

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: P1444964

Luminaire Tested: CWP75 (75W-4000K)

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2024
Report Number: P1444964
TEST IS SCALED FROM IESNA LM-79-24 TEST DATA
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/1/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: LUMARK
Catalog Number: CWP75 (75W-4000K)
Description: COMPACT WALL PACK, 75W
SET TO 75W, 4000K CCT
Light Source: 3000K/5000K CCT, 80 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10366.3 lumens
Efficiency: N/A
Efficacy: 141.8 lumens/watt
Luminous Opening: Point Source (0m x 0m x 0m)
IES Classification: Type IV - Short
BUG Rating: B1 - U5 - G5

Input Watts (W): 73.1
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



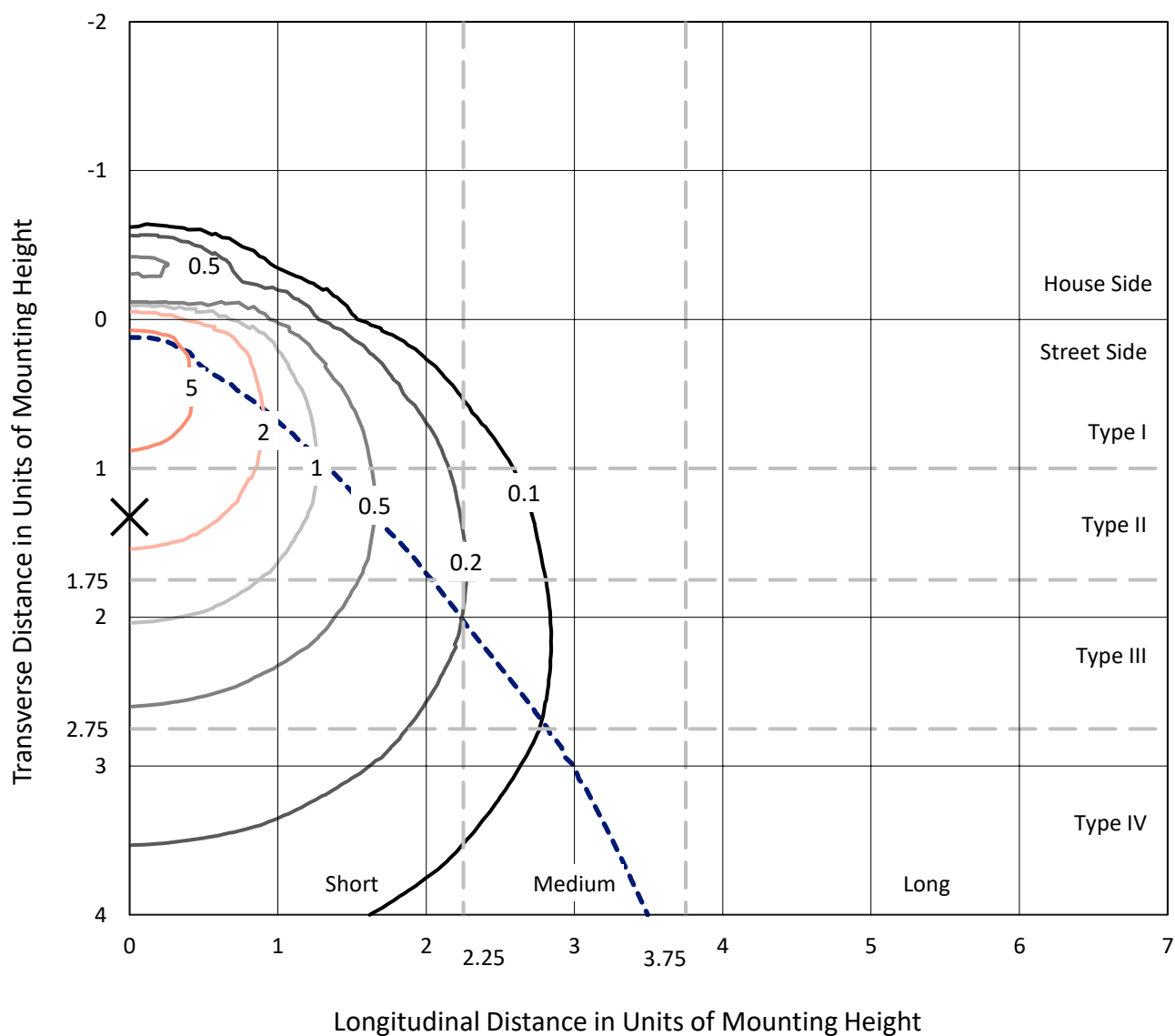
REPORT NUMBER: P1444964

CATALOG NUMBER: CWP75 (75W-4000K)

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



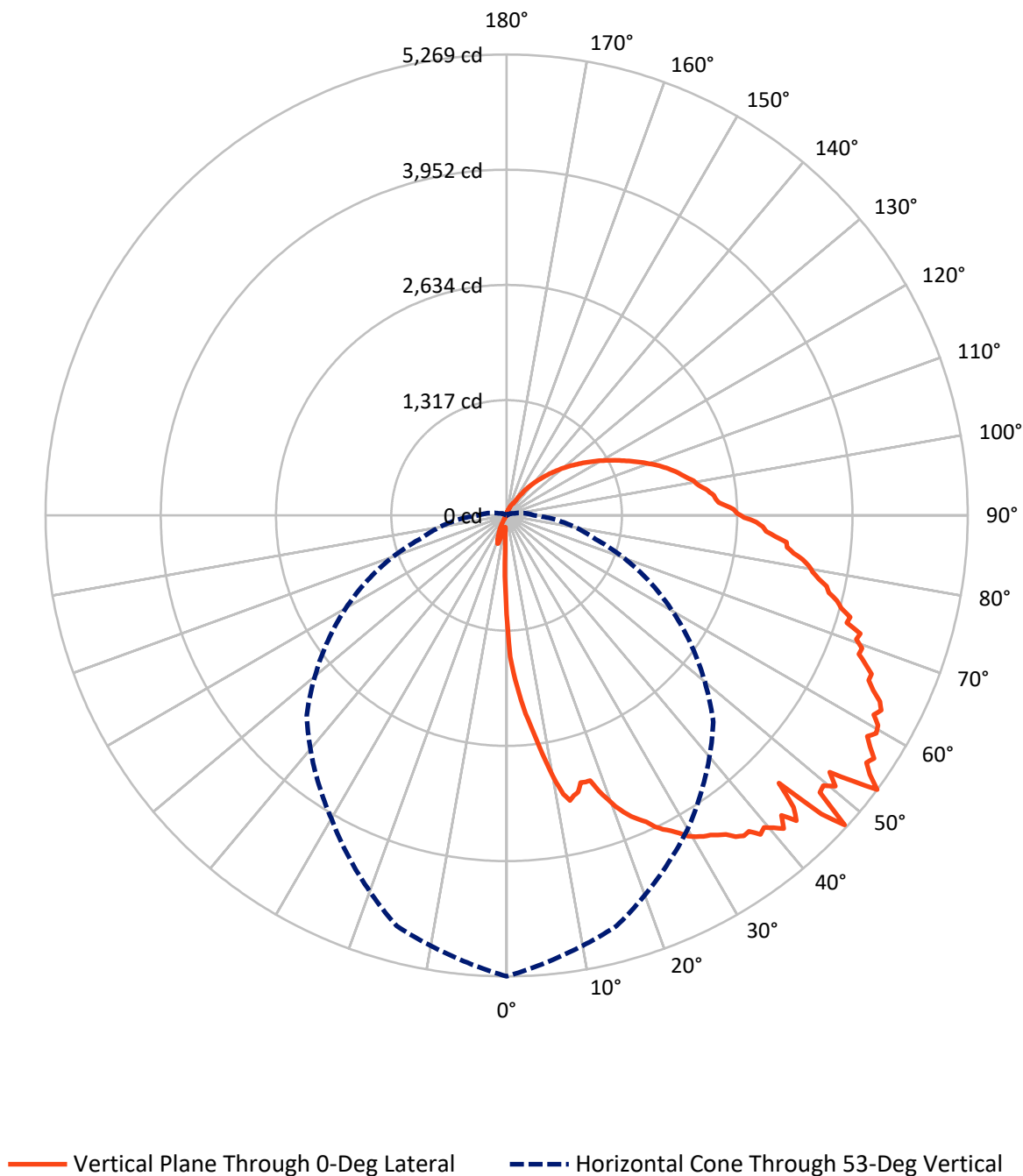
Based on 20 foot mounting height. Maximum calculated value = 7.4 fc

Type IV - Short - N/A

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CATALOG NUMBER: CWP75 (75W-4000K)

Luminous Intensity Polar Plot



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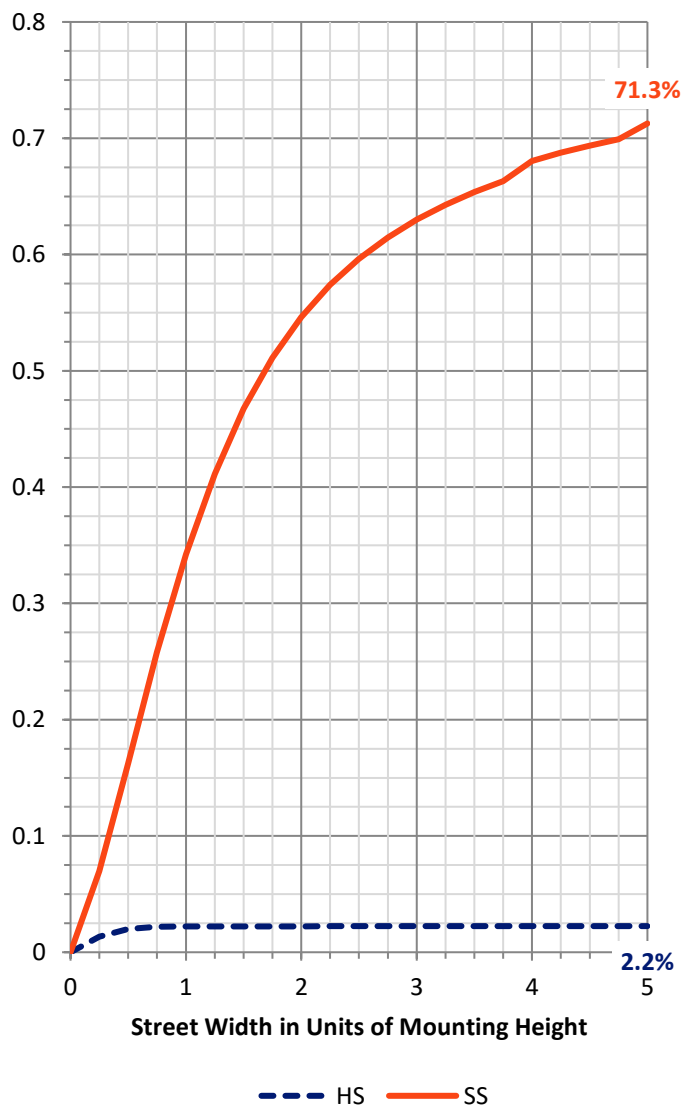
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	235.6	9.9	245.5
	% Fixture	2.3	0.1	2.4
Street Side	Lumens	8096.5	2024.3	10120.9
	% Fixture	78.1	19.5	97.6
Total	Lumens	8332.1	2034.2	10366.3
	% Fixture	80.4	19.6	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	121.5	1.2
10°-20°	415.9	4.0
20°-30°	723.1	7.0
30°-40°	1007.2	9.7
40°-50°	1213.9	11.7
50°-60°	1350.6	13.0
60°-70°	1355.6	13.1
70°-80°	1201.0	11.6
80°-90°	943.2	9.1
90°-100°	719.7	6.9
100°-110°	543.4	5.2
110°-120°	365.3	3.5
120°-130°	220.9	2.1
130°-140°	115.9	1.1
140°-150°	47.4	0.5
150°-160°	17.0	0.2
160°-170°	4.3	0.0
170°-180°	0.3	0.0
0°-90°	8332.1	80.4
0°-180°	10366.3	100.0

Coefficient of Utilization



REPORT NUMBER: P1444964

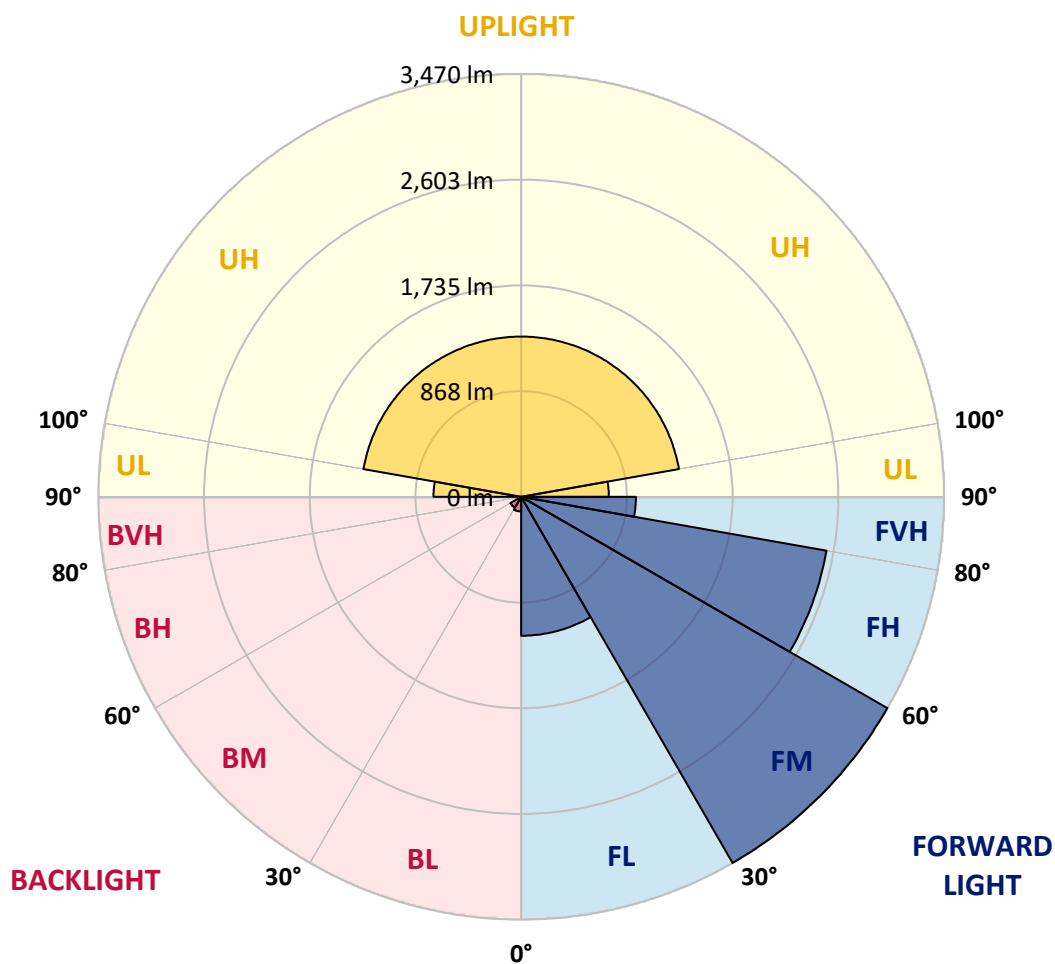
CATALOG NUMBER: CWP75 (75W-4000K)

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1140.1	11.0			
FM	(30°-60°)	3470.2	33.5			
FH	(60°-80°)	2544.6	24.5			G2/5000
FVH	(80°-90°)	941.5	9.1			G5
BL	(0°-30°)	120.4	1.2	B1/500		
BM	(30°-60°)	101.5	1.0	B0/220		
BH	(60°-80°)	12.0	0.1	B0/110		G0/110
BVH	(80°-90°)	1.7	0.0			G0/10
UL	(90°-100°)	719.7	6.9		U4/1000	
UH	(100°-180°)	1314.5	12.7		U5	

BUG Rating: B1-U5-G5

Type IV Short



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CATALOG NUMBER: CWP75 (75W-4000K)

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	1282.7	1282.7	1282.7	1282.7	1282.7	1282.7	1282.7	1282.7	1282.7	1282.7	1282.7
1°	1618.0	1619.4	1591.7	1545.3	1477.9	1400.1	1232.6	1161.8	1094.1	1030.2	987.0
2°	1803.7	1796.4	1778.2	1736.1	1647.8	1487.1	1236.8	1079.9	919.3	807.9	740.7
3°	1962.5	1948.6	1910.6	1829.0	1761.2	1578.5	1235.1	986.2	781.7	623.5	483.8
4°	2121.2	2100.7	2044.1	1936.9	1811.4	1647.2	1227.0	893.1	647.1	413.5	318.1
5°	2279.9	2252.8	2177.5	2045.5	1898.7	1719.1	1232.2	823.9	489.6	301.4	217.5
6°	2412.6	2371.8	2302.8	2154.0	1966.1	1752.0	1217.5	750.8	371.6	218.4	162.9
7°	2572.3	2539.4	2422.4	2277.8	2033.4	1772.5	1211.4	679.3	309.0	168.2	144.5
8°	2751.4	2703.5	2567.2	2355.6	2100.6	1805.8	1209.2	599.9	246.4	148.3	136.4
9°	2928.0	2879.5	2712.8	2473.4	2196.9	1837.8	1194.6	515.4	184.6	138.9	135.5
10°	3099.1	3047.7	2870.5	2566.7	2247.5	1876.8	1184.6	441.0	159.4	135.3	140.2
11°	3250.5	3205.5	3017.8	2697.8	2293.2	1924.2	1170.3	382.3	147.1	136.2	147.2
12°	3337.7	3302.8	3143.3	2808.9	2373.5	1939.1	1150.9	334.3	140.9	140.6	155.6
13°	3293.7	3336.6	3242.0	2915.4	2434.8	1946.3	1135.7	294.1	137.2	146.9	163.6
14°	3265.6	3260.4	3304.2	3011.7	2481.2	1956.7	1111.2	261.0	135.9	154.2	169.5
15°	3168.8	3200.9	3246.4	3116.0	2549.4	1952.0	1086.6	227.8	136.7	162.5	180.1
16°	3177.0	3181.0	3210.4	3174.3	2612.8	1961.9	1066.2	194.7	139.1	170.8	201.5
17°	3179.5	3125.4	3098.7	3192.9	2653.1	1963.0	1036.5	171.0	142.8	180.0	237.7
18°	3322.0	3207.4	3101.2	3126.0	2711.1	1951.4	1010.6	154.2	147.6	192.1	276.3
19°	3435.0	3330.3	3040.0	3058.1	2753.9	1941.9	987.4	143.3	153.8	207.8	305.7
20°	3552.4	3468.9	3119.1	2968.4	2770.6	1942.4	956.5	135.9	161.2	226.3	317.7
21°	3645.6	3562.7	3241.7	2895.0	2798.2	1936.9	938.1	130.8	169.2	244.8	315.8
22°	3726.8	3644.5	3355.0	2869.2	2800.7	1938.7	916.9	127.7	177.7	259.9	307.6
23°	3788.3	3707.1	3444.2	2825.5	2779.1	1942.9	893.1	125.7	187.4	267.9	291.4
24°	3851.0	3777.6	3506.7	2871.0	2730.4	1932.7	874.5	124.4	197.2	269.8	272.0
25°	3945.4	3850.9	3570.7	2948.5	2654.2	1942.6	854.6	124.6	205.0	266.3	252.6
26°	4009.4	3915.5	3634.1	3020.7	2577.2	1939.5	835.7	125.8	212.5	259.5	232.6
27°	4064.9	3980.0	3686.3	3076.1	2495.6	1939.5	822.9	128.5	217.3	250.5	212.6
28°	4132.4	4043.3	3739.5	3117.6	2414.0	1950.4	807.4	132.1	220.9	237.5	193.0
29°	4213.1	4105.7	3790.3	3150.0	2379.7	1942.5	790.0	136.7	222.5	224.5	175.1
30°	4262.3	4174.0	3825.0	3186.2	2322.1	1943.7	776.3	142.0	220.2	211.5	156.2
31°	4302.6	4220.0	3870.0	3206.7	2282.4	1934.8	755.3	148.0	216.4	195.9	138.1
32°	4333.3	4277.3	3914.3	3214.8	2295.6	1929.4	739.4	154.1	211.2	179.2	120.9
33°	4380.5	4305.4	3954.9	3228.3	2333.8	1924.1	716.1	160.0	203.5	163.1	104.2
34°	4426.9	4333.5	3992.3	3251.1	2354.7	1907.5	699.0	165.3	195.6	147.8	88.8
35°	4511.3	4387.4	4024.4	3262.6	2371.7	1879.0	679.4	169.7	186.0	132.6	74.1
36°	4555.8	4455.3	4047.7	3261.6	2380.6	1865.3	660.6	172.8	175.7	118.6	60.9
37°	4550.8	4467.9	4084.5	3264.5	2387.2	1825.1	639.6	175.0	165.0	104.9	49.3
38°	4659.9	4509.4	4119.2	3269.5	2374.9	1792.8	619.0	175.9	154.2	91.9	41.2
39°	4623.6	4549.7	4119.7	3272.6	2364.4	1753.6	599.0	175.7	143.3	78.4	34.9
40°	4697.0	4534.5	4137.8	3274.1	2359.9	1709.2	580.3	173.9	132.8	66.6	30.5
41°	4779.4	4616.7	4132.4	3264.2	2359.1	1654.3	561.1	170.6	122.6	56.2	26.2
42°	4648.8	4622.0	4152.0	3262.7	2355.4	1594.4	543.4	166.1	112.2	46.3	21.9
43°	4811.3	4600.0	4191.8	3276.2	2344.9	1539.5	524.7	160.5	102.6	37.5	17.6
44°	4679.5	4682.4	4160.4	3284.6	2342.9	1474.8	506.2	154.3	93.4	30.8	14.0

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CATALOG NUMBER: CWP75 (75W-4000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	4364.7	4486.9	4170.7	3285.9	2343.6	1411.2	485.7	147.7	84.8	25.3	2.8
46°	4956.1	4413.8	4165.1	3290.9	2333.7	1345.9	464.0	140.7	76.7	19.7	0.9
47°	5237.9	4850.7	4049.9	3288.5	2326.7	1290.5	443.3	133.5	68.8	14.1	1.0
48°	4780.2	4969.8	4070.7	3287.7	2309.1	1228.3	421.1	126.3	61.1	9.7	1.0
49°	4756.7	4699.8	4249.8	3297.1	2284.0	1175.4	401.2	119.1	52.6	7.2	1.0
50°	4866.3	4676.9	4258.2	3249.8	2266.1	1135.2	377.1	111.8	45.0	4.4	1.1
51°	4716.9	4683.3	4179.7	3239.3	2247.0	1107.0	356.3	104.7	37.9	0.9	1.2
52°	4992.7	4617.6	4195.9	3322.7	2213.2	1080.9	332.3	97.7	31.6	0.9	1.2
53°	5268.8	4858.1	4138.2	3339.3	2188.5	1051.4	312.6	90.9	26.4	0.9	1.3
54°	5098.1	5011.7	4072.6	3304.7	2148.0	1015.0	293.0	84.3	21.3	1.0	1.3
55°	4989.5	4876.3	4206.1	3288.5	2105.4	985.4	275.8	78.0	16.2	1.0	1.4
56°	5033.3	4821.4	4283.2	3271.6	2107.8	953.4	257.4	71.7	12.2	1.1	1.4
57°	4924.1	4839.0	4263.9	3243.0	2090.5	921.2	242.2	65.6	8.2	1.1	1.5
58°	4834.6	4740.2	4237.2	3272.3	2033.5	891.9	227.1	59.6	5.3	1.2	1.6
59°	4904.2	4692.5	4210.6	3276.3	1990.3	865.0	212.0	53.9	3.0	1.2	1.6
60°	4874.7	4742.0	4154.2	3259.7	1951.9	846.1	197.9	48.6	1.0	1.3	1.7
61°	4775.6	4695.5	4129.8	3224.1	1915.1	824.6	184.6	43.5	0.9	1.3	1.8
62°	4826.0	4616.0	4123.4	3188.2	1892.7	796.3	171.6	38.7	0.9	1.4	1.9
63°	4766.4	4643.3	4116.1	3153.8	1871.8	768.9	159.1	34.3	0.9	1.4	1.9
64°	4642.3	4584.3	4108.7	3115.5	1836.6	747.1	147.5	30.2	0.9	1.5	2.0
65°	4546.4	4458.7	4094.5	3080.9	1801.5	725.3	135.9	25.8	1.0	1.6	2.1
66°	4545.6	4404.5	4038.4	3058.3	1757.5	706.6	125.1	21.4	1.0	1.6	2.2
67°	4438.6	4382.3	3948.3	3046.5	1719.2	687.1	114.5	17.0	1.0	1.7	2.2
68°	4325.4	4240.6	3890.3	3013.8	1687.8	664.0	104.5	13.2	1.1	1.7	2.3
69°	4336.1	4187.5	3820.7	2953.8	1647.6	640.6	94.6	9.9	1.1	1.8	2.4
70°	4240.4	4137.2	3733.5	2905.1	1618.9	619.7	85.2	6.9	1.1	1.9	2.5
71°	4261.7	4119.6	3703.0	2851.0	1579.0	597.5	76.3	4.4	1.2	1.9	2.6
72°	4077.1	4030.0	3647.3	2785.6	1533.9	578.7	67.8	2.4	1.2	2.0	2.6
73°	4094.2	3940.4	3622.9	2745.0	1491.8	560.7	59.6	1.5	1.3	2.0	2.7
74°	3968.6	3893.3	3504.8	2702.1	1445.2	538.8	52.0	1.2	1.3	2.1	2.8
75°	3899.3	3809.0	3448.5	2654.7	1408.5	518.5	45.2	1.0	1.3	2.2	2.9
76°	3788.6	3703.0	3344.2	2598.5	1367.0	496.0	38.8	0.9	1.4	2.2	2.9
77°	3746.3	3660.5	3262.2	2532.5	1333.3	476.1	33.0	0.8	1.4	2.3	3.0
78°	3639.5	3551.1	3202.0	2463.2	1295.5	457.3	27.8	0.8	1.5	2.3	3.1
79°	3557.0	3457.2	3102.8	2394.7	1246.0	438.7	23.3	0.8	1.5	2.4	3.2
80°	3502.8	3363.5	3012.7	2322.1	1203.6	417.6	18.8	0.8	1.6	2.5	3.2
81°	3423.3	3323.1	2942.1	2250.6	1156.9	398.9	14.3	0.8	1.6	2.5	3.3
82°	3307.4	3213.9	2852.4	2195.5	1115.9	379.9	10.8	0.8	1.6	2.5	3.3
83°	3227.0	3110.4	2751.0	2119.5	1079.9	361.0	7.8	0.8	1.7	2.6	3.4
84°	3213.9	3100.0	2704.5	2044.2	1033.6	344.3	5.2	0.8	1.7	2.6	3.4
85°	3084.1	2983.5	2636.3	2013.1	1020.9	332.2	3.2	0.9	1.7	2.7	3.5
86°	2971.4	2872.9	2525.2	1917.3	984.4	315.0	1.8	0.9	1.8	2.7	3.5
87°	2928.4	2820.3	2470.2	1873.5	947.6	303.8	1.0	0.9	1.8	2.8	3.6
88°	2852.1	2742.5	2397.4	1800.6	910.8	291.2	0.5	0.9	1.8	2.8	3.7
89°	2715.5	2610.6	2277.8	1731.3	885.8	281.5	0.4	1.0	1.9	2.9	3.7

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CATALOG NUMBER: CWP75 (75W-4000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	2633.6	2537.6	2223.5	1687.9	860.0	273.0	0.4	1.0	1.9	2.9	3.8
91°	2598.1	2495.2	2172.1	1635.8	841.5	264.4	0.4	1.0	2.0	3.0	3.8
92°	2512.3	2406.4	2095.4	1604.2	826.6	256.0	0.4	1.0	2.0	3.0	3.9
93°	2425.8	2335.3	2060.4	1583.5	810.3	247.0	0.4	1.1	2.0	3.1	3.9
94°	2397.2	2313.1	2040.7	1554.0	791.2	238.0	0.4	1.1	2.1	3.1	4.0
95°	2378.9	2285.7	2004.8	1519.5	767.7	228.8	0.4	1.1	2.1	3.1	4.0
96°	2336.0	2244.8	1967.9	1483.4	741.3	219.1	0.5	1.1	2.1	3.2	4.1
97°	2298.0	2204.8	1926.2	1437.4	715.2	210.5	0.5	1.2	2.2	3.2	4.1
98°	2240.8	2147.9	1877.6	1395.8	690.5	200.8	0.5	1.2	2.2	3.2	4.1
99°	2200.5	2111.7	1839.5	1355.7	666.3	192.0	0.5	1.2	2.2	3.3	4.2
100°	2173.2	2079.0	1794.5	1315.8	644.2	183.7	0.5	1.2	2.2	3.3	4.2
101°	2118.9	2029.3	1753.0	1276.4	620.4	175.6	0.5	1.3	2.3	3.3	4.2
102°	2076.7	1990.2	1712.1	1235.2	596.0	167.1	0.5	1.3	2.3	3.3	4.3
103°	2037.2	1947.9	1669.6	1195.3	573.6	159.2	0.6	1.3	2.3	3.4	4.3
104°	1995.6	1904.8	1624.8	1151.5	551.1	151.9	0.6	1.3	2.3	3.4	4.3
105°	1951.8	1860.1	1577.9	1111.5	529.2	145.3	0.6	1.3	2.3	3.4	4.3
106°	1904.7	1811.8	1532.1	1069.0	506.0	138.9	0.6	1.3	2.4	3.4	4.3
107°	1859.3	1765.0	1485.1	1027.6	484.8	132.4	0.6	1.4	2.4	3.4	4.3
108°	1807.6	1715.1	1437.4	989.6	464.8	126.8	0.6	1.4	2.4	3.4	4.3
109°	1755.7	1666.2	1389.3	952.1	445.9	121.5	0.6	1.4	2.4	3.4	4.3
110°	1704.9	1615.9	1342.8	914.7	427.2	116.8	0.6	1.4	2.4	3.4	4.3
111°	1653.8	1564.2	1299.4	877.2	410.2	112.3	0.6	1.4	2.4	3.4	4.3
112°	1602.9	1514.5	1254.3	841.1	393.4	108.0	0.6	1.4	2.4	3.4	4.2
113°	1553.5	1465.5	1211.1	805.9	375.6	103.5	0.6	1.4	2.3	3.3	4.2
114°	1505.3	1418.7	1170.1	771.3	358.7	99.6	0.7	1.4	2.3	3.3	4.1
115°	1456.7	1372.6	1127.4	737.8	341.8	94.3	0.7	1.4	2.3	3.2	4.1
116°	1411.2	1328.7	1088.6	706.2	325.3	88.9	0.7	1.4	2.3	3.2	4.0
117°	1363.3	1283.6	1046.7	675.7	310.8	84.2	0.7	1.4	2.3	3.2	4.0
118°	1318.6	1239.4	1007.7	644.9	297.3	79.8	0.7	1.4	2.3	3.2	4.0
119°	1274.0	1195.3	971.5	616.5	284.6	74.8	0.7	1.4	2.3	3.2	4.0
120°	1232.1	1152.4	935.3	588.0	271.1	69.5	0.7	1.4	2.3	3.2	3.9
121°	1185.8	1110.9	899.2	559.8	258.0	64.9	0.7	1.4	2.3	3.2	3.9
122°	1141.9	1068.2	862.4	532.8	244.7	61.4	0.8	1.5	2.3	3.2	3.9
123°	1100.1	1027.8	825.9	505.3	231.5	58.4	0.8	1.5	2.3	3.1	3.9
124°	1058.1	987.6	789.5	479.6	217.8	55.8	0.8	1.5	2.3	3.1	3.9
125°	1015.9	949.0	755.4	455.5	205.1	53.8	0.8	1.5	2.3	3.2	3.9
126°	976.4	910.4	719.7	433.9	193.3	51.8	0.8	1.5	2.3	3.2	3.9
127°	936.9	871.9	685.3	413.6	183.2	49.7	0.9	1.5	2.4	3.2	3.9
128°	897.4	834.7	651.8	392.8	174.3	47.8	0.9	1.6	2.4	3.2	3.9
129°	857.9	795.6	619.8	372.1	166.8	46.2	0.9	1.6	2.4	3.2	3.9
130°	818.2	758.2	587.0	353.6	160.8	45.0	0.9	1.6	2.4	3.2	4.0
131°	780.7	721.4	555.2	335.0	156.5	43.9	1.0	1.7	2.4	3.3	4.0
132°	742.9	684.8	523.1	316.6	151.1	42.8	1.0	1.7	2.5	3.3	4.0
133°	705.8	648.2	491.7	298.9	144.0	41.5	1.0	1.7	2.5	3.3	4.0
134°	669.4	614.4	461.8	281.2	136.0	39.8	1.1	1.7	2.5	3.3	4.0

REPORT NUMBER: P1444964

CATALOG NUMBER: CWP75 (75W-4000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
135°	633.7	579.8	433.0	264.7	128.5	37.8	1.1	1.8	2.5	3.3	4.0
136°	598.4	546.4	405.0	248.7	121.6	36.1	1.2	1.8	2.6	3.3	4.0
137°	563.7	513.6	378.2	233.6	115.3	34.2	1.2	1.9	2.6	3.3	4.0
138°	532.0	482.4	352.8	219.3	109.3	32.2	1.3	1.9	2.6	3.4	4.0
139°	499.3	451.0	328.7	205.9	103.9	30.3	1.3	1.9	2.6	3.4	4.0
140°	467.6	419.6	307.1	193.6	98.8	28.5	1.4	2.0	2.7	3.4	4.0
141°	434.6	388.3	285.6	181.5	94.9	26.8	1.4	2.0	2.7	3.4	4.0
142°	400.8	355.5	263.9	170.6	91.1	25.0	1.5	2.1	2.7	3.4	4.0
143°	366.5	323.2	243.3	161.3	87.2	23.1	1.5	2.1	2.7	3.4	4.0
144°	332.5	292.2	224.1	152.7	84.3	21.3	1.6	2.2	2.8	3.4	4.0
145°	298.1	262.4	206.3	144.5	81.2	19.4	1.7	2.2	2.8	3.4	4.0
146°	265.0	235.4	189.1	136.2	77.1	17.5	1.7	2.2	2.8	3.4	3.9
147°	232.9	210.2	173.8	128.8	71.8	15.8	1.8	2.3	2.8	3.4	3.9
148°	201.8	187.7	159.7	122.4	66.3	13.9	1.8	2.3	2.9	3.4	3.9
149°	175.6	168.4	147.8	116.8	61.3	12.1	1.9	2.4	2.9	3.3	3.8
150°	159.9	155.4	139.0	110.9	56.4	10.9	2.0	2.4	2.9	3.3	3.8
151°	158.0	149.9	133.2	104.8	51.8	9.6	2.0	2.4	2.9	3.3	3.7
152°	156.5	147.7	127.9	98.0	47.7	8.4	2.1	2.4	2.9	3.3	3.7
153°	149.2	141.6	121.0	91.8	44.1	7.3	2.1	2.5	2.8	3.2	3.6
154°	140.0	132.9	113.2	85.6	40.7	6.2	2.2	2.5	2.8	3.2	3.5
155°	129.8	123.8	105.2	79.0	37.4	5.0	2.2	2.5	2.8	3.1	3.4
156°	120.4	114.6	97.6	72.1	34.2	3.9	2.3	2.5	2.8	3.1	3.4
157°	111.5	106.3	90.2	64.8	31.2	2.9	2.3	2.5	2.8	3.0	3.3
158°	102.8	99.7	82.8	58.0	28.5	2.3	2.4	2.6	2.8	3.0	3.2
159°	94.9	91.3	76.2	51.4	25.9	2.3	2.4	2.6	2.8	3.0	3.1
160°	87.0	82.8	69.4	45.4	23.4	2.4	2.5	2.6	2.8	2.9	3.1
161°	79.1	75.4	62.4	40.1	20.9	2.4	2.5	2.6	2.8	2.9	3.0
162°	72.0	68.5	55.5	35.5	18.1	2.2	2.5	2.6	2.8	2.9	2.9
163°	65.2	61.9	48.9	31.3	15.2	2.1	2.6	2.6	2.8	2.8	2.8
164°	58.7	55.7	42.6	27.7	12.1	2.2	2.6	2.6	2.7	2.8	2.8
165°	52.4	49.5	36.8	24.5	9.5	2.2	2.6	2.6	2.7	2.7	2.7
166°	45.9	43.0	31.6	21.6	6.8	2.3	2.6	2.6	2.7	2.7	2.6
167°	39.0	36.0	27.1	18.1	4.2	2.3	2.6	2.6	2.7	2.7	2.6
168°	32.1	29.5	23.5	14.3	2.6	2.3	2.6	2.7	2.7	2.6	2.5
169°	26.2	24.3	19.4	10.2	2.3	2.3	2.6	2.7	2.7	2.6	2.5
170°	20.8	19.2	14.8	6.7	2.3	2.3	2.7	2.7	2.6	2.6	2.4
171°	15.7	14.4	9.8	3.2	2.1	2.3	2.7	2.7	2.6	2.5	2.4
172°	10.0	10.2	5.9	2.1	2.1	2.3	2.7	2.7	2.6	2.5	2.4
173°	5.9	6.0	2.1	2.1	2.1	2.3	2.7	2.7	2.6	2.5	2.3
174°	1.8	1.9	2.0	2.0	2.2	2.3	2.7	2.6	2.6	2.5	2.3
175°	1.6	1.7	1.8	2.0	2.2	2.4	2.6	2.6	2.6	2.5	2.3
176°	1.7	1.7	1.8	2.0	2.2	2.3	2.6	2.6	2.6	2.4	2.3
177°	1.7	1.7	1.8	2.0	2.1	2.3	2.6	2.6	2.6	2.4	2.3
178°	1.7	1.7	1.8	1.9	2.1	2.2	2.6	2.6	2.5	2.4	2.2
179°	1.8	1.7	1.7	1.9	2.0	2.1	2.6	2.6	2.5	2.4	2.2



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CATALOG NUMBER: CWP75 (75W-4000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
180°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8

REPORT NUMBER: P1444964

CATALOG NUMBER: CWP75 (75W-4000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	1282.7	1282.7	1282.7	1282.7	1282.7	1282.7	1282.7	1282.7	1282.7	1282.7	1282.7
1°	974.5	971.5	997.1	1048.7	1113.8	1180.9	1254.9	1242.0	1317.1	1394.5	1475.9
2°	702.8	695.9	722.7	780.4	872.1	1014.3	1179.0	1238.4	1392.0	1564.0	1696.3
3°	416.7	406.2	441.7	536.7	691.7	855.6	1103.9	1244.1	1487.2	1713.2	1797.3
4°	273.2	262.4	284.4	338.8	474.6	728.4	1006.8	1240.9	1576.8	1784.8	1934.0
5°	181.2	175.2	187.7	233.5	334.4	585.6	914.6	1232.1	1645.1	1846.1	2035.1
6°	150.2	147.8	151.2	168.3	244.6	433.4	838.6	1236.3	1708.3	1950.8	2135.8
7°	138.3	136.9	138.2	146.3	179.4	339.3	768.3	1225.9	1736.0	2010.9	2236.5
8°	135.6	135.8	134.8	136.6	152.1	284.2	700.2	1214.9	1750.2	2070.9	2315.3
9°	140.0	141.6	138.8	134.1	140.8	229.0	629.3	1206.7	1782.9	2130.8	2434.8
10°	147.6	150.5	146.2	137.4	135.2	174.4	547.7	1185.6	1807.2	2203.8	2526.3
11°	157.2	160.1	155.7	144.4	134.0	154.8	469.6	1170.0	1840.2	2238.2	2633.0
12°	164.2	164.7	163.3	152.6	137.5	144.1	403.3	1146.1	1859.8	2292.1	2752.8
13°	167.1	166.7	167.4	161.2	143.3	137.6	348.1	1126.6	1858.0	2349.6	2853.7
14°	175.9	178.9	177.1	168.1	149.7	133.7	304.3	1106.6	1859.4	2389.5	2950.5
15°	205.3	217.4	203.9	176.7	157.1	131.8	269.2	1082.7	1861.2	2443.2	3038.2
16°	257.3	282.0	251.7	194.1	165.1	131.7	234.2	1057.9	1856.4	2499.0	3087.9
17°	312.1	329.6	304.6	222.6	173.0	133.7	199.4	1030.8	1861.4	2545.6	3112.0
18°	337.2	337.8	331.8	257.0	183.1	137.4	175.0	1009.1	1853.8	2580.2	3042.4
19°	334.7	329.4	330.8	283.8	195.8	143.3	156.4	987.6	1844.6	2616.5	2972.8
20°	324.5	309.6	322.1	300.2	211.8	150.7	142.8	965.2	1848.2	2648.0	2886.2
21°	305.7	291.2	304.4	302.9	227.1	159.4	132.6	947.3	1846.9	2670.7	2817.3
22°	283.6	265.3	283.9	297.9	239.7	168.1	126.3	931.8	1852.0	2669.5	2774.6
23°	260.9	243.3	260.3	284.3	248.7	177.4	121.5	911.4	1846.4	2661.1	2730.6
24°	240.2	221.3	239.2	267.9	250.9	185.0	118.0	897.7	1845.3	2610.1	2792.2
25°	219.6	199.3	218.1	247.7	248.7	192.1	116.5	886.2	1851.3	2523.1	2863.7
26°	199.0	181.8	197.1	227.5	244.0	198.8	115.5	873.0	1857.2	2470.8	2936.7
27°	180.8	165.0	180.5	207.2	234.1	203.9	116.0	861.9	1856.5	2389.2	2996.3
28°	163.6	147.4	161.8	188.8	224.2	207.3	117.4	847.9	1860.0	2313.2	3029.9
29°	146.8	131.8	144.4	170.0	214.3	208.8	120.3	829.6	1860.2	2286.6	3055.3
30°	128.3	110.2	126.9	152.1	201.6	207.6	124.3	814.2	1854.2	2223.0	3080.6
31°	106.6	84.9	105.8	135.4	187.9	204.9	128.8	793.2	1848.8	2195.0	3100.1
32°	86.0	61.2	85.1	119.2	174.3	200.2	133.7	776.9	1834.1	2221.4	3124.7
33°	68.6	51.1	67.2	103.7	158.5	194.2	138.4	765.3	1818.1	2252.7	3136.4
34°	55.7	46.4	54.5	87.8	143.4	185.8	143.0	743.9	1808.4	2278.9	3142.6
35°	46.0	42.6	46.3	73.1	129.3	176.7	146.9	731.8	1788.9	2296.9	3150.0
36°	39.2	38.8	39.7	61.2	115.4	167.4	150.1	706.4	1758.5	2302.3	3157.4
37°	35.5	31.3	35.4	50.4	102.1	157.6	152.3	688.4	1733.2	2297.3	3162.6
38°	29.5	27.5	29.3	41.6	90.0	147.1	153.2	666.4	1707.3	2290.4	3163.8
39°	25.9	19.5	25.3	34.0	77.6	136.9	153.1	650.0	1676.0	2285.6	3163.4
40°	18.2	11.4	17.9	29.2	65.0	127.0	152.2	630.6	1620.4	2283.3	3162.3
41°	10.4	3.5	10.4	24.9	54.8	117.4	150.0	612.1	1566.7	2283.6	3161.9
42°	2.8	0.9	3.2	20.5	45.6	107.8	146.7	592.0	1516.5	2282.5	3176.3
43°	0.9	1.0	1.0	16.2	37.3	99.2	142.6	568.6	1457.9	2276.3	3175.5
44°	1.0	1.0	1.0	12.6	30.1	90.6	138.5	548.0	1387.7	2276.7	3179.9

REPORT NUMBER: P1444964

CATALOG NUMBER: CWP75 (75W-4000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	1.0	1.1	1.1	3.0	24.7	82.6	133.9	521.1	1328.7	2270.8	3185.0
46°	1.1	1.2	1.1	1.0	19.3	74.8	128.9	499.7	1275.5	2259.5	3192.0
47°	1.1	1.2	1.2	1.1	13.9	67.5	123.4	471.6	1209.9	2251.7	3190.0
48°	1.2	1.3	1.2	1.1	9.2	60.2	117.6	448.7	1156.0	2239.9	3198.4
49°	1.2	1.3	1.3	1.1	6.6	52.6	111.4	420.6	1120.6	2218.3	3178.1
50°	1.3	1.4	1.4	1.2	4.1	44.9	104.8	397.0	1097.3	2196.0	3150.3
51°	1.4	1.5	1.4	1.3	1.1	37.9	97.9	370.6	1069.3	2172.6	3185.3
52°	1.4	1.5	1.5	1.3	1.0	31.9	91.5	348.1	1042.3	2149.2	3240.1
53°	1.5	1.6	1.5	1.4	1.1	26.8	85.2	325.1	1010.2	2121.5	3229.7
54°	1.6	1.7	1.6	1.4	1.1	21.7	79.0	305.3	978.9	2084.2	3209.3
55°	1.6	1.7	1.7	1.5	1.2	16.6	72.9	284.6	946.4	2064.4	3190.6
56°	1.7	1.8	1.7	1.5	1.2	12.3	66.9	265.9	916.9	2047.6	3169.0
57°	1.8	1.9	1.8	1.6	1.2	8.5	61.2	248.0	890.2	2006.1	3165.7
58°	1.8	1.9	1.9	1.7	1.3	5.4	55.8	231.7	864.8	1965.3	3189.5
59°	1.9	2.0	2.0	1.7	1.3	3.1	50.5	215.8	844.5	1927.5	3193.8
60°	2.0	2.1	2.0	1.8	1.4	1.1	45.6	200.9	820.0	1897.0	3159.6
61°	2.1	2.2	2.1	1.9	1.4	1.0	41.1	187.5	794.0	1876.4	3124.4
62°	2.2	2.3	2.2	1.9	1.5	1.0	36.7	174.8	768.0	1849.6	3086.9
63°	2.3	2.4	2.3	2.0	1.6	1.0	32.7	162.3	746.8	1821.4	3056.2
64°	2.4	2.5	2.4	2.1	1.6	1.0	28.9	151.5	725.7	1790.9	3049.9
65°	2.4	2.6	2.5	2.2	1.7	1.1	25.0	141.6	703.9	1752.9	3013.0
66°	2.5	2.7	2.6	2.3	1.7	1.1	21.0	130.3	684.1	1712.7	2986.3
67°	2.6	2.8	2.7	2.3	1.8	1.1	17.0	120.0	663.1	1679.0	2962.1
68°	2.7	2.9	2.8	2.4	1.8	1.2	13.4	109.9	640.6	1641.6	2915.1
69°	2.8	3.0	2.9	2.5	1.9	1.2	10.1	100.1	620.8	1609.6	2873.5
70°	2.9	3.0	2.9	2.6	1.9	1.2	7.2	91.1	601.0	1574.0	2828.2
71°	3.0	3.1	3.0	2.6	2.0	1.3	4.8	82.1	580.2	1533.9	2767.0
72°	3.1	3.2	3.1	2.7	2.1	1.3	2.8	73.1	561.6	1491.8	2714.8
73°	3.1	3.3	3.2	2.8	2.1	1.3	1.7	65.3	541.2	1446.4	2666.2
74°	3.2	3.4	3.3	2.9	2.2	1.4	1.4	58.4	520.9	1404.8	2629.4
75°	3.3	3.5	3.4	2.9	2.2	1.4	1.1	51.7	499.4	1365.6	2572.6
76°	3.4	3.6	3.5	3.0	2.3	1.4	1.0	45.4	478.4	1327.3	2517.5
77°	3.5	3.7	3.5	3.1	2.3	1.5	0.9	39.5	458.4	1288.5	2448.3
78°	3.6	3.8	3.6	3.2	2.4	1.5	0.8	33.9	438.8	1243.0	2377.7
79°	3.7	3.8	3.7	3.2	2.4	1.5	0.8	28.7	418.8	1196.9	2311.6
80°	3.7	3.9	3.8	3.3	2.5	1.6	0.8	23.9	398.4	1152.2	2229.8
81°	3.8	4.0	3.9	3.4	2.5	1.6	0.8	19.5	379.3	1106.7	2173.4
82°	3.9	4.1	3.9	3.4	2.6	1.6	0.9	15.5	360.6	1072.0	2110.1
83°	3.9	4.1	4.0	3.5	2.6	1.7	0.9	11.9	343.4	1027.5	2031.6
84°	3.9	4.1	4.0	3.5	2.6	1.7	0.9	9.2	330.2	1005.0	1993.5
85°	4.0	4.2	4.0	3.5	2.7	1.7	0.9	6.5	313.8	971.4	1910.5
86°	4.1	4.3	4.1	3.6	2.7	1.7	0.9	3.8	302.7	937.5	1854.4
87°	4.1	4.3	4.2	3.7	2.8	1.8	1.0	2.2	290.0	903.6	1798.2
88°	4.2	4.4	4.3	3.7	2.8	1.8	1.0	1.1	280.6	876.4	1718.7
89°	4.3	4.5	4.3	3.8	2.9	1.9	1.0	0.6	271.9	851.4	1671.0

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CATALOG NUMBER: CWP75 (75W-4000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
90°	4.4	4.6	4.4	3.8	2.9	1.9	1.0	0.5	263.8	832.0	1624.1
91°	4.4	4.6	4.5	3.9	2.9	1.9	1.0	0.4	256.0	817.6	1582.5
92°	4.5	4.7	4.5	3.9	3.0	1.9	1.1	0.4	247.3	801.4	1562.7
93°	4.5	4.7	4.6	4.0	3.0	2.0	1.1	0.3	238.6	784.6	1539.0
94°	4.6	4.8	4.6	4.0	3.1	2.0	1.1	0.3	229.3	762.9	1509.9
95°	4.6	4.8	4.7	4.1	3.1	2.0	1.1	0.3	219.8	737.2	1475.6
96°	4.7	4.9	4.7	4.1	3.1	2.1	1.2	0.4	211.4	712.9	1433.1
97°	4.7	4.9	4.8	4.2	3.2	2.1	1.2	0.4	202.0	687.8	1393.1
98°	4.8	5.0	4.8	4.2	3.2	2.1	1.2	0.4	193.4	663.3	1352.8
99°	4.8	5.1	4.9	4.2	3.2	2.2	1.2	0.4	185.3	641.7	1314.1
100°	4.9	5.1	4.9	4.3	3.3	2.2	1.3	0.4	177.3	620.2	1277.0
101°	4.9	5.1	4.9	4.3	3.3	2.2	1.3	0.4	168.7	596.9	1237.6
102°	4.9	5.2	5.0	4.3	3.3	2.2	1.3	0.4	160.6	573.6	1199.7
103°	4.9	5.2	5.0	4.4	3.3	2.3	1.3	0.4	153.3	551.3	1159.4
104°	5.0	5.2	5.0	4.4	3.4	2.3	1.4	0.4	146.3	530.1	1118.2
105°	5.0	5.2	5.0	4.4	3.4	2.3	1.4	0.4	139.9	507.8	1076.2
106°	5.0	5.2	5.0	4.4	3.4	2.3	1.4	0.4	133.3	486.9	1037.1
107°	4.9	5.2	5.0	4.4	3.4	2.3	1.4	0.4	127.6	467.2	997.9
108°	4.9	5.2	5.0	4.3	3.4	2.3	1.4	0.4	122.3	448.7	961.8
109°	4.9	5.2	5.0	4.3	3.4	2.3	1.4	0.4	117.3	430.5	925.6
110°	4.9	5.2	5.0	4.4	3.4	2.3	1.4	0.4	112.7	413.5	889.5
111°	4.9	5.2	5.0	4.4	3.4	2.4	1.5	0.4	108.3	396.7	852.3
112°	4.9	5.1	5.0	4.3	3.4	2.4	1.5	0.4	103.8	379.6	818.4
113°	4.8	5.1	4.9	4.3	3.3	2.4	1.5	0.4	98.6	362.8	783.6
114°	4.7	5.0	4.8	4.2	3.3	2.4	1.5	0.4	93.8	345.8	749.8
115°	4.7	4.9	4.8	4.2	3.3	2.4	1.5	0.4	89.0	329.0	717.4
116°	4.6	4.9	4.7	4.2	3.3	2.4	1.5	0.4	84.4	313.8	685.5
117°	4.6	4.9	4.7	4.1	3.3	2.4	1.6	0.5	80.0	301.0	655.9
118°	4.6	4.8	4.7	4.1	3.3	2.4	1.6	0.5	75.2	287.8	626.4
119°	4.5	4.8	4.7	4.1	3.3	2.4	1.6	0.5	70.4	274.9	598.0
120°	4.5	4.8	4.7	4.1	3.3	2.4	1.6	0.5	65.7	262.1	570.1
121°	4.5	4.8	4.7	4.1	3.3	2.5	1.7	0.5	61.7	248.9	543.3
122°	4.5	4.8	4.6	4.1	3.4	2.5	1.7	0.5	58.3	235.8	516.7
123°	4.5	4.8	4.6	4.2	3.4	2.5	1.7	0.5	55.6	222.7	490.4
124°	4.5	4.8	4.7	4.2	3.4	2.6	1.8	0.5	53.5	209.9	465.5
125°	4.5	4.8	4.7	4.2	3.5	2.6	1.8	0.6	51.7	197.6	443.2
126°	4.5	4.8	4.7	4.2	3.5	2.7	1.8	0.6	49.9	186.4	423.2
127°	4.5	4.8	4.7	4.2	3.5	2.7	1.9	0.6	48.0	176.8	402.2
128°	4.5	4.8	4.7	4.3	3.6	2.7	1.9	0.6	46.1	168.6	381.8
129°	4.5	4.8	4.7	4.3	3.6	2.8	2.0	0.6	44.9	162.0	361.8
130°	4.5	4.8	4.7	4.3	3.6	2.8	2.0	0.7	43.8	157.0	342.6
131°	4.5	4.8	4.7	4.3	3.7	2.9	2.0	0.7	42.6	152.1	324.6
132°	4.5	4.8	4.7	4.4	3.7	2.9	2.1	0.7	41.5	145.1	305.8
133°	4.5	4.8	4.7	4.4	3.7	2.9	2.1	0.8	40.0	137.2	288.4
134°	4.5	4.8	4.7	4.4	3.8	3.0	2.2	0.8	38.2	129.2	272.2

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CATALOG NUMBER: CWP75 (75W-4000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
135°	4.5	4.8	4.7	4.4	3.8	3.0	2.2	0.8	36.5	122.1	256.5
136°	4.5	4.7	4.7	4.4	3.8	3.0	2.3	0.8	34.8	115.4	240.5
137°	4.5	4.7	4.7	4.4	3.8	3.1	2.3	0.9	32.7	109.8	225.2
138°	4.5	4.7	4.7	4.4	3.8	3.1	2.3	0.9	30.6	104.4	211.0
139°	4.5	4.7	4.7	4.4	3.8	3.1	2.4	0.9	28.6	98.9	198.0
140°	4.5	4.7	4.7	4.4	3.9	3.1	2.4	1.0	26.7	94.9	186.0
141°	4.4	4.7	4.7	4.4	3.9	3.2	2.5	1.0	24.7	91.0	174.5
142°	4.4	4.7	4.6	4.4	3.9	3.2	2.5	1.1	22.8	87.1	164.6
143°	4.4	4.6	4.6	4.4	3.9	3.2	2.6	1.1	20.9	84.3	156.2
144°	4.4	4.6	4.6	4.4	3.9	3.3	2.6	1.1	19.0	81.3	148.3
145°	4.4	4.6	4.6	4.4	3.9	3.3	2.7	1.2	17.2	77.6	140.7
146°	4.3	4.5	4.6	4.3	3.9	3.3	2.7	1.2	15.4	73.5	133.1
147°	4.3	4.5	4.5	4.3	3.9	3.4	2.8	1.3	13.8	68.7	126.0
148°	4.2	4.5	4.5	4.3	3.9	3.4	2.9	1.3	12.1	64.4	119.4
149°	4.2	4.4	4.4	4.2	3.9	3.4	2.9	1.4	10.8	60.3	113.5
150°	4.1	4.3	4.3	4.2	3.9	3.4	3.0	1.4	9.5	56.5	107.1
151°	4.0	4.2	4.3	4.2	3.9	3.5	3.0	1.5	8.2	53.0	100.9
152°	4.0	4.2	4.2	4.1	3.9	3.5	3.1	1.5	7.1	49.4	94.5
153°	3.9	4.1	4.1	4.0	3.8	3.5	3.1	1.6	5.9	46.1	88.2
154°	3.8	3.9	4.0	3.9	3.8	3.5	3.2	1.6	4.7	42.6	81.8
155°	3.7	3.8	3.9	3.9	3.7	3.5	3.2	1.7	3.6	39.0	75.6
156°	3.6	3.7	3.8	3.8	3.7	3.5	3.3	1.7	2.5	35.4	69.5
157°	3.5	3.6	3.7	3.7	3.6	3.5	3.3	1.8	1.8	31.8	63.6
158°	3.4	3.5	3.6	3.6	3.6	3.5	3.3	1.8	1.7	28.4	57.9
159°	3.3	3.4	3.5	3.5	3.5	3.4	3.3	1.9	1.8	25.2	52.5
160°	3.2	3.2	3.3	3.4	3.4	3.4	3.3	1.9	1.9	22.3	47.2
161°	3.1	3.1	3.2	3.2	3.3	3.3	3.3	2.0	1.8	19.4	42.1
162°	3.0	3.0	3.0	3.1	3.2	3.2	3.2	2.0	1.8	16.5	37.2
163°	2.9	2.8	2.9	2.9	3.0	3.1	3.2	2.1	1.9	13.2	32.6
164°	2.7	2.7	2.7	2.8	2.9	3.0	3.1	2.1	1.9	10.4	28.1
165°	2.6	2.6	2.6	2.6	2.8	2.9	3.0	2.1	2.0	7.5	24.1
166°	2.5	2.4	2.4	2.5	2.6	2.8	2.9	2.2	2.0	4.6	20.2
167°	2.4	2.3	2.3	2.3	2.5	2.7	2.9	2.2	2.0	2.6	16.3
168°	2.4	2.2	2.1	2.2	2.4	2.6	2.8	2.2	2.1	2.0	12.1
169°	2.3	2.1	2.0	2.1	2.2	2.5	2.7	2.3	2.1	2.1	8.8
170°	2.2	2.1	2.0	2.0	2.1	2.4	2.6	2.3	2.1	2.0	5.5
171°	2.2	2.0	1.9	1.9	2.1	2.3	2.6	2.3	2.2	2.0	2.2
172°	2.2	2.0	1.9	1.9	2.0	2.3	2.5	2.3	2.2	2.0	2.0
173°	2.1	1.9	1.8	1.8	2.0	2.2	2.5	2.3	2.2	2.1	1.9
174°	2.1	1.9	1.8	1.8	1.9	2.2	2.4	2.4	2.3	2.1	1.9
175°	2.1	1.9	1.8	1.8	1.9	2.1	2.3	2.4	2.3	2.2	2.0
176°	2.1	1.9	1.7	1.7	1.8	2.0	2.2	2.4	2.3	2.2	2.0
177°	2.1	1.9	1.7	1.7	1.8	2.0	2.2	2.5	2.4	2.2	2.1
178°	2.1	1.9	1.7	1.7	1.7	1.9	2.1	2.5	2.4	2.3	2.1
179°	2.1	1.9	1.7	1.7	1.7	1.8	2.0	2.6	2.5	2.3	2.2



REPORT NUMBER: P1444964
CATALOG NUMBER: CWP75 (75W-4000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
180°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8

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CATALOG NUMBER: CWP75 (75W-4000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	1282.7	1282.7	1282.7
1°	1544.0	1598.8	1618.0
2°	1764.3	1790.5	1803.7
3°	1882.4	1941.0	1962.5
4°	2016.8	2090.8	2121.2
5°	2151.2	2240.7	2279.9
6°	2285.7	2358.8	2412.6
7°	2399.6	2522.5	2572.3
8°	2535.1	2680.1	2751.4
9°	2677.3	2860.7	2928.0
10°	2833.3	3027.7	3099.1
11°	2976.5	3184.6	3250.5
12°	3110.5	3284.9	3337.7
13°	3207.9	3326.4	3293.7
14°	3270.8	3239.1	3265.6
15°	3199.6	3182.2	3168.8
16°	3154.0	3154.3	3177.0
17°	3047.7	3114.1	3179.5
18°	3057.6	3198.7	3322.0
19°	3000.2	3326.8	3435.0
20°	3091.2	3450.3	3552.4
21°	3202.0	3549.7	3645.6
22°	3318.2	3634.1	3726.8
23°	3397.5	3697.6	3788.3
24°	3457.5	3763.5	3851.0
25°	3516.7	3836.9	3945.4
26°	3582.6	3904.7	4009.4
27°	3634.0	3960.9	4064.9
28°	3685.6	4012.4	4132.4
29°	3727.1	4070.6	4213.1
30°	3767.4	4140.0	4262.3
31°	3806.2	4186.3	4302.6
32°	3845.3	4223.0	4333.3
33°	3885.3	4257.2	4380.5
34°	3911.0	4311.1	4426.9
35°	3952.3	4362.6	4511.3
36°	3984.5	4414.4	4555.8
37°	4003.9	4454.1	4550.8
38°	4020.5	4502.4	4659.9
39°	4043.7	4534.0	4623.6
40°	4056.6	4561.0	4697.0
41°	4053.2	4619.7	4779.4
42°	4070.2	4619.5	4648.8
43°	4082.2	4617.3	4811.3
44°	4062.8	4644.6	4679.5

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CATALOG NUMBER: CWP75 (75W-4000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	4072.5	4477.9	4364.7
46°	4038.8	4491.5	4956.1
47°	3962.2	4889.2	5237.9
48°	4034.5	4939.3	4780.2
49°	4147.2	4662.2	4756.7
50°	4096.0	4649.5	4866.3
51°	4075.0	4641.0	4716.9
52°	4095.2	4616.4	4992.7
53°	4004.2	4858.2	5268.8
54°	4019.0	4982.5	5098.1
55°	4125.7	4833.9	4989.5
56°	4143.2	4785.9	5033.3
57°	4147.5	4782.1	4924.1
58°	4131.6	4673.2	4834.6
59°	4074.3	4639.7	4904.2
60°	4035.2	4689.8	4874.7
61°	4037.2	4627.6	4775.6
62°	4026.6	4589.0	4826.0
63°	4000.2	4617.7	4766.4
64°	4000.1	4522.3	4642.3
65°	3974.5	4407.1	4546.4
66°	3901.9	4371.7	4545.6
67°	3829.8	4303.4	4438.6
68°	3794.2	4175.1	4325.4
69°	3715.0	4144.2	4336.1
70°	3646.3	4081.5	4240.4
71°	3598.4	4074.3	4261.7
72°	3554.1	3962.7	4077.1
73°	3489.9	3904.6	4094.2
74°	3419.0	3834.4	3968.6
75°	3354.2	3739.3	3899.3
76°	3258.8	3631.5	3788.6
77°	3177.2	3586.6	3746.3
78°	3109.5	3470.5	3639.5
79°	3007.8	3393.5	3557.0
80°	2927.0	3349.1	3502.8
81°	2888.5	3270.0	3423.3
82°	2772.0	3151.2	3307.4
83°	2688.3	3078.3	3227.0
84°	2658.6	3056.4	3213.9
85°	2549.3	2935.2	3084.1
86°	2459.5	2823.5	2971.4
87°	2418.2	2783.1	2928.4
88°	2309.2	2698.2	2852.1
89°	2218.8	2574.2	2715.5

REPORT NUMBER: P1444964

CATALOG NUMBER: CWP75 (75W-4000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
90°	2178.4	2514.5	2633.6
91°	2103.9	2464.3	2598.1
92°	2045.5	2368.3	2512.3
93°	2028.5	2304.7	2425.8
94°	2001.1	2293.2	2397.2
95°	1963.9	2263.2	2378.9
96°	1927.6	2223.6	2336.0
97°	1879.0	2179.8	2298.0
98°	1840.5	2126.6	2240.8
99°	1802.0	2094.1	2200.5
100°	1757.1	2054.1	2173.2
101°	1717.2	2008.9	2118.9
102°	1678.1	1972.2	2076.7
103°	1637.0	1929.6	2037.2
104°	1592.5	1887.2	1995.6
105°	1547.4	1841.8	1951.8
106°	1500.6	1794.4	1904.7
107°	1454.5	1749.4	1859.3
108°	1407.3	1699.0	1807.6
109°	1363.8	1649.6	1755.7
110°	1319.1	1599.6	1704.9
111°	1274.9	1551.7	1653.8
112°	1231.7	1502.3	1602.9
113°	1190.8	1454.1	1553.5
114°	1150.1	1407.6	1505.3
115°	1109.1	1363.4	1456.7
116°	1068.5	1317.8	1411.2
117°	1029.5	1274.5	1363.3
118°	992.8	1230.8	1318.6
119°	957.0	1187.0	1274.0
120°	921.2	1144.6	1232.1
121°	885.3	1102.2	1185.8
122°	849.9	1062.0	1141.9
123°	813.2	1019.8	1100.1
124°	777.7	979.1	1058.1
125°	743.4	942.6	1015.9
126°	708.7	906.2	976.4
127°	673.6	866.6	936.9
128°	641.4	828.0	897.4
129°	608.9	790.5	857.9
130°	576.7	753.4	818.2
131°	544.9	717.1	780.7
132°	513.5	680.8	742.9
133°	483.3	645.0	705.8
134°	453.5	610.3	669.4

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CATALOG NUMBER: CWP75 (75W-4000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
135°	424.2	576.0	633.7
136°	396.1	542.8	598.4
137°	369.2	511.5	563.7
138°	344.3	479.2	532.0
139°	320.7	448.1	499.3
140°	299.1	416.7	467.6
141°	277.9	384.6	434.6
142°	256.2	352.2	400.8
143°	235.5	320.1	366.5
144°	216.6	289.0	332.5
145°	198.4	258.4	298.1
146°	181.8	231.4	265.0
147°	166.9	206.8	232.9
148°	154.2	184.1	201.8
149°	143.7	165.4	175.6
150°	136.3	154.3	159.9
151°	130.7	150.3	158.0
152°	124.9	147.4	156.5
153°	117.6	140.2	149.2
154°	109.9	131.6	140.0
155°	102.2	122.1	129.8
156°	95.1	113.4	120.4
157°	87.9	105.1	111.5
158°	80.8	97.3	102.8
159°	74.3	89.5	94.9
160°	67.8	81.7	87.0
161°	61.6	74.4	79.1
162°	55.6	67.5	72.0
163°	50.1	61.1	65.2
164°	44.6	54.9	58.7
165°	38.7	48.9	52.4
166°	32.8	42.4	45.9
167°	27.5	35.5	39.0
168°	22.8	29.3	32.1
169°	18.0	24.0	26.2
170°	13.2	18.7	20.8
171°	9.5	13.7	15.7
172°	5.7	9.7	10.0
173°	1.9	5.8	5.9
174°	1.8	1.8	1.8
175°	1.8	1.7	1.6
176°	1.9	1.7	1.7
177°	1.9	1.8	1.7
178°	1.9	1.8	1.7
179°	2.0	1.8	1.8

REPORT NUMBER: P1444964

CATALOG NUMBER: CWP75 (75W-4000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	1.8	1.8	1.8

(END OF REPORT)