83.9	340.8	752.3
108°	3.6	3.7	3.6	3.2	2.5	1.8	1.1	0.3	79.8	327.0	725.2
109°	3.6	3.7	3.6	3.2	2.5	1.8	1.1	0.3	76.0	313.2	698.8
110°	3.6	3.7	3.6	3.2	2.6	1.8	1.1	0.3	72.5	300.1	673.0
111°	3.6	3.8	3.7	3.3	2.6	1.8	1.1	0.3	68.9	287.0	646.9
112°	3.5	3.7	3.6	3.2	2.5	1.8	1.2	0.3	65.1	274.1	621.1
113°	3.5	3.7	3.6	3.2	2.5	1.8	1.2	0.3	61.4	261.0	595.0
114°	3.4	3.6	3.5	3.1	2.5	1.8	1.2	0.3	57.8	248.7	570.2
115°	3.4	3.6	3.5	3.1	2.5	1.8	1.2	0.4	54.5	236.9	545.6
116°	3.4	3.6	3.5	3.1	2.5	1.8	1.2	0.4	51.3	224.9	521.6
117°	3.4	3.5	3.4	3.1	2.5	1.8	1.2	0.4	48.2	212.3	497.6
118°	3.3	3.5	3.4	3.1	2.5	1.8	1.2	0.4	45.4	200.2	474.3
119°	3.3	3.5	3.4	3.0	2.5	1.8	1.2	0.4	42.9	189.8	452.2
120°	3.3	3.5	3.4	3.0	2.5	1.8	1.2	0.4	40.8	180.4	429.8
121°	3.3	3.5	3.4	3.0	2.5	1.8	1.3	0.4	38.8	171.9	408.1
122°	3.3	3.4	3.4	3.0	2.5	1.9	1.3	0.4	37.1	163.8	387.2
123°	3.3	3.4	3.4	3.0	2.5	1.9	1.3	0.4	35.9	156.7	368.2
124°	3.2	3.4	3.4	3.0	2.5	1.9	1.3	0.4	35.1	151.0	350.0
125°	3.2	3.4	3.4	3.1	2.5	1.9	1.4	0.4	34.4	145.7	332.1
126°	3.2	3.4	3.4	3.1	2.6	2.0	1.4	0.5	33.9	138.5	314.3
127°	3.2	3.4	3.4	3.1	2.6	2.0	1.4	0.5	33.3	130.9	296.8
128°	3.2	3.4	3.4	3.1	2.6	2.0	1.5	0.5	32.3	123.4	280.3
129°	3.2	3.4	3.4	3.1	2.6	2.0	1.5	0.5	31.0	116.4	263.9
130°	3.2	3.4	3.4	3.1	2.6	2.1	1.5	0.5	29.4	109.5	248.2
131°	3.2	3.4	3.4	3.1	2.7	2.1	1.5	0.5	27.8	103.0	233.3
132°	3.2	3.4	3.4	3.1	2.7	2.1	1.6	0.6	26.1	96.6	219.2
133°	3.2	3.4	3.4	3.1	2.7	2.1	1.6	0.6	24.3	90.1	205.8
134°	3.2	3.4	3.4	3.1	2.7	2.2	1.6	0.6	22.6	84.5	192.2

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CATALOG NUMBER: CWP125 (50W-4000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
135°	3.2	3.4	3.4	3.1	2.7	2.2	1.6	0.6	20.9	79.0	178.7
136°	3.2	3.4	3.4	3.1	2.7	2.2	1.7	0.6	19.4	73.6	166.2
137°	3.2	3.4	3.3	3.1	2.7	2.2	1.7	0.7	17.9	68.8	154.9
138°	3.2	3.3	3.3	3.1	2.8	2.2	1.7	0.7	16.7	64.4	144.0
139°	3.1	3.3	3.3	3.1	2.7	2.2	1.7	0.7	15.5	60.5	133.4
140°	3.1	3.3	3.3	3.1	2.7	2.2	1.8	0.7	14.2	56.6	123.3
141°	3.1	3.3	3.3	3.1	2.7	2.3	1.8	0.7	13.1	53.4	114.0
142°	3.1	3.2	3.3	3.1	2.7	2.3	1.8	0.8	12.1	50.7	105.9
143°	3.1	3.2	3.2	3.1	2.8	2.3	1.8	0.8	11.2	48.5	97.8
144°	3.0	3.2	3.2	3.1	2.8	2.3	1.9	0.8	10.4	46.5	89.7
145°	3.0	3.2	3.2	3.1	2.8	2.3	1.9	0.8	9.6	44.4	83.3
146°	3.0	3.1	3.2	3.0	2.8	2.4	2.0	0.9	8.8	42.3	78.2
147°	2.9	3.1	3.1	3.0	2.7	2.4	2.0	0.9	8.2	40.2	74.4
148°	2.9	3.1	3.1	3.0	2.7	2.4	2.0	0.9	7.6	38.2	71.4
149°	2.9	3.0	3.0	3.0	2.7	2.4	2.1	1.0	7.0	36.2	68.4
150°	2.8	3.0	3.0	2.9	2.7	2.4	2.1	1.0	6.4	34.3	65.1
151°	2.8	2.9	2.9	2.9	2.7	2.4	2.1	1.0	5.7	32.3	61.6
152°	2.7	2.8	2.9	2.8	2.7	2.4	2.2	1.1	5.0	30.3	57.9
153°	2.6	2.8	2.8	2.8	2.7	2.4	2.2	1.1	4.2	28.3	54.1
154°	2.6	2.7	2.7	2.7	2.6	2.5	2.2	1.1	3.4	26.4	50.4
155°	2.5	2.6	2.7	2.7	2.6	2.4	2.2	1.2	2.6	24.5	46.9
156°	2.4	2.5	2.6	2.6	2.6	2.4	2.3	1.2	1.8	22.5	43.6
157°	2.4	2.5	2.5	2.6	2.6	2.4	2.3	1.2	1.2	20.6	40.3
158°	2.3	2.4	2.5	2.5	2.5	2.4	2.3	1.3	1.1	18.5	36.9
159°	2.2	2.3	2.4	2.4	2.4	2.4	2.3	1.3	1.1	16.5	33.8
160°	2.1	2.2	2.3	2.3	2.4	2.3	2.3	1.3	1.2	14.5	30.6
161°	2.1	2.1	2.2	2.2	2.3	2.3	2.3	1.3	1.2	12.6	27.7
162°	2.0	2.0	2.1	2.1	2.2	2.2	2.2	1.4	1.2	10.9	24.8
163°	1.9	1.9	2.0	2.0	2.1	2.2	2.2	1.4	1.3	9.2	22.0
164°	1.9	1.8	1.9	1.9	2.0	2.1	2.1	1.4	1.3	7.5	19.4
165°	1.8	1.7	1.8	1.8	1.9	2.0	2.1	1.4	1.3	6.0	16.7
166°	1.7	1.7	1.7	1.7	1.8	2.0	2.0	1.5	1.4	4.5	14.1
167°	1.7	1.6	1.6	1.6	1.8	1.9	2.0	1.5	1.4	2.9	11.6
168°	1.6	1.5	1.5	1.5	1.7	1.8	1.9	1.5	1.4	1.5	9.2
169°	1.6	1.5	1.4	1.5	1.6	1.8	1.9	1.5	1.4	1.3	6.9
170°	1.6	1.5	1.4	1.4	1.6	1.7	1.9	1.5	1.5	1.3	4.7
171°	1.5	1.4	1.4	1.4	1.5	1.7	1.9	1.6	1.5	1.4	2.6
172°	1.5	1.4	1.3	1.4	1.5	1.7	1.8	1.6	1.5	1.4	1.3
173°	1.5	1.4	1.3	1.3	1.5	1.6	1.8	1.6	1.5	1.4	1.3
174°	1.5	1.4	1.3	1.3	1.4	1.6	1.8	1.6	1.5	1.4	1.3
175°	1.5	1.4	1.3	1.3	1.4	1.5	1.7	1.6	1.6	1.5	1.3
176°	1.5	1.3	1.2	1.3	1.3	1.5	1.6	1.7	1.6	1.5	1.4
177°	1.5	1.3	1.2	1.2	1.3	1.4	1.6	1.7	1.6	1.5	1.4
178°	1.4	1.3	1.2	1.2	1.3	1.4	1.5	1.7	1.7	1.6	1.5
179°	1.4	1.3	1.2	1.2	1.2	1.3	1.4	1.8	1.7	1.6	1.5



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CATALOG NUMBER: CWP125 (50W-4000K)

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: P1444937

CATALOG NUMBER: CWP125 (50W-4000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	926.5	926.5	926.5
1°	1026.4	1046.8	1054.7
2°	1089.4	1118.2	1142.4
3°	1221.7	1248.3	1254.9
4°	1290.1	1366.1	1377.0
5°	1382.5	1400.1	1432.9
6°	1439.9	1522.9	1528.4
7°	1522.8	1605.8	1655.5
8°	1618.0	1685.2	1727.8
9°	1677.9	1823.0	1859.0
10°	1802.3	1887.8	1941.9
11°	1855.2	1956.5	1981.0
12°	1938.8	2032.4	2063.7
13°	1970.8	2085.5	2143.6
14°	2041.2	2149.6	2119.1
15°	2094.6	2107.0	2118.6
16°	2094.3	2067.7	2078.1
17°	2071.2	2055.4	2045.9
18°	2016.9	2030.1	2070.4
19°	2007.5	2069.2	2168.6
20°	1975.0	2167.0	2267.4
21°	2002.5	2265.9	2366.1
22°	2089.0	2364.8	2447.3
23°	2171.1	2433.1	2516.2
24°	2253.1	2501.9	2588.5
25°	2335.1	2567.1	2636.7
26°	2389.8	2614.7	2712.0
27°	2443.4	2686.3	2776.6
28°	2489.2	2746.6	2835.5
29°	2531.7	2793.9	2879.9
30°	2581.2	2843.5	2938.0
31°	2622.3	2892.5	2989.5
32°	2648.1	2940.4	3039.7
33°	2682.1	2994.2	3098.4
34°	2718.8	3041.4	3144.6
35°	2754.0	3078.8	3184.7
36°	2788.2	3118.2	3223.3
37°	2815.1	3168.7	3291.0
38°	2838.4	3204.5	3271.8
39°	2866.2	3213.0	3294.2
40°	2881.9	3242.8	3343.7
41°	2896.8	3256.0	3292.0
42°	2924.4	3247.8	3405.0
43°	2931.9	3303.0	3406.2
44°	2933.2	3316.1	3415.6

REPORT NUMBER: P1444937

CATALOG NUMBER: CWP125 (50W-4000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	2960.1	3390.5	3863.2
46°	2971.9	3657.0	3862.2
47°	3029.1	3656.5	3411.6
48°	3154.5	3374.7	3474.4
49°	3152.1	3377.2	3702.4
50°	3091.6	3544.8	3677.7
51°	3117.6	3574.7	3701.4
52°	3104.6	3574.3	3669.4
53°	3109.9	3560.5	3642.2
54°	3173.5	3558.3	3703.9
55°	3185.5	3588.0	3637.9
56°	3195.2	3517.9	3505.7
57°	3208.1	3417.1	3501.0
58°	3177.0	3396.8	3473.6
59°	3131.7	3355.6	3391.5
60°	3083.1	3290.2	3394.8
61°	3037.6	3298.5	3414.5
62°	3004.6	3296.6	3357.6
63°	2983.4	3236.9	3321.1
64°	2964.9	3211.1	3313.0
65°	2929.3	3190.9	3247.3
66°	2896.5	3114.9	3189.9
67°	2858.5	3063.1	3146.2
68°	2797.0	3007.3	3092.2
69°	2739.9	2965.7	3024.7
70°	2686.0	2904.2	3054.0
71°	2627.0	2933.9	2953.5
72°	2608.4	2753.6	2829.0
73°	2523.6	2720.5	2824.0
74°	2432.1	2710.9	2831.7
75°	2411.6	2687.9	2767.7
76°	2370.4	2627.0	2705.0
77°	2320.4	2554.5	2663.0
78°	2263.7	2538.0	2619.1
79°	2223.0	2444.8	2528.6
80°	2141.6	2417.8	2514.5
81°	2100.9	2330.8	2428.9
82°	2040.6	2273.2	2349.8
83°	1953.8	2207.3	2294.7
84°	1909.4	2142.4	2230.6
85°	1854.8	2093.2	2185.1
86°	1797.7	2034.3	2130.3
87°	1738.2	1971.8	2063.1
88°	1680.4	1920.1	2008.4
89°	1618.9	1847.1	1932.6

REPORT NUMBER: P1444937

CATALOG NUMBER: CWP125 (50W-4000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
90°	1570.3	1799.0	1881.2
91°	1516.0	1745.0	1827.5
92°	1470.0	1684.4	1769.1
93°	1433.9	1640.0	1720.3
94°	1409.3	1599.5	1675.5
95°	1396.1	1570.2	1644.0
96°	1371.2	1563.5	1631.5
97°	1340.3	1537.6	1611.1
98°	1310.5	1501.0	1573.8
99°	1284.2	1470.7	1538.2
100°	1260.8	1448.4	1517.4
101°	1237.6	1427.2	1496.1
102°	1211.4	1408.1	1477.9
103°	1183.3	1379.3	1453.7
104°	1156.1	1351.7	1422.5
105°	1128.9	1324.7	1396.8
106°	1100.0	1296.1	1369.7
107°	1071.8	1266.4	1340.7
108°	1043.7	1236.4	1310.9
109°	1015.5	1205.9	1279.2
110°	985.9	1173.7	1247.1
111°	956.8	1142.7	1215.2
112°	928.0	1112.2	1183.1
113°	898.7	1077.6	1151.2
114°	869.3	1049.3	1119.6
115°	841.1	1021.1	1088.2
116°	813.2	993.0	1058.1
117°	784.1	962.4	1028.0
118°	755.8	931.7	998.0
119°	728.2	900.4	966.8
120°	701.1	869.5	935.1
121°	674.0	839.0	903.3
122°	646.9	809.2	871.7
123°	620.7	779.9	842.1
124°	595.1	750.5	811.9
125°	569.5	721.8	780.4
126°	543.6	693.7	750.5
127°	518.3	664.7	721.2
128°	492.8	636.6	691.5
129°	468.3	608.5	661.1
130°	443.3	580.2	632.6
131°	418.6	552.0	603.8
132°	393.9	524.7	575.6
133°	370.1	498.0	547.4
134°	346.8	472.2	520.4

REPORT NUMBER: P1444937

CATALOG NUMBER: CWP125 (50W-4000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
135°	324.0	446.1	493.6
136°	301.4	419.9	466.3
137°	280.4	395.3	440.3
138°	260.4	370.3	414.0
139°	241.4	344.8	387.6
140°	222.8	319.1	361.3
141°	204.2	293.8	335.4
142°	186.4	268.8	309.1
143°	169.6	243.9	283.0
144°	153.6	219.1	256.8
145°	138.7	194.6	230.8
146°	124.7	171.9	205.1
147°	112.3	151.1	179.5
148°	104.0	131.0	151.6
149°	95.9	113.3	125.7
150°	87.8	105.4	107.6
151°	83.2	97.6	101.8
152°	78.5	89.7	96.3
153°	73.7	84.5	90.4
154°	69.0	79.4	84.6
155°	64.2	74.4	79.2
156°	59.5	69.3	73.8
157°	54.7	64.1	68.4
158°	50.2	59.1	63.0
159°	46.1	54.6	58.1
160°	42.5	50.2	53.7
161°	39.0	46.3	49.4
162°	35.5	42.7	45.5
163°	32.0	39.1	41.9
164°	28.9	35.4	38.0
165°	25.7	31.8	34.2
166°	22.6	28.4	30.7
167°	19.4	24.9	27.1
168°	16.2	21.2	23.3
169°	13.1	17.5	19.4
170°	10.2	14.0	15.7
171°	7.3	10.7	12.0
172°	4.4	7.4	8.5
173°	1.9	4.2	5.1
174°	1.2	1.5	2.1
175°	1.2	1.1	1.1
176°	1.3	1.2	1.1
177°	1.3	1.2	1.2
178°	1.3	1.2	1.2
179°	1.4	1.3	1.2

REPORT NUMBER: P1444937

CATALOG NUMBER: CWP125 (50W-4000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	1.2	1.2	1.2

(END OF REPORT)