

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: P1444931

Luminaire Tested: CWP125 (100W-4000K)

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2024
Report Number: P1444931
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 (100W-4000K)
Description: COMPACT WALL PACK, 125W
SET TO 100W, 4000K CCT
Light Source: 3000K/5000K CCT, 80 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13971.4 lumens
Efficiency: N/A
Efficacy: 149.9 lumens/watt
Luminous Opening: Point Source (0m x 0m x 0m)
IES Classification: Type IV - Short
BUG Rating: B1 - U5 - G5

Input Watts (W): 93.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



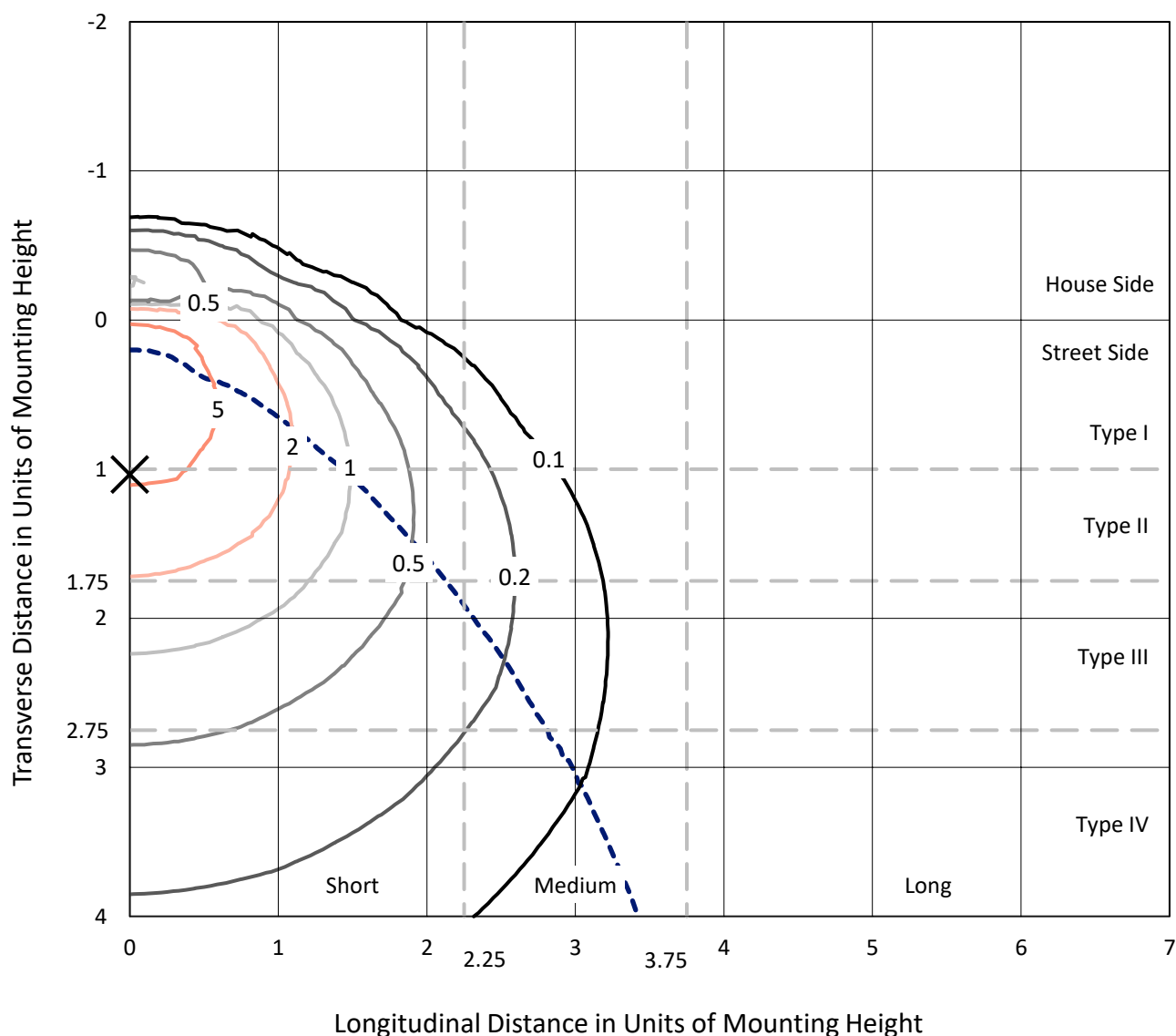
REPORT NUMBER: P1444931

CATALOG NUMBER: CWP125 (100W-4000K)

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



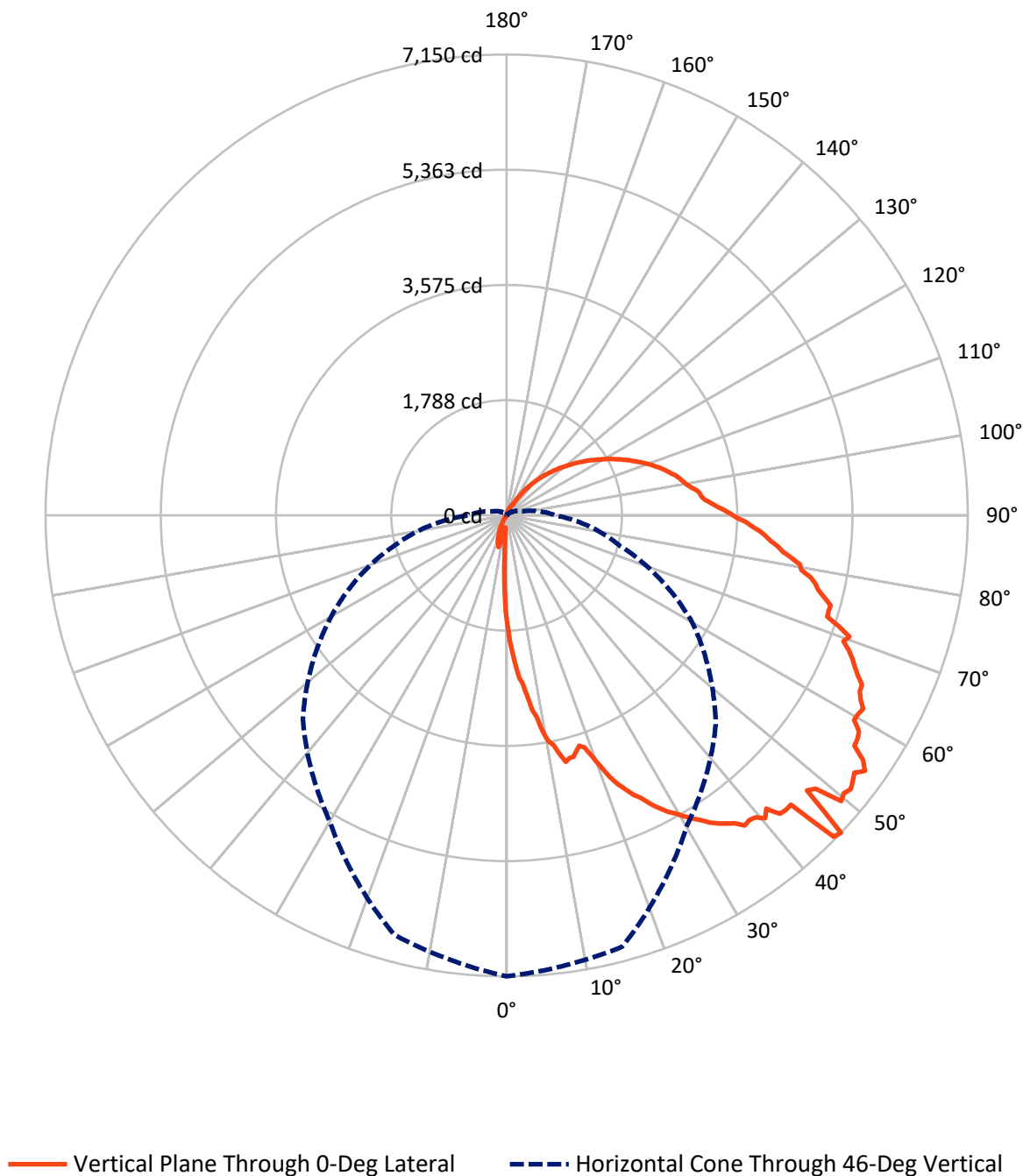
Based on 20 foot mounting height. Maximum calculated value = 9.1 fc

Type IV - Short - N/A

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CATALOG NUMBER: CWP125 (100W-4000K)

Luminous Intensity Polar Plot



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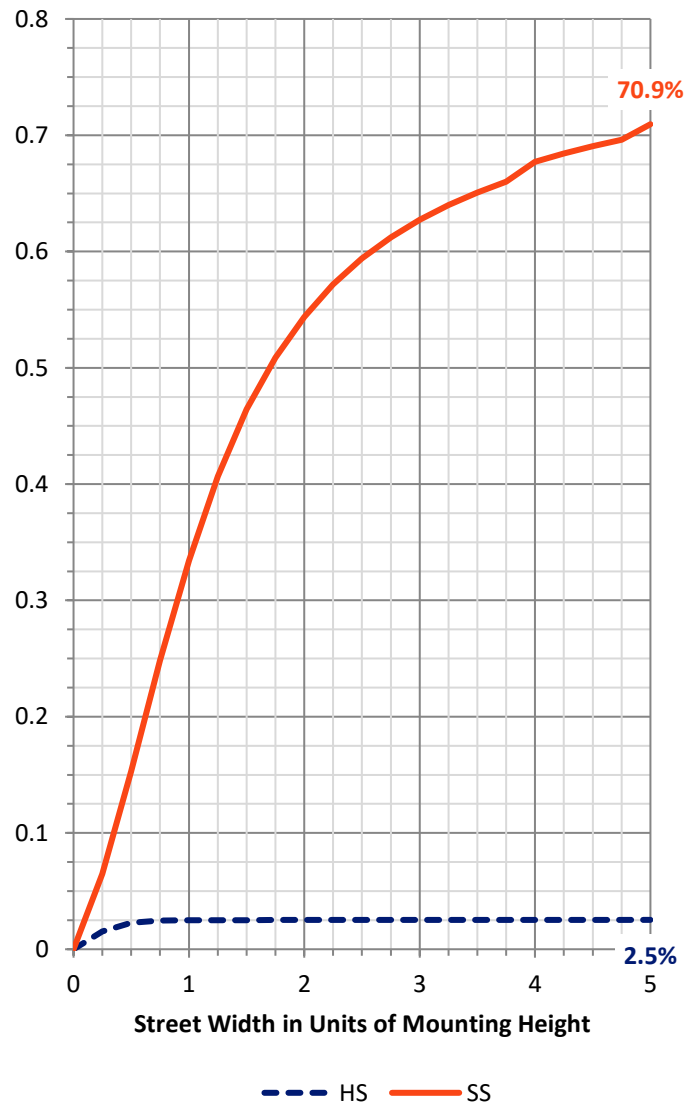
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	357.7	13.2	370.9
	% Fixture	2.6	0.1	2.7
Street Side	Lumens	10855.5	2745.0	13600.5
	% Fixture	77.7	19.6	97.3
Total	Lumens	11213.2	2758.3	13971.4
	% Fixture	80.3	19.7	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	151.3	1.1
10°-20°	508.0	3.6
20°-30°	906.9	6.5
30°-40°	1324.0	9.5
40°-50°	1670.3	12.0
50°-60°	1890.2	13.5
60°-70°	1866.1	13.4
70°-80°	1628.1	11.7
80°-90°	1268.2	9.1
90°-100°	952.3	6.8
100°-110°	733.8	5.3
110°-120°	508.1	3.6
120°-130°	312.5	2.2
130°-140°	162.9	1.2
140°-150°	62.7	0.4
150°-160°	20.2	0.1
160°-170°	5.4	0.0
170°-180°	0.4	0.0
0°-90°	11213.2	80.3
0°-180°	13971.4	100.0

Coefficient of Utilization



REPORT NUMBER: P1444931

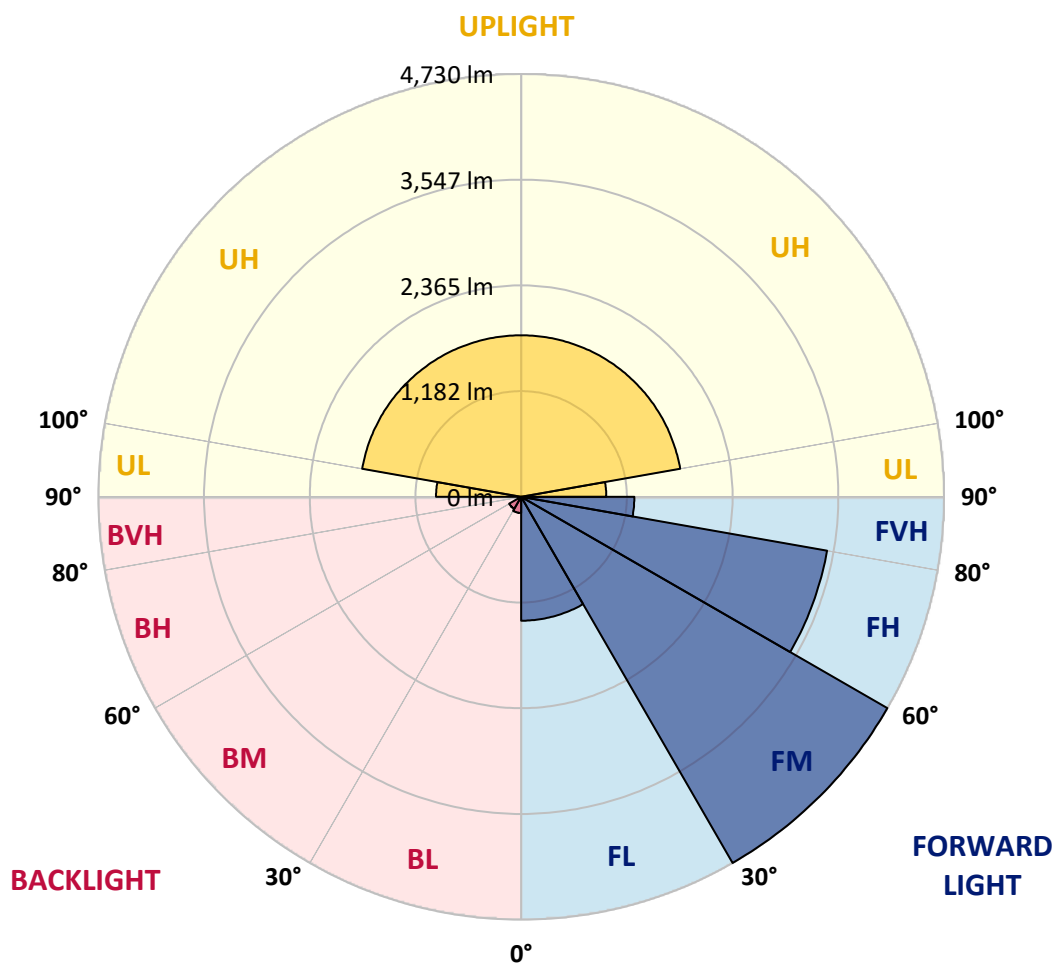
CATALOG NUMBER: CWP125 (100W-4000K)

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1385.7	9.9			
FM	(30°-60°)	4729.7	33.9			
FH	(60°-80°)	3474.3	24.9			G2/5000
FVH	(80°-90°)	1265.8	9.1			G5
BL	(0°-30°)	180.6	1.3	B1/500		
BM	(30°-60°)	154.8	1.1	B0/220		
BH	(60°-80°)	19.9	0.1	B0/110		G0/110
BVH	(80°-90°)	2.4	0.0			G0/10
UL	(90°-100°)	952.3	6.8		U4/1000	
UH	(100°-180°)	1806.0	12.9		U5	

BUG Rating: B1-U5-G5

Type IV Short



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CATALOG NUMBER: CWP125 (100W-4000K)

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7
1°	1953.4	1957.3	1949.2	1916.6	1861.2	1791.4	1704.2	1670.9	1619.7	1559.1	1509.8
2°	2147.2	2147.0	2110.7	2004.1	1968.7	1870.7	1705.6	1609.2	1442.9	1307.3	1210.7
3°	2340.4	2336.3	2270.2	2157.0	2022.1	1943.5	1704.1	1524.5	1275.5	1058.3	892.2
4°	2533.7	2525.5	2429.6	2312.1	2123.5	1967.7	1697.7	1426.5	1107.2	815.0	625.3
5°	2626.8	2600.2	2551.8	2467.1	2226.0	1992.9	1701.6	1344.0	915.7	592.8	308.6
6°	2810.2	2805.8	2730.9	2542.7	2328.5	2039.8	1694.3	1255.3	763.4	325.5	222.7
7°	3037.7	2985.7	2817.1	2660.9	2463.6	2113.0	1684.4	1159.5	595.5	231.4	202.8
8°	3164.0	3122.8	3036.4	2784.5	2521.1	2164.3	1680.0	1071.7	402.5	209.1	194.3
9°	3409.0	3381.0	3140.2	2883.5	2539.2	2214.9	1664.1	967.9	272.4	197.2	199.9
10°	3561.7	3506.2	3367.0	3042.2	2654.6	2231.5	1650.6	873.0	226.3	193.5	209.6
11°	3633.9	3606.7	3479.1	3123.4	2710.3	2250.5	1638.1	782.9	209.5	198.5	223.1
12°	3789.9	3746.2	3577.9	3300.2	2737.3	2290.2	1617.6	694.6	197.5	206.9	243.6
13°	3929.6	3857.8	3703.0	3364.0	2850.1	2331.7	1599.4	606.4	189.3	218.5	268.5
14°	3888.6	3923.5	3783.0	3467.3	2902.0	2343.2	1575.2	511.8	186.2	234.7	312.7
15°	3885.3	3871.8	3889.4	3518.6	2941.7	2319.3	1554.9	424.2	187.3	255.8	379.3
16°	3809.1	3798.8	3812.8	3619.8	3057.7	2308.5	1534.8	342.2	193.5	283.6	435.4
17°	3748.8	3762.6	3791.0	3662.4	3104.2	2318.1	1514.0	278.9	202.2	319.0	461.3
18°	3792.0	3735.5	3717.5	3730.7	3143.4	2355.5	1498.4	234.1	216.1	352.1	467.4
19°	3957.5	3828.8	3672.6	3660.6	3198.2	2380.8	1474.8	204.4	231.7	377.6	452.4
20°	4157.4	4031.6	3651.3	3621.1	3203.7	2374.5	1462.5	187.5	249.0	394.4	436.1
21°	4360.1	4236.7	3764.7	3528.9	3255.6	2373.6	1439.3	176.1	270.0	402.1	415.1
22°	4512.0	4406.9	3945.2	3497.2	3278.5	2390.2	1423.2	168.8	291.2	404.4	392.6
23°	4639.0	4538.1	4128.9	3427.3	3282.4	2426.1	1397.6	164.4	308.4	403.4	367.8
24°	4768.6	4651.0	4268.7	3432.1	3305.6	2441.0	1382.5	163.1	323.9	394.6	344.2
25°	4861.6	4754.8	4382.3	3521.4	3261.9	2441.8	1358.5	164.5	332.3	378.1	318.7
26°	4999.9	4869.8	4487.1	3647.1	3172.8	2445.4	1336.3	168.8	336.9	358.8	292.5
27°	5119.7	4989.5	4580.3	3778.5	3149.9	2469.8	1323.2	175.4	338.5	340.7	271.3
28°	5229.0	5104.6	4662.0	3885.2	3063.8	2493.8	1296.5	184.4	336.5	317.2	247.7
29°	5311.6	5190.4	4756.9	3964.9	3026.2	2501.3	1280.5	196.1	333.7	296.8	224.0
30°	5417.7	5280.5	4841.0	4026.6	2974.4	2499.7	1259.2	209.9	328.1	279.7	200.4
31°	5514.5	5380.8	4908.2	4080.7	2938.2	2503.2	1246.4	224.5	319.8	259.1	180.5
32°	5603.0	5464.2	4981.1	4129.0	2945.1	2486.3	1220.9	238.8	308.9	238.6	158.0
33°	5715.5	5561.3	5046.2	4178.9	3003.0	2471.8	1198.4	251.3	299.4	218.0	136.8
34°	5799.1	5646.9	5115.8	4229.1	3069.1	2444.4	1168.6	261.6	288.4	197.8	116.0
35°	5873.3	5732.1	5184.8	4270.5	3146.3	2429.6	1144.1	270.1	275.2	180.0	98.6
36°	5940.3	5791.3	5248.7	4313.1	3204.0	2393.2	1110.2	276.6	262.0	163.2	81.8
37°	6065.1	5883.2	5295.6	4351.3	3249.2	2361.5	1076.7	281.7	247.8	146.4	68.8
38°	6040.0	5950.8	5339.1	4397.9	3269.4	2330.5	1040.2	285.3	233.6	129.6	58.5
39°	6069.1	5945.7	5393.7	4438.8	3283.5	2295.5	1000.9	286.2	219.4	113.5	50.2
40°	6177.8	6016.6	5416.8	4475.6	3295.5	2245.1	964.7	285.6	205.7	99.0	43.4
41°	6076.1	6010.2	5462.3	4503.1	3301.9	2172.1	925.9	282.1	192.5	85.5	35.1
42°	6278.3	6035.7	5497.9	4534.5	3313.5	2099.6	890.9	276.8	179.2	72.5	29.3
43°	6294.3	6146.0	5488.1	4553.6	3321.4	2027.7	855.2	269.0	165.7	61.7	20.1
44°	6290.6	6100.5	5531.1	4578.9	3324.4	1955.8	820.1	260.2	152.0	53.5	10.9

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CATALOG NUMBER: CWP125 (100W-4000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	7110.9	6424.5	5561.8	4591.5	3327.5	1881.1	788.6	248.8	138.2	46.1	1.9
46°	7150.3	6927.0	5577.3	4585.8	3325.8	1820.7	754.1	237.4	125.2	38.8	1.3
47°	6315.8	6617.0	5830.7	4600.5	3318.6	1748.6	727.5	226.0	112.7	30.6	1.3
48°	6402.0	6148.5	5990.0	4602.7	3309.5	1698.0	697.0	213.4	100.0	23.5	1.4
49°	6821.3	6365.2	5851.1	4607.0	3290.1	1669.7	669.8	200.2	86.4	16.5	1.4
50°	6777.7	6606.6	5784.4	4706.5	3266.9	1655.1	644.1	187.6	73.5	9.4	1.5
51°	6821.8	6604.4	5810.6	4760.7	3244.1	1648.8	618.4	174.5	62.6	1.4	1.6
52°	6766.7	6636.7	5805.3	4677.6	3222.3	1640.7	592.6	162.6	52.8	1.2	1.7
53°	6711.6	6573.2	5915.1	4607.1	3204.6	1627.0	564.1	150.9	43.7	1.3	1.7
54°	6826.2	6582.3	5981.2	4645.7	3207.4	1597.6	535.8	139.6	35.6	1.3	1.8
55°	6705.7	6626.2	5964.2	4670.9	3205.2	1563.3	510.8	128.8	28.4	1.4	1.9
56°	6465.7	6433.6	5991.3	4684.4	3147.3	1519.6	486.5	119.0	21.2	1.5	1.9
57°	6453.8	6283.3	5986.6	4690.7	3090.3	1476.1	459.5	109.4	14.0	1.5	2.0
58°	6406.1	6275.1	5887.6	4667.9	3061.6	1433.0	434.7	100.1	9.4	1.6	2.1
59°	6254.5	6161.1	5791.6	4704.0	3047.9	1385.1	411.0	91.4	5.6	1.7	2.2
60°	6259.8	6069.7	5716.4	4710.5	3017.5	1336.2	388.8	83.2	1.8	1.7	2.3
61°	6291.4	6116.1	5629.1	4650.6	2984.9	1292.1	363.9	75.7	1.2	1.8	2.4
62°	6189.2	6064.0	5571.5	4607.3	2950.1	1246.3	339.5	68.4	1.2	1.9	2.5
63°	6120.6	5972.5	5554.1	4561.8	2920.7	1209.6	317.9	61.5	1.2	2.0	2.6
64°	6107.4	5940.9	5509.7	4492.2	2870.8	1171.4	296.2	54.9	1.3	2.0	2.7
65°	5986.0	5884.9	5440.8	4439.7	2813.3	1129.6	275.7	48.1	1.3	2.1	2.8
66°	5886.1	5742.0	5392.3	4400.1	2757.4	1089.2	256.6	40.4	1.4	2.2	2.9
67°	5803.1	5673.8	5299.3	4350.9	2701.2	1049.6	237.5	32.9	1.4	2.3	3.0
68°	5701.3	5548.8	5187.5	4304.4	2646.0	1010.1	218.5	26.4	1.5	2.4	3.1
69°	5576.8	5464.6	5078.6	4240.7	2598.4	970.6	201.6	19.9	1.5	2.4	3.2
70°	5639.9	5393.3	4976.5	4159.3	2546.0	933.5	184.2	13.5	1.6	2.5	3.3
71°	5437.8	5406.3	4883.0	4068.9	2495.1	897.5	167.4	8.4	1.6	2.6	3.4
72°	5213.3	5039.5	4889.3	3972.1	2432.3	865.8	151.2	4.3	1.7	2.7	3.5
73°	5208.7	5054.3	4598.8	3906.0	2365.9	833.1	135.1	2.3	1.7	2.8	3.6
74°	5214.8	5024.5	4554.2	3807.3	2295.6	801.9	120.1	1.7	1.8	2.8	3.7
75°	5087.8	4949.0	4487.6	3684.5	2234.7	769.7	105.6	1.4	1.8	2.9	3.8
76°	4974.0	4837.2	4420.6	3592.8	2157.8	736.5	91.6	1.2	1.9	3.0	3.9
77°	4902.9	4725.2	4310.1	3523.0	2077.0	705.5	79.0	1.1	2.0	3.1	4.0
78°	4812.0	4671.0	4219.1	3439.8	2016.6	669.2	66.8	1.1	2.0	3.2	4.1
79°	4646.9	4493.7	4116.9	3356.0	1946.4	641.8	56.2	1.1	2.1	3.3	4.2
80°	4614.1	4478.1	3985.9	3254.8	1890.7	613.3	46.0	1.1	2.1	3.3	4.3
81°	4468.0	4297.6	3870.1	3161.2	1814.8	587.7	36.9	1.1	2.2	3.4	4.4
82°	4322.1	4176.2	3794.8	3032.8	1754.8	561.1	30.1	1.1	2.2	3.5	4.5
83°	4228.9	4078.9	3645.0	2937.2	1675.4	533.9	23.3	1.1	2.3	3.5	4.6
84°	4110.4	3958.6	3554.3	2840.6	1603.6	509.6	16.6	1.2	2.3	3.6	4.6
85°	4026.1	3868.4	3454.8	2744.7	1540.4	486.5	12.3	1.2	2.4	3.6	4.7
86°	3926.7	3769.0	3356.4	2655.0	1475.6	464.4	8.9	1.2	2.4	3.7	4.7
87°	3801.0	3646.0	3244.3	2555.9	1413.4	444.0	6.3	1.3	2.5	3.8	4.8
88°	3697.7	3550.3	3142.4	2457.4	1358.1	427.0	4.5	1.3	2.6	3.9	4.9
89°	3558.6	3415.8	3033.2	2373.5	1309.8	414.5	3.2	1.3	2.6	3.9	5.0

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CATALOG NUMBER: CWP125 (100W-4000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	3465.2	3328.2	2939.6	2289.2	1270.3	406.7	2.6	1.4	2.7	4.0	5.1
91°	3367.2	3229.1	2843.4	2216.7	1239.7	400.6	2.1	1.4	2.7	4.1	5.2
92°	3259.7	3116.5	2753.9	2166.2	1216.1	391.2	1.8	1.5	2.8	4.1	5.2
93°	3172.9	3042.2	2684.3	2131.1	1184.5	378.0	1.6	1.5	2.8	4.2	5.3
94°	3088.9	2965.6	2640.2	2102.8	1150.6	362.4	1.4	1.5	2.9	4.2	5.4
95°	3034.5	2918.1	2619.2	2057.5	1114.4	348.1	1.3	1.6	2.9	4.3	5.4
96°	3016.9	2906.3	2571.8	2006.9	1077.2	333.6	1.2	1.6	3.0	4.3	5.5
97°	2973.7	2855.6	2515.7	1954.5	1041.4	319.6	1.1	1.6	3.0	4.4	5.6
98°	2904.2	2787.5	2461.1	1905.8	1005.7	305.6	1.0	1.7	3.0	4.4	5.6
99°	2842.3	2731.2	2417.3	1860.9	971.0	291.8	0.9	1.7	3.1	4.5	5.7
100°	2803.6	2691.7	2376.0	1814.3	936.0	278.9	0.9	1.7	3.1	4.5	5.7
101°	2762.7	2653.6	2333.7	1764.1	901.8	266.3	0.8	1.8	3.2	4.5	5.7
102°	2728.2	2619.4	2284.4	1715.8	869.2	254.6	0.8	1.8	3.2	4.6	5.8
103°	2680.1	2564.3	2233.7	1666.0	837.0	243.1	0.8	1.8	3.2	4.6	5.8
104°	2625.0	2510.6	2185.3	1614.3	805.1	232.0	0.8	1.9	3.3	4.6	5.8
105°	2577.8	2462.3	2133.9	1564.3	774.5	222.1	0.8	1.9	3.3	4.6	5.8
106°	2527.6	2412.1	2080.6	1514.6	745.4	212.5	0.8	1.9	3.3	4.6	5.8
107°	2473.1	2357.9	2025.5	1465.2	717.4	202.4	0.8	1.9	3.3	4.6	5.8
108°	2417.3	2303.4	1969.2	1415.9	690.0	192.3	0.8	1.9	3.3	4.6	5.8
109°	2360.2	2245.8	1913.8	1365.8	662.6	183.5	0.9	1.9	3.3	4.6	5.8
110°	2301.3	2187.7	1858.6	1318.1	634.4	175.2	0.9	2.0	3.3	4.6	5.8
111°	2240.8	2128.8	1805.2	1269.3	607.1	166.8	0.9	2.0	3.3	4.6	5.8
112°	2182.1	2071.0	1752.1	1222.2	580.9	158.4	0.9	2.0	3.3	4.6	5.7
113°	2124.0	2013.1	1699.0	1174.8	554.4	150.0	0.9	2.0	3.2	4.5	5.6
114°	2066.4	1956.9	1645.4	1127.9	528.6	142.6	0.9	2.0	3.2	4.4	5.5
115°	2007.8	1901.1	1593.3	1082.3	503.6	135.2	0.9	2.0	3.2	4.4	5.5
116°	1949.2	1843.9	1542.0	1039.5	478.4	129.0	0.9	2.0	3.2	4.4	5.4
117°	1889.8	1787.0	1488.2	996.8	453.0	122.2	1.0	2.0	3.2	4.3	5.4
118°	1832.3	1730.5	1435.8	954.0	428.9	114.7	1.0	2.0	3.2	4.3	5.3
119°	1776.1	1674.3	1385.1	911.0	407.1	108.2	1.0	2.0	3.2	4.3	5.3
120°	1716.5	1616.8	1336.2	869.0	387.6	102.9	1.0	2.0	3.2	4.3	5.3
121°	1657.4	1560.8	1285.6	827.2	368.3	97.6	1.0	2.0	3.2	4.3	5.3
122°	1600.6	1506.1	1235.3	787.0	348.8	92.3	1.0	2.0	3.2	4.3	5.3
123°	1545.3	1452.9	1185.8	748.1	331.0	88.2	1.1	2.0	3.2	4.2	5.2
124°	1490.0	1398.7	1137.8	712.6	315.9	85.8	1.1	2.1	3.2	4.3	5.2
125°	1432.7	1345.4	1091.3	677.9	303.6	85.2	1.1	2.1	3.2	4.3	5.2
126°	1378.7	1293.0	1045.7	642.3	293.8	84.6	1.1	2.1	3.2	4.3	5.2
127°	1325.5	1240.0	1000.1	606.3	280.4	83.1	1.2	2.1	3.2	4.3	5.2
128°	1269.0	1187.5	954.6	573.0	263.7	81.1	1.2	2.2	3.2	4.3	5.2
129°	1213.7	1136.3	907.5	540.2	247.5	78.0	1.3	2.2	3.3	4.4	5.2
130°	1162.5	1084.9	860.2	509.0	231.7	74.0	1.3	2.2	3.3	4.4	5.2
131°	1109.7	1035.8	813.6	479.1	217.6	69.9	1.3	2.2	3.3	4.4	5.2
132°	1059.8	986.7	767.8	449.7	205.1	65.9	1.4	2.3	3.3	4.4	5.2
133°	1009.9	937.6	723.6	421.8	193.2	62.3	1.4	2.3	3.3	4.4	5.2
134°	959.9	889.3	680.3	393.0	182.3	58.6	1.5	2.3	3.4	4.4	5.2

REPORT NUMBER: P1444931

CATALOG NUMBER: CWP125 (100W-4000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
135°	909.8	840.7	638.3	366.2	171.5	54.8	1.5	2.4	3.4	4.4	5.2
136°	860.6	793.3	596.1	341.3	160.2	51.2	1.6	2.4	3.4	4.4	5.2
137°	811.7	747.4	555.9	318.7	149.5	48.1	1.6	2.5	3.4	4.4	5.2
138°	762.6	700.7	516.9	297.5	140.1	45.3	1.7	2.5	3.4	4.4	5.2
139°	715.2	653.9	477.9	276.9	131.5	42.6	1.7	2.5	3.5	4.4	5.2
140°	666.8	606.9	440.9	257.2	123.8	40.2	1.8	2.6	3.5	4.4	5.2
141°	618.7	560.6	404.2	237.4	116.2	38.1	1.9	2.6	3.5	4.4	5.1
142°	570.5	514.4	368.6	218.9	109.4	35.5	1.9	2.7	3.5	4.4	5.1
143°	521.2	468.5	334.4	201.3	104.7	32.9	2.0	2.7	3.5	4.4	5.1
144°	472.6	422.5	302.2	185.2	100.2	30.7	2.1	2.8	3.6	4.4	5.1
145°	426.1	376.9	271.6	170.1	95.6	29.0	2.1	2.8	3.6	4.3	5.0
146°	377.7	332.2	243.7	157.6	91.4	27.4	2.2	2.9	3.6	4.3	5.0
147°	330.5	290.7	218.2	148.5	87.3	25.9	2.3	2.9	3.6	4.3	5.0
148°	280.8	250.7	195.8	141.9	83.3	24.4	2.4	2.9	3.6	4.3	4.9
149°	233.1	215.9	178.6	136.5	79.6	23.1	2.4	3.0	3.6	4.2	4.8
150°	199.0	190.7	166.9	130.9	76.1	21.9	2.5	3.0	3.6	4.2	4.8
151°	186.6	177.9	158.6	124.8	72.1	20.7	2.5	3.0	3.6	4.1	4.7
152°	178.2	169.4	150.2	118.0	68.1	19.2	2.6	3.1	3.6	4.1	4.6
153°	167.3	159.7	140.9	110.5	63.8	17.6	2.7	3.1	3.6	4.0	4.5
154°	156.7	149.9	132.0	102.9	59.2	15.6	2.7	3.1	3.5	4.0	4.4
155°	146.7	140.6	123.3	95.3	54.9	13.5	2.8	3.1	3.5	3.9	4.3
156°	136.6	131.2	114.9	87.7	51.0	11.7	2.8	3.1	3.5	3.8	4.2
157°	126.4	121.6	106.4	81.2	47.3	10.0	2.9	3.2	3.5	3.8	4.1
158°	116.7	112.2	97.9	74.6	43.3	8.4	2.9	3.2	3.5	3.7	4.0
159°	107.8	104.0	89.5	68.4	39.1	6.9	3.0	3.2	3.5	3.7	3.9
160°	99.9	95.9	82.3	62.3	34.8	5.1	3.0	3.2	3.5	3.6	3.8
161°	92.1	87.7	75.9	56.8	30.8	3.6	3.1	3.2	3.4	3.6	3.7
162°	84.2	80.8	69.6	51.5	26.9	2.9	3.1	3.2	3.4	3.5	3.6
163°	77.4	74.2	63.4	46.4	23.2	2.8	3.2	3.2	3.4	3.5	3.5
164°	70.4	67.3	57.2	41.3	19.9	2.9	3.2	3.2	3.4	3.5	3.4
165°	63.4	60.6	51.3	36.4	16.9	2.9	3.2	3.3	3.4	3.4	3.4
166°	56.8	54.4	45.6	31.6	14.0	3.0	3.2	3.3	3.4	3.4	3.3
167°	50.2	48.0	39.7	26.8	11.1	3.1	3.2	3.3	3.3	3.3	3.2
168°	43.3	41.3	33.8	22.1	8.0	3.1	3.3	3.3	3.3	3.3	3.2
169°	36.2	34.5	27.9	17.4	4.9	3.1	3.3	3.3	3.3	3.3	3.1
170°	29.1	27.8	22.1	13.0	2.9	3.0	3.3	3.3	3.3	3.2	3.1
171°	22.2	21.1	16.2	9.5	2.8	2.9	3.3	3.3	3.3	3.2	3.1
172°	15.6	14.7	10.9	6.1	2.7	2.9	3.3	3.3	3.3	3.2	3.0
173°	11.1	10.5	6.6	2.6	2.8	3.0	3.3	3.3	3.3	3.2	3.0
174°	6.6	6.4	2.4	2.6	2.8	3.0	3.3	3.3	3.2	3.1	3.0
175°	2.2	2.3	2.3	2.6	2.8	3.0	3.3	3.3	3.2	3.1	2.9
176°	2.1	2.2	2.4	2.6	2.8	3.0	3.3	3.3	3.2	3.1	2.9
177°	2.2	2.2	2.3	2.6	2.8	2.9	3.3	3.3	3.2	3.1	2.9
178°	2.2	2.2	2.3	2.5	2.7	2.8	3.3	3.3	3.2	3.0	2.9
179°	2.2	2.2	2.3	2.5	2.6	2.8	3.3	3.3	3.2	3.0	2.8



REPORT NUMBER: P1444931
CATALOG NUMBER: CWP125 (100W-4000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
180°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3

REPORT NUMBER: P1444931

CATALOG NUMBER: CWP125 (100W-4000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7	1716.7
1°	1488.2	1483.8	1514.0	1559.2	1620.3	1668.7	1703.2	1697.3	1723.3	1770.3	1840.9
2°	1155.6	1142.6	1174.0	1250.0	1364.9	1520.3	1669.9	1701.2	1767.2	1919.0	1984.6
3°	810.1	791.5	820.7	922.7	1120.3	1331.6	1593.7	1690.9	1828.2	1982.2	2109.5
4°	473.5	430.3	491.6	657.3	849.2	1158.4	1493.0	1694.6	1911.8	2045.7	2233.9
5°	239.9	231.0	242.0	326.2	628.3	956.0	1386.8	1682.0	1950.3	2160.8	2358.3
6°	207.6	203.7	207.2	222.8	350.6	788.3	1295.9	1683.9	1978.1	2277.4	2535.4
7°	194.9	193.4	194.1	202.2	232.8	622.2	1200.2	1668.1	1991.2	2330.7	2548.9
8°	198.8	200.9	198.3	193.7	209.5	421.0	1090.6	1659.9	2017.0	2459.8	2744.6
9°	209.8	213.0	209.3	199.2	196.9	276.0	981.3	1647.6	2087.7	2507.4	2789.5
10°	225.4	230.3	225.2	209.4	193.1	225.8	873.4	1625.5	2122.2	2520.9	2960.3
11°	243.1	245.6	241.4	223.4	199.2	208.4	785.0	1610.2	2156.5	2629.0	3036.9
12°	268.9	276.5	264.2	241.9	207.2	196.9	689.8	1579.6	2190.8	2699.1	3193.0
13°	331.4	372.6	327.2	267.4	218.7	189.5	582.7	1558.4	2196.6	2702.2	3307.3
14°	441.4	484.6	440.3	313.2	237.0	187.2	477.9	1524.9	2211.1	2800.3	3381.1
15°	492.7	505.5	503.1	384.8	260.7	189.6	377.3	1494.4	2235.2	2875.8	3472.3
16°	494.0	469.6	488.3	451.7	291.0	195.7	299.0	1464.5	2253.1	2865.0	3507.1
17°	461.6	451.4	462.3	474.8	325.6	205.5	245.1	1430.8	2261.6	2963.6	3598.7
18°	451.2	446.9	450.6	475.7	361.4	219.1	211.0	1409.0	2244.5	3051.3	3634.4
19°	441.9	432.7	443.7	456.0	391.1	236.4	192.4	1377.1	2233.2	3049.3	3696.2
20°	419.8	399.8	421.3	441.3	410.5	255.9	181.2	1353.3	2234.2	3113.6	3594.1
21°	387.2	362.3	385.9	421.3	415.7	277.2	174.1	1319.5	2264.0	3144.9	3574.4
22°	355.4	339.5	355.3	395.2	415.6	299.6	169.1	1293.1	2272.6	3128.1	3469.4
23°	330.9	310.8	330.8	371.0	410.2	317.8	166.9	1263.0	2274.6	3185.4	3450.5
24°	305.6	289.3	303.6	343.6	399.7	330.7	167.4	1231.7	2262.3	3192.9	3373.3
25°	281.6	265.5	285.0	320.1	383.1	339.4	171.4	1206.4	2264.2	3172.5	3387.7
26°	260.5	242.5	262.8	292.9	360.0	343.3	177.7	1181.7	2281.4	3203.6	3467.6
27°	239.4	219.6	240.7	271.5	337.2	343.7	186.4	1150.2	2292.5	3127.9	3592.9
28°	218.2	196.5	218.5	248.9	315.5	340.8	197.9	1129.7	2294.9	3060.5	3716.9
29°	193.2	169.4	193.4	226.2	294.1	336.3	211.8	1097.9	2299.8	3024.8	3819.9
30°	166.6	146.5	164.7	203.7	275.1	328.3	227.7	1077.6	2310.3	2941.2	3893.3
31°	139.4	125.0	137.7	183.5	254.3	321.4	242.8	1050.5	2325.2	2926.4	3944.2
32°	118.4	97.9	117.8	159.5	233.6	310.2	257.3	1028.9	2327.0	2858.3	3991.4
33°	99.8	79.6	97.9	136.0	212.9	298.3	270.0	1002.2	2323.8	2838.9	4034.2
34°	83.6	66.0	81.0	114.2	192.9	285.4	281.0	974.1	2317.3	2855.1	4074.6
35°	66.8	60.6	64.1	95.5	175.4	271.8	289.7	942.6	2305.7	2911.8	4121.9
36°	57.4	49.7	56.6	79.0	158.2	258.1	295.7	911.4	2275.7	2971.4	4169.4
37°	48.0	40.4	46.2	67.6	142.6	243.5	298.8	879.4	2232.5	3038.2	4214.8
38°	38.8	29.3	38.0	56.9	125.6	228.9	299.4	842.7	2199.9	3092.5	4253.8
39°	29.5	18.1	27.4	49.1	109.1	214.3	297.7	804.7	2167.7	3127.2	4291.3
40°	20.1	7.0	16.8	40.5	92.7	200.5	293.2	769.1	2129.1	3139.7	4326.2
41°	10.7	1.3	6.2	32.0	78.9	187.4	286.4	732.9	2073.7	3147.1	4361.1
42°	1.4	1.3	1.3	23.2	67.1	173.6	278.1	698.7	2031.6	3152.5	4401.2
43°	1.3	1.4	1.4	14.5	58.4	159.7	269.1	665.5	1984.5	3148.6	4425.0
44°	1.4	1.4	1.4	5.8	50.1	146.2	258.0	636.1	1930.5	3145.0	4439.8

REPORT NUMBER: P1444931

CATALOG NUMBER: CWP125 (100W-4000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	1.4	1.5	1.5	1.4	41.8	132.9	244.7	606.6	1860.2	3143.9	4464.5
46°	1.5	1.6	1.6	1.4	33.9	119.9	231.4	582.3	1799.8	3142.1	4468.0
47°	1.6	1.7	1.6	1.5	27.6	105.5	218.2	557.6	1728.6	3132.7	4456.5
48°	1.6	1.8	1.7	1.5	19.1	90.9	204.2	532.4	1651.8	3120.7	4461.4
49°	1.7	1.8	1.8	1.6	10.7	77.6	190.9	511.8	1586.6	3110.3	4464.4
50°	1.8	1.9	1.9	1.7	2.3	65.5	177.8	488.4	1528.3	3095.2	4483.1
51°	1.9	2.0	2.0	1.7	1.4	54.6	165.2	469.0	1457.1	3067.8	4550.4
52°	2.0	2.1	2.0	1.8	1.5	45.6	153.4	446.3	1406.9	3044.1	4566.5
53°	2.0	2.2	2.1	1.9	1.5	36.8	141.9	424.9	1377.5	3020.7	4498.1
54°	2.1	2.3	2.2	2.0	1.6	29.7	130.8	406.1	1354.7	3000.7	4467.5
55°	2.2	2.3	2.3	2.0	1.6	22.5	120.2	384.2	1337.4	2987.4	4486.9
56°	2.3	2.4	2.4	2.1	1.7	15.5	110.4	364.6	1323.5	2963.9	4504.7
57°	2.4	2.5	2.5	2.2	1.7	11.4	101.0	345.4	1300.6	2912.9	4501.0
58°	2.5	2.6	2.6	2.3	1.8	7.2	92.2	325.4	1271.7	2865.5	4522.3
59°	2.6	2.7	2.7	2.4	1.9	1.6	83.8	307.0	1238.7	2832.9	4512.6
60°	2.7	2.8	2.8	2.4	1.9	1.4	75.8	289.2	1194.2	2802.8	4503.1
61°	2.8	3.0	2.9	2.5	2.0	1.4	68.4	271.2	1145.2	2755.0	4505.9
62°	2.9	3.1	3.0	2.6	2.1	1.4	61.4	254.1	1092.4	2710.5	4463.4
63°	3.0	3.2	3.1	2.8	2.2	1.5	54.0	237.6	1050.3	2676.3	4422.0
64°	3.2	3.3	3.2	2.9	2.2	1.5	45.7	219.7	1008.6	2633.2	4365.8
65°	3.3	3.5	3.4	3.0	2.3	1.5	37.6	201.7	966.8	2575.8	4324.5
66°	3.4	3.6	3.5	3.0	2.4	1.6	30.8	185.6	931.2	2513.8	4273.5
67°	3.5	3.7	3.6	3.1	2.5	1.6	24.1	169.4	897.6	2456.2	4221.1
68°	3.6	3.8	3.7	3.2	2.5	1.7	17.3	154.0	859.8	2394.0	4169.5
69°	3.7	3.9	3.8	3.4	2.6	1.7	10.6	139.2	820.6	2338.6	4112.8
70°	3.8	4.1	3.9	3.5	2.7	1.8	5.9	124.6	785.7	2286.2	4042.9
71°	4.0	4.2	4.0	3.6	2.8	1.8	2.9	110.8	752.6	2234.8	3960.2
72°	4.1	4.3	4.2	3.7	2.8	1.9	1.7	98.8	722.7	2180.2	3870.6
73°	4.2	4.4	4.3	3.8	2.9	1.9	1.5	87.0	692.6	2117.0	3783.1
74°	4.3	4.5	4.4	3.9	3.0	2.0	1.3	75.1	664.0	2057.1	3712.5
75°	4.4	4.6	4.5	4.0	3.1	2.0	1.2	65.5	634.6	1990.4	3591.4
76°	4.5	4.8	4.6	4.1	3.2	2.1	1.2	56.5	606.3	1927.2	3503.1
77°	4.6	4.9	4.7	4.2	3.2	2.1	1.2	47.8	579.9	1852.5	3406.4
78°	4.7	5.0	4.8	4.3	3.3	2.2	1.2	40.1	551.4	1790.3	3333.4
79°	4.9	5.1	4.9	4.4	3.4	2.2	1.2	32.8	526.0	1727.3	3252.5
80°	5.0	5.2	5.0	4.5	3.5	2.3	1.2	26.3	502.0	1672.8	3168.9
81°	5.0	5.3	5.1	4.5	3.5	2.3	1.2	20.3	479.9	1614.6	3044.1
82°	5.1	5.4	5.2	4.6	3.6	2.4	1.3	15.1	457.2	1547.2	2951.9
83°	5.2	5.4	5.3	4.7	3.6	2.4	1.3	10.7	435.8	1486.5	2847.0
84°	5.2	5.5	5.3	4.7	3.7	2.4	1.3	7.4	414.3	1422.9	2750.0
85°	5.3	5.5	5.4	4.8	3.7	2.5	1.3	4.2	394.9	1362.9	2649.5
86°	5.4	5.6	5.4	4.8	3.8	2.5	1.4	2.1	375.9	1310.0	2561.1
87°	5.5	5.7	5.5	4.9	3.9	2.6	1.4	0.9	358.0	1253.3	2462.8
88°	5.6	5.8	5.6	5.0	3.9	2.6	1.4	0.4	343.2	1204.2	2367.4
89°	5.7	5.9	5.7	5.1	4.0	2.7	1.5	0.4	331.9	1161.3	2285.7

REPORT NUMBER: P1444931

CATALOG NUMBER: CWP125 (100W-4000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
90°	5.8	6.0	5.8	5.2	4.1	2.7	1.5	0.4	324.2	1125.4	2204.2
91°	5.9	6.1	5.9	5.3	4.1	2.7	1.5	0.5	318.5	1101.5	2133.8
92°	5.9	6.2	6.0	5.3	4.2	2.8	1.6	0.5	309.8	1079.9	2084.7
93°	6.0	6.2	6.1	5.4	4.2	2.8	1.6	0.5	299.1	1052.1	2052.1
94°	6.1	6.3	6.1	5.5	4.3	2.9	1.6	0.5	286.6	1024.2	2023.4
95°	6.1	6.4	6.2	5.5	4.3	2.9	1.7	0.5	274.3	996.2	1978.2
96°	6.2	6.4	6.3	5.6	4.4	3.0	1.7	0.5	261.7	958.9	1929.1
97°	6.3	6.5	6.3	5.7	4.4	3.0	1.7	0.5	250.1	923.1	1874.9
98°	6.3	6.6	6.4	5.7	4.5	3.0	1.8	0.5	239.0	890.8	1825.2
99°	6.4	6.6	6.5	5.8	4.5	3.1	1.8	0.6	228.1	859.9	1777.0
100°	6.5	6.7	6.5	5.8	4.6	3.1	1.9	0.6	217.6	828.1	1728.4
101°	6.5	6.8	6.6	5.9	4.6	3.2	1.9	0.6	207.4	797.3	1679.9
102°	6.6	6.8	6.6	5.9	4.6	3.2	1.9	0.6	197.9	767.6	1631.0
103°	6.6	6.9	6.7	6.0	4.7	3.2	2.0	0.6	188.8	738.1	1580.9
104°	6.6	6.9	6.7	6.0	4.7	3.3	2.0	0.6	180.2	708.1	1529.6
105°	6.6	6.9	6.7	6.0	4.7	3.3	2.0	0.6	171.7	680.3	1479.1
106°	6.6	6.9	6.7	6.0	4.7	3.3	2.0	0.6	163.4	653.6	1430.4
107°	6.6	6.9	6.7	6.0	4.7	3.3	2.0	0.6	155.3	628.1	1381.4
108°	6.6	6.9	6.7	6.0	4.7	3.3	2.1	0.6	147.5	602.9	1331.7
109°	6.6	6.9	6.7	6.0	4.7	3.3	2.1	0.6	140.8	577.8	1283.1
110°	6.6	6.9	6.7	6.0	4.7	3.3	2.1	0.6	134.3	552.8	1235.0
111°	6.6	6.9	6.7	6.0	4.7	3.3	2.1	0.6	127.6	529.4	1187.4
112°	6.5	6.8	6.6	5.9	4.7	3.3	2.1	0.6	120.6	505.5	1139.9
113°	6.4	6.7	6.5	5.8	4.6	3.3	2.1	0.6	113.7	481.7	1092.5
114°	6.3	6.7	6.5	5.8	4.6	3.3	2.2	0.6	106.5	458.8	1048.9
115°	6.3	6.6	6.4	5.7	4.6	3.3	2.2	0.7	100.6	436.9	1005.4
116°	6.2	6.6	6.4	5.7	4.6	3.3	2.2	0.7	94.9	414.8	962.0
117°	6.2	6.5	6.3	5.7	4.5	3.3	2.2	0.7	89.1	391.2	917.3
118°	6.1	6.5	6.3	5.6	4.5	3.3	2.2	0.7	83.9	368.9	874.4
119°	6.1	6.4	6.3	5.6	4.5	3.3	2.3	0.7	79.3	350.1	833.5
120°	6.1	6.4	6.3	5.6	4.5	3.4	2.3	0.7	75.4	332.8	792.4
121°	6.1	6.4	6.2	5.6	4.6	3.4	2.3	0.7	71.7	316.8	752.2
122°	6.0	6.4	6.2	5.6	4.6	3.4	2.4	0.8	68.6	301.9	714.2
123°	6.0	6.3	6.2	5.6	4.6	3.5	2.4	0.8	66.5	289.2	679.0
124°	6.0	6.3	6.2	5.6	4.6	3.5	2.5	0.8	65.0	278.6	644.8
125°	6.0	6.3	6.2	5.6	4.7	3.6	2.5	0.8	63.7	268.7	612.0
126°	6.0	6.3	6.2	5.6	4.7	3.6	2.6	0.9	62.8	255.4	579.4
127°	6.0	6.3	6.2	5.7	4.7	3.7	2.6	0.9	61.7	241.4	547.5
128°	6.0	6.3	6.2	5.7	4.8	3.7	2.7	0.9	59.9	227.7	516.8
129°	6.0	6.3	6.2	5.7	4.8	3.8	2.7	0.9	57.3	214.7	486.7
130°	6.0	6.3	6.2	5.7	4.9	3.8	2.8	1.0	54.5	201.9	457.7
131°	5.9	6.3	6.2	5.8	4.9	3.9	2.8	1.0	51.6	189.5	430.4
132°	5.9	6.3	6.2	5.8	5.0	3.9	2.9	1.0	48.4	177.7	404.2
133°	5.9	6.3	6.2	5.8	5.0	4.0	3.0	1.1	45.1	166.3	379.2
134°	5.9	6.2	6.2	5.8	5.0	4.0	3.0	1.1	41.9	156.0	354.4

REPORT NUMBER: P1444931

CATALOG NUMBER: CWP125 (100W-4000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
135°	5.9	6.2	6.2	5.8	5.0	4.0	3.0	1.1	38.9	145.9	329.6
136°	5.9	6.2	6.2	5.8	5.0	4.1	3.1	1.2	35.9	136.1	306.6
137°	5.8	6.2	6.2	5.8	5.1	4.1	3.1	1.2	33.3	127.3	285.6
138°	5.8	6.2	6.2	5.8	5.1	4.1	3.2	1.3	31.0	119.3	265.5
139°	5.8	6.1	6.1	5.8	5.1	4.1	3.2	1.3	28.8	111.8	246.0
140°	5.7	6.1	6.1	5.7	5.1	4.1	3.2	1.3	26.5	105.7	227.4
141°	5.7	6.0	6.0	5.7	5.1	4.2	3.3	1.4	24.4	99.6	210.2
142°	5.7	6.0	6.0	5.7	5.1	4.2	3.3	1.4	22.6	93.6	194.2
143°	5.6	5.9	6.0	5.7	5.1	4.3	3.4	1.5	20.9	89.6	179.5
144°	5.6	5.9	5.9	5.7	5.1	4.3	3.5	1.5	19.3	86.0	165.8
145°	5.6	5.9	5.9	5.6	5.1	4.3	3.5	1.6	17.9	82.1	154.0
146°	5.5	5.8	5.8	5.6	5.1	4.4	3.6	1.6	16.6	78.3	144.7
147°	5.4	5.7	5.8	5.6	5.1	4.4	3.7	1.7	15.4	74.5	137.9
148°	5.4	5.6	5.7	5.5	5.1	4.4	3.7	1.7	14.3	70.7	132.2
149°	5.3	5.6	5.6	5.5	5.0	4.4	3.8	1.8	13.2	67.1	126.6
150°	5.2	5.5	5.5	5.4	5.0	4.5	3.9	1.8	12.1	63.5	120.6
151°	5.1	5.4	5.4	5.3	5.0	4.5	3.9	1.9	10.7	59.8	114.2
152°	5.0	5.2	5.3	5.3	5.0	4.5	4.0	1.9	9.4	56.1	106.7
153°	4.9	5.1	5.2	5.2	4.9	4.5	4.1	2.0	8.0	52.5	100.0
154°	4.7	5.0	5.1	5.1	4.9	4.5	4.1	2.1	6.6	49.0	93.4
155°	4.6	4.8	4.9	5.0	4.8	4.5	4.1	2.1	4.9	45.4	86.8
156°	4.5	4.7	4.8	4.9	4.8	4.5	4.2	2.2	3.4	41.8	80.5
157°	4.4	4.5	4.7	4.7	4.7	4.5	4.2	2.3	2.3	38.2	74.5
158°	4.2	4.4	4.5	4.6	4.6	4.5	4.3	2.3	2.1	34.4	68.3
159°	4.1	4.2	4.4	4.5	4.5	4.4	4.2	2.4	2.1	30.7	62.5
160°	4.0	4.0	4.2	4.3	4.4	4.3	4.2	2.4	2.2	27.0	56.8
161°	3.8	3.9	4.0	4.1	4.2	4.2	4.2	2.5	2.2	23.5	51.3
162°	3.7	3.7	3.8	3.9	4.1	4.1	4.1	2.5	2.3	20.2	46.0
163°	3.6	3.5	3.6	3.7	3.9	4.0	4.0	2.6	2.3	17.1	40.9
164°	3.4	3.4	3.4	3.6	3.7	3.9	3.9	2.6	2.4	14.2	36.0
165°	3.3	3.2	3.2	3.4	3.6	3.7	3.9	2.7	2.5	11.3	31.1
166°	3.2	3.1	3.1	3.2	3.4	3.6	3.8	2.7	2.5	8.4	26.4
167°	3.1	3.0	2.9	3.0	3.3	3.5	3.7	2.7	2.6	5.5	21.7
168°	3.0	2.8	2.8	2.9	3.1	3.4	3.6	2.8	2.6	2.9	17.3
169°	2.9	2.7	2.6	2.7	3.0	3.3	3.5	2.8	2.6	2.4	12.9
170°	2.9	2.7	2.6	2.7	2.9	3.2	3.5	2.8	2.7	2.5	9.4
171°	2.8	2.6	2.5	2.6	2.8	3.2	3.5	2.9	2.7	2.5	5.9
172°	2.8	2.6	2.5	2.5	2.8	3.1	3.4	2.9	2.8	2.5	2.4
173°	2.8	2.6	2.4	2.5	2.7	3.0	3.4	2.9	2.8	2.6	2.4
174°	2.8	2.5	2.4	2.4	2.6	2.9	3.3	3.0	2.8	2.7	2.4
175°	2.7	2.5	2.3	2.4	2.6	2.9	3.2	3.0	2.9	2.7	2.5
176°	2.7	2.5	2.3	2.3	2.5	2.8	3.0	3.1	2.9	2.8	2.6
177°	2.7	2.5	2.3	2.3	2.4	2.6	2.9	3.1	3.0	2.8	2.6
178°	2.6	2.4	2.2	2.2	2.3	2.5	2.8	3.2	3.1	2.9	2.7
179°	2.6	2.4	2.2	2.2	2.3	2.5	2.6	3.2	3.1	3.0	2.8



REPORT NUMBER: P1444931
CATALOG NUMBER: CWP125 (100W-4000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
180°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3

REPORT NUMBER: P1444931

CATALOG NUMBER: CWP125 (100W-4000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	1716.7	1716.7	1716.7
1°	1904.4	1941.0	1953.4
2°	2056.7	2128.7	2147.2
3°	2207.7	2315.6	2340.4
4°	2358.8	2502.4	2533.7
5°	2540.9	2572.2	2626.8
6°	2642.6	2797.7	2810.2
7°	2796.9	2946.4	3037.7
8°	2966.0	3095.8	3164.0
9°	3079.3	3342.4	3409.0
10°	3301.4	3455.6	3561.7
11°	3400.4	3589.0	3633.9
12°	3556.4	3725.5	3789.9
13°	3608.8	3820.8	3929.6
14°	3743.0	3937.8	3888.6
15°	3836.0	3860.4	3885.3
16°	3842.1	3792.7	3809.1
17°	3798.7	3764.3	3748.8
18°	3701.5	3718.3	3792.0
19°	3676.1	3788.0	3957.5
20°	3618.2	3978.0	4157.4
21°	3667.9	4182.1	4360.1
22°	3818.2	4358.1	4512.0
23°	4000.3	4483.3	4639.0
24°	4177.9	4611.5	4768.6
25°	4302.5	4730.2	4861.6
26°	4406.8	4821.5	4999.9
27°	4504.1	4955.3	5119.7
28°	4586.6	5061.9	5229.0
29°	4668.4	5150.8	5311.6
30°	4758.5	5242.1	5417.7
31°	4832.1	5332.0	5514.5
32°	4880.5	5420.5	5603.0
33°	4945.6	5519.5	5715.5
34°	5014.2	5606.2	5799.1
35°	5077.4	5674.7	5873.3
36°	5140.1	5747.4	5940.3
37°	5185.8	5839.0	6065.1
38°	5227.2	5908.1	6040.0
39°	5281.1	5926.4	6069.1
40°	5315.5	5982.4	6177.8
41°	5340.9	6007.0	6076.1
42°	5393.3	5990.0	6278.3
43°	5410.4	6089.7	6294.3
44°	5410.5	6117.3	6290.6

REPORT NUMBER: P1444931

CATALOG NUMBER: CWP125 (100W-4000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	5459.7	6240.4	7110.9
46°	5482.9	6734.3	7150.3
47°	5581.7	6759.1	6315.8
48°	5813.7	6241.5	6402.0
49°	5816.8	6212.8	6821.3
50°	5703.1	6528.8	6777.7
51°	5752.0	6586.6	6821.8
52°	5730.6	6586.7	6766.7
53°	5732.7	6561.4	6711.6
54°	5847.8	6557.8	6826.2
55°	5870.3	6611.6	6705.7
56°	5888.1	6486.7	6465.7
57°	5913.5	6300.2	6453.8
58°	5856.2	6261.3	6406.1
59°	5773.8	6182.2	6254.5
60°	5685.2	6065.8	6259.8
61°	5599.6	6078.5	6291.4
62°	5537.9	6074.4	6189.2
63°	5499.4	5967.9	6120.6
64°	5464.4	5919.0	6107.4
65°	5401.5	5882.9	5986.0
66°	5336.2	5743.7	5886.1
67°	5269.2	5651.6	5803.1
68°	5157.1	5543.9	5701.3
69°	5053.0	5468.1	5576.8
70°	4954.3	5358.5	5639.9
71°	4845.5	5406.6	5437.8
72°	4810.5	5075.3	5213.3
73°	4648.2	5020.6	5208.7
74°	4486.4	4997.0	5214.8
75°	4445.7	4945.1	5087.8
76°	4364.1	4829.7	4974.0
77°	4269.8	4699.9	4902.9
78°	4164.7	4664.5	4812.0
79°	4083.5	4491.2	4646.9
80°	3938.3	4443.4	4614.1
81°	3853.4	4287.9	4468.0
82°	3750.7	4179.0	4322.1
83°	3597.4	4065.7	4228.9
84°	3519.2	3945.8	4110.4
85°	3415.2	3850.2	4026.1
86°	3309.3	3748.2	3926.7
87°	3200.2	3632.9	3801.0
88°	3091.0	3536.1	3697.7
89°	2981.7	3400.7	3558.6

REPORT NUMBER: P1444931

CATALOG NUMBER: CWP125 (100W-4000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
90°	2891.2	3311.5	3465.2
91°	2792.5	3212.4	3367.2
92°	2709.5	3101.6	3259.7
93°	2641.7	3027.5	3172.9
94°	2600.0	2949.6	3088.9
95°	2577.1	2902.3	3034.5
96°	2530.1	2888.5	3016.9
97°	2474.4	2838.4	2973.7
98°	2418.1	2771.4	2904.2
99°	2370.8	2715.7	2842.3
100°	2327.5	2673.9	2803.6
101°	2285.0	2634.1	2762.7
102°	2235.2	2597.7	2728.2
103°	2184.4	2545.1	2680.1
104°	2135.4	2493.4	2625.0
105°	2084.0	2445.2	2577.8
106°	2031.3	2391.8	2527.6
107°	1975.7	2337.7	2473.1
108°	1920.0	2282.1	2417.3
109°	1864.6	2223.9	2360.2
110°	1810.6	2166.1	2301.3
111°	1756.8	2108.3	2240.8
112°	1703.5	2050.7	2182.1
113°	1649.6	1992.0	2124.0
114°	1596.0	1935.1	2066.4
115°	1544.1	1878.6	2007.8
116°	1492.1	1822.4	1949.2
117°	1440.1	1765.8	1889.8
118°	1388.1	1709.9	1832.3
119°	1338.0	1652.3	1776.1
120°	1287.3	1594.8	1716.5
121°	1237.4	1539.5	1657.4
122°	1187.8	1485.0	1600.6
123°	1140.0	1431.9	1545.3
124°	1093.2	1378.7	1490.0
125°	1047.3	1324.8	1432.7
126°	1001.3	1272.9	1378.7
127°	955.4	1220.2	1325.5
128°	910.0	1168.4	1269.0
129°	864.0	1117.1	1213.7
130°	817.5	1084.4	1162.5
131°	771.9	1026.4	1109.7
132°	726.8	967.7	1059.8
133°	682.4	918.1	1009.9
134°	639.4	870.4	959.9

REPORT NUMBER: P1444931

CATALOG NUMBER: CWP125 (100W-4000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
135°	597.1	821.8	909.8
136°	556.4	774.8	860.6
137°	517.4	728.4	811.7
138°	480.8	682.0	762.6
139°	445.4	634.8	715.2
140°	410.4	588.1	666.8
141°	376.3	541.8	618.7
142°	343.4	495.6	570.5
143°	313.0	449.6	521.2
144°	283.6	403.9	472.6
145°	255.8	359.4	426.1
146°	230.1	317.2	377.7
147°	207.4	278.3	330.5
148°	187.7	241.6	280.8
149°	172.6	209.2	233.1
150°	162.1	186.4	199.0
151°	153.8	174.4	186.6
152°	145.3	165.7	178.2
153°	136.4	156.1	167.3
154°	127.7	146.9	156.7
155°	119.0	137.6	146.7
156°	110.1	128.0	136.6
157°	101.9	118.5	126.4
158°	93.6	109.4	116.7
159°	85.3	101.4	107.8
160°	78.5	93.5	99.9
161°	72.1	85.6	92.1
162°	65.6	78.9	84.2
163°	59.4	72.3	77.4
164°	53.6	65.5	70.4
165°	47.8	58.9	63.4
166°	41.9	52.6	56.8
167°	36.0	46.2	50.2
168°	30.1	39.4	43.3
169°	24.5	32.6	36.2
170°	18.8	25.9	29.1
171°	13.2	19.4	22.2
172°	9.6	13.3	15.6
173°	5.9	9.5	11.1
174°	2.3	5.8	6.6
175°	2.3	2.1	2.2
176°	2.3	2.2	2.1
177°	2.4	2.2	2.2
178°	2.5	2.3	2.2
179°	2.5	2.4	2.2

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CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	2.3	2.3	2.3

(END OF REPORT)