

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: P1444956

Luminaire Tested: CWP75 (30W-5000K)

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2024
Report Number: P1444956
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 (30W-5000K)
Description: COMPACT WALL PACK, 75W
SET TO 30W, 5000K CCT
Light Source: 3000K/5000K CCT, 80 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4130 lumens
Efficiency: N/A
Efficacy: 140.5 lumens/watt
Luminous Opening: Circular (Dia: 1.88m x H: 0m)
IES Classification: Type IV - Short
BUG Rating: B0 - U4 - G3

Input Watts (W): 29.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



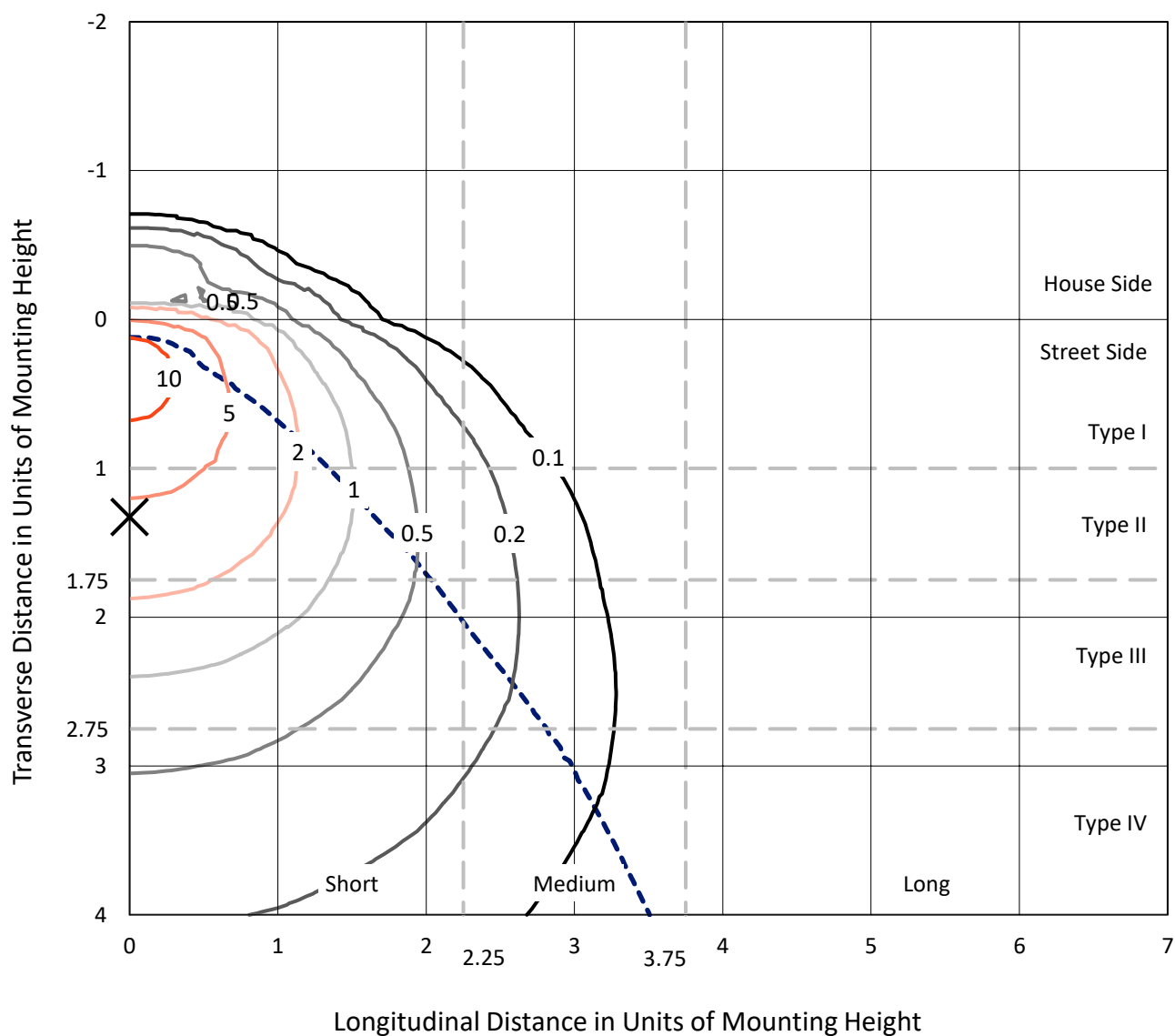
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



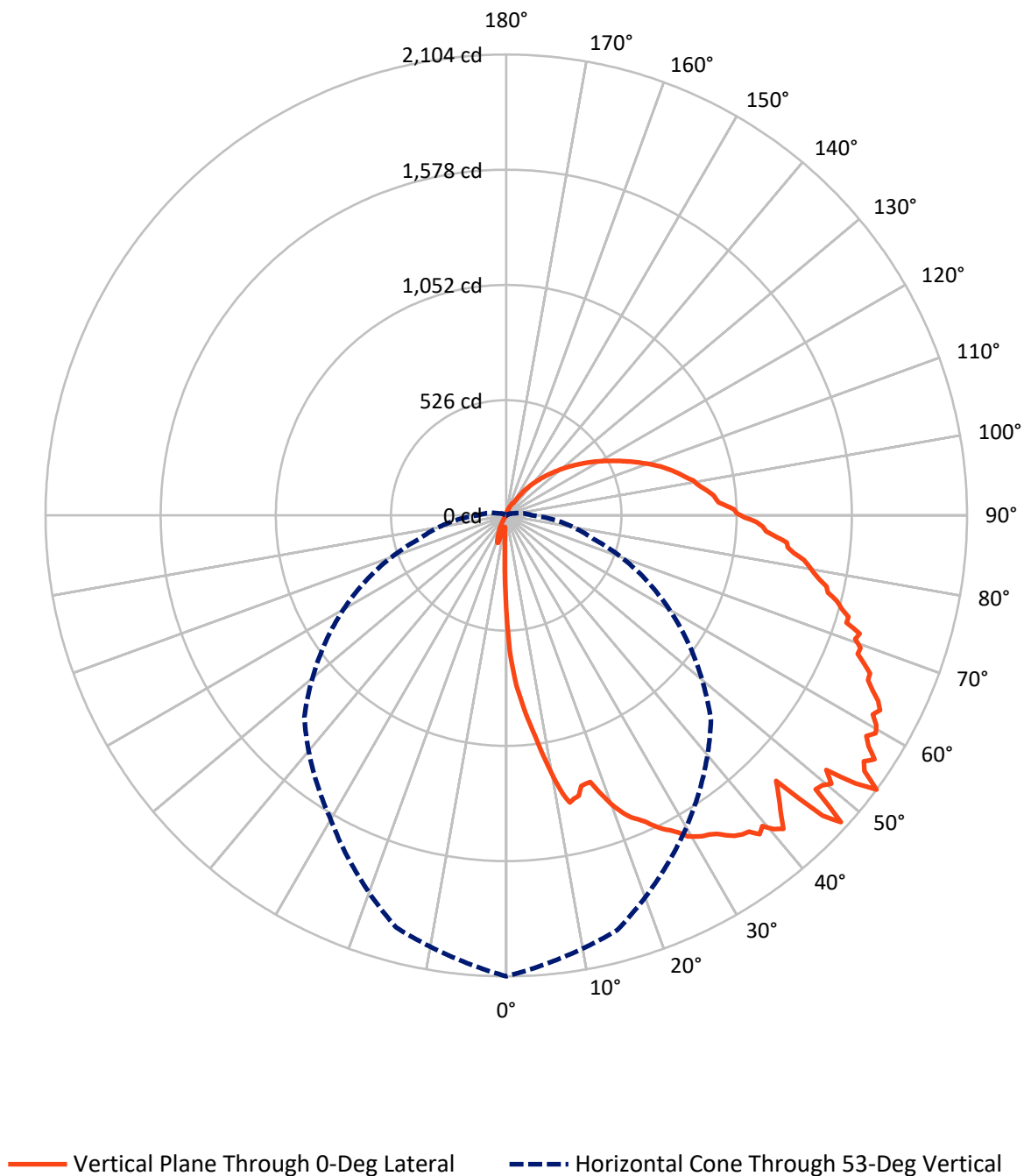
Based on 10 foot mounting height. Maximum calculated value = 12.1 fc

Type IV - Short - N/A

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Luminous Intensity Polar Plot



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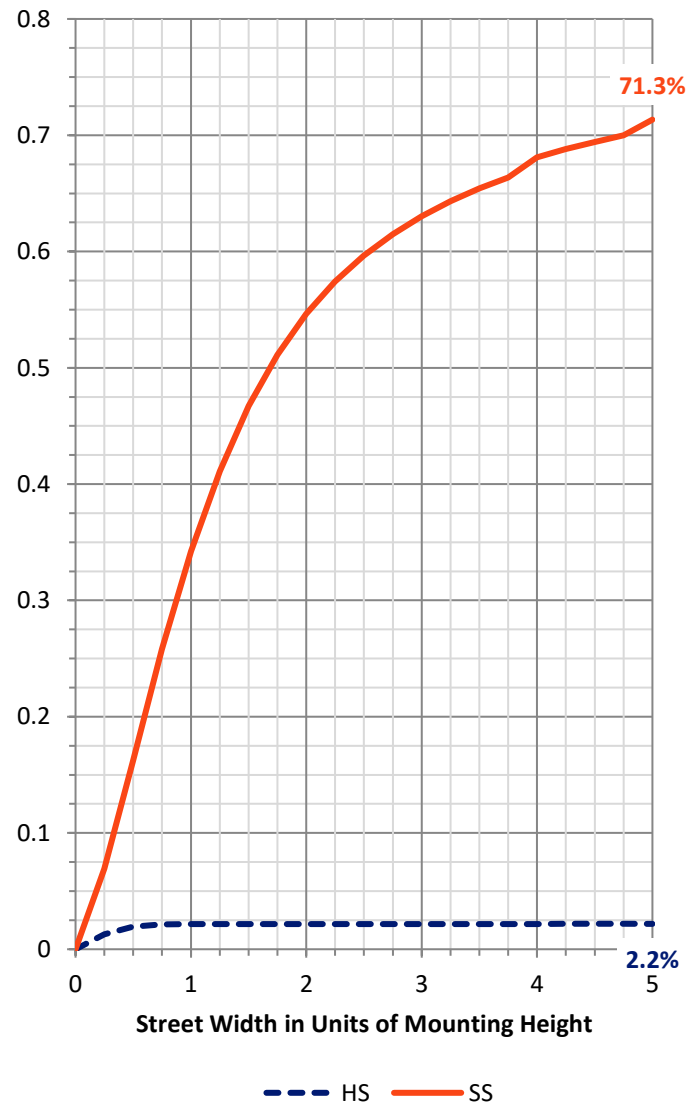
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	91.1	3.9	95.0
	% Fixture	2.2	0.1	2.3
Street Side	Lumens	3230.8	804.2	4035.0
	% Fixture	78.2	19.5	97.7
Total	Lumens	3321.9	808.1	4130.0
	% Fixture	80.4	19.6	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.3	1.1
10°-20°	165.1	4.0
20°-30°	288.0	7.0
30°-40°	401.2	9.7
40°-50°	482.0	11.7
50°-60°	539.0	13.0
60°-70°	541.3	13.1
70°-80°	479.9	11.6
80°-90°	378.2	9.2
90°-100°	288.1	7.0
100°-110°	216.2	5.2
110°-120°	144.4	3.5
120°-130°	86.9	2.1
130°-140°	45.5	1.1
140°-150°	18.7	0.5
150°-160°	6.7	0.2
160°-170°	1.7	0.0
170°-180°	0.1	0.0
0°-90°	3321.9	80.4
0°-180°	4130.0	100.0

Coefficient of Utilization



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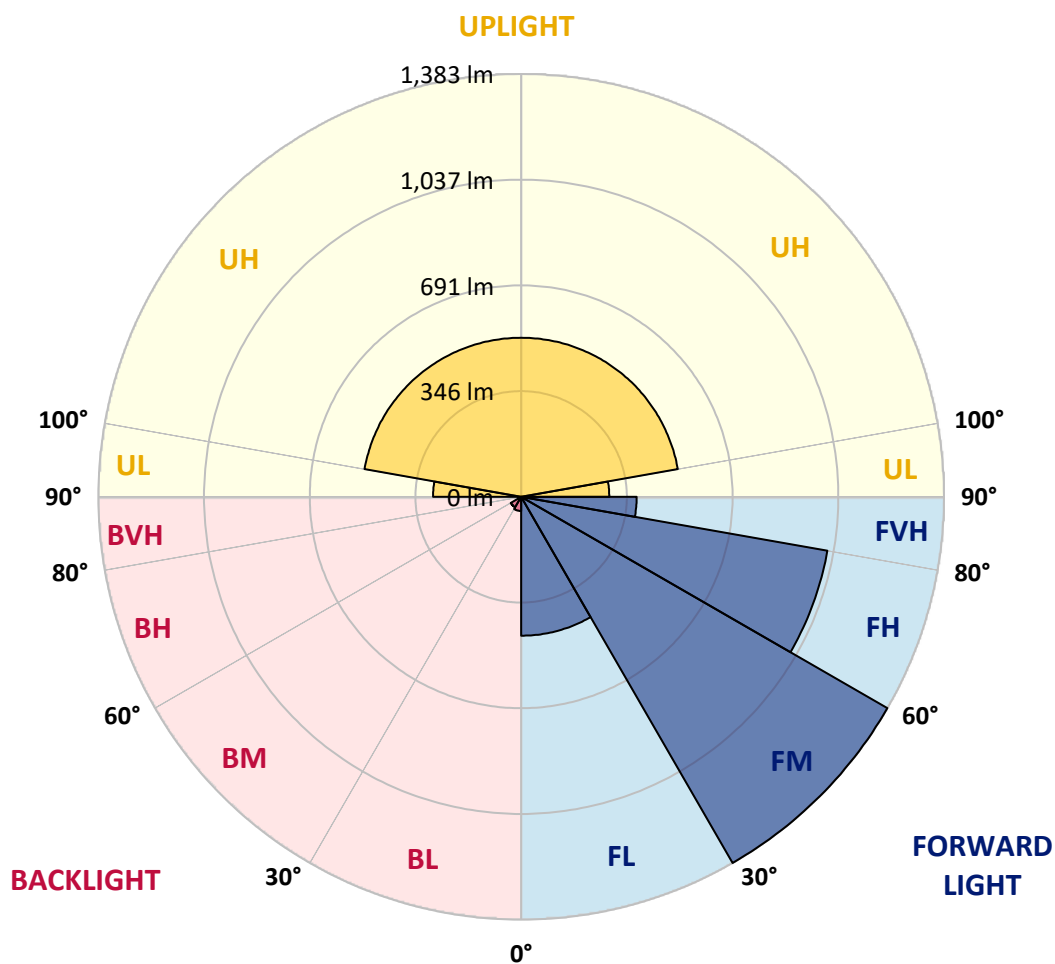
CATALOG NUMBER: CWP75 (30W-5000K)

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	454.2	11.0			
FM	(30°-60°)	1382.6	33.5			
FH	(60°-80°)	1016.5	24.6			G1/1800
FVH	(80°-90°)	377.5	9.1			G3/500
BL	(0°-30°)	46.3	1.1	B0/110		
BM	(30°-60°)	39.5	1.0	B0/220		
BH	(60°-80°)	4.7	0.1	B0/110		G0/110
BVH	(80°-90°)	0.7	0.0			G0/10
UL	(90°-100°)	288.1	7.0		U3/500	
UH	(100°-180°)	520.0	12.6		U4/1000	

BUG Rating: B0-U4-G3

Type IV Short



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CATALOG NUMBER: CWP75 (30W-5000K)

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	483.0	483.0	483.0	483.0	483.0	483.0	483.0	483.0	483.0	483.0	483.0
1°	622.2	622.8	611.4	592.6	564.2	532.6	464.4	435.5	407.3	384.7	368.5
2°	701.1	698.2	690.7	675.2	635.9	570.1	465.6	402.1	340.3	305.3	283.4
3°	780.6	772.6	748.8	712.4	682.2	604.9	463.3	365.5	287.3	225.9	198.2
4°	835.6	824.7	811.7	772.3	703.9	634.4	459.4	329.6	230.1	146.9	113.5
5°	902.0	894.6	861.8	811.9	738.5	667.9	463.4	303.2	173.1	108.2	79.2
6°	957.6	939.5	910.2	852.4	789.0	679.7	456.9	275.5	131.5	79.5	62.0
7°	1018.4	1005.9	959.3	901.3	806.8	687.9	452.2	245.1	105.9	63.6	56.0
8°	1091.2	1070.0	1011.4	931.5	830.1	701.3	451.8	214.7	84.8	57.5	53.0
9°	1161.6	1139.4	1071.0	977.5	867.4	715.2	447.0	184.3	68.6	54.1	52.9
10°	1234.2	1206.6	1134.3	1012.5	886.6	732.9	445.7	157.3	60.8	52.7	55.0
11°	1296.6	1273.3	1196.2	1064.6	902.7	754.5	438.2	136.2	57.0	53.0	57.7
12°	1342.5	1320.7	1247.4	1107.3	939.9	759.3	427.7	119.4	54.9	54.9	61.0
13°	1328.7	1336.9	1294.1	1149.2	961.7	759.9	422.2	105.4	53.5	57.3	63.9
14°	1321.7	1312.1	1326.8	1194.2	975.7	766.4	414.3	92.4	53.0	60.3	66.3
15°	1282.1	1287.2	1305.4	1241.7	1001.9	766.7	406.7	81.0	53.3	63.4	70.9
16°	1277.7	1276.9	1292.7	1268.6	1027.9	773.7	399.2	71.1	54.3	66.8	80.2
17°	1275.9	1252.2	1244.7	1277.7	1045.1	774.2	386.8	63.0	55.7	70.5	94.8
18°	1329.8	1277.6	1243.4	1247.3	1071.8	765.1	376.8	58.0	57.7	75.5	109.6
19°	1378.2	1335.7	1216.3	1223.2	1086.4	760.6	371.2	54.5	60.2	81.7	119.8
20°	1423.8	1389.2	1248.8	1188.7	1093.7	765.3	359.4	52.1	63.0	88.9	124.1
21°	1461.0	1429.7	1299.0	1159.9	1105.8	763.3	351.9	50.6	66.1	96.1	123.3
22°	1492.6	1456.7	1347.2	1150.0	1113.3	764.2	341.6	49.4	69.4	101.4	119.9
23°	1512.7	1481.0	1380.4	1130.9	1113.9	760.2	334.6	48.7	73.5	104.7	113.3
24°	1537.8	1507.9	1402.3	1146.7	1094.2	758.9	328.1	48.2	77.2	105.3	106.0
25°	1570.3	1538.0	1423.8	1177.6	1062.2	766.3	320.4	48.4	80.6	104.5	98.1
26°	1599.4	1566.7	1446.5	1207.1	1029.2	764.2	312.7	49.1	83.4	101.4	90.2
27°	1620.1	1591.7	1467.6	1229.4	996.9	762.1	306.3	50.0	85.5	97.9	82.5
28°	1646.4	1611.9	1487.6	1245.7	967.5	763.8	299.8	51.4	86.9	93.6	75.1
29°	1683.1	1639.3	1506.8	1258.9	953.6	763.5	295.9	53.3	87.1	88.0	67.9
30°	1701.1	1666.1	1524.1	1271.5	927.0	766.9	291.2	55.3	86.3	82.4	60.5
31°	1717.3	1685.8	1540.2	1278.0	910.5	763.3	280.3	57.5	84.9	76.3	53.5
32°	1727.2	1704.1	1554.7	1277.6	914.3	758.8	273.8	60.0	82.6	69.9	46.7
33°	1743.4	1719.8	1575.2	1285.3	928.6	753.9	266.2	62.3	79.8	63.5	40.4
34°	1771.6	1732.2	1590.3	1293.5	936.6	746.8	261.1	64.3	76.4	57.6	34.3
35°	1796.8	1755.0	1600.9	1296.9	944.4	739.8	253.8	66.1	72.5	51.6	28.7
36°	1811.2	1775.9	1615.1	1297.0	948.6	733.6	245.7	67.2	68.5	46.0	24.4
37°	1820.0	1785.2	1631.7	1297.8	948.4	716.8	238.8	68.1	64.3	40.6	20.1
38°	1859.3	1804.7	1643.6	1299.4	941.7	704.0	232.5	68.3	60.1	35.5	15.9
39°	1838.2	1816.5	1645.6	1301.5	934.8	688.6	225.2	68.0	55.7	30.3	13.6
40°	1882.8	1812.7	1654.1	1300.0	933.4	672.5	218.3	67.5	51.5	25.8	11.8
41°	1909.6	1849.4	1649.3	1298.3	933.3	649.5	211.4	66.2	47.5	22.0	9.6
42°	1857.6	1850.6	1661.3	1295.8	929.9	627.3	204.6	64.3	43.6	18.1	8.0
43°	1814.5	1847.0	1678.8	1302.5	926.1	604.4	198.3	62.1	39.8	14.3	6.9
44°	1771.5	1873.4	1666.4	1306.0	922.3	578.8	190.4	59.6	36.3	11.8	5.3

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CATALOG NUMBER: CWP75 (30W-5000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	1728.6	1784.6	1677.2	1307.3	922.0	554.8	182.9	57.1	32.8	9.8	0.8
46°	1991.8	1782.9	1665.7	1306.6	919.0	528.6	175.6	54.3	29.6	7.6	0.4
47°	2073.3	1811.7	1614.3	1306.7	916.0	506.8	167.8	51.5	26.6	5.3	0.4
48°	1887.2	1841.3	1641.0	1306.5	908.0	483.3	159.0	48.6	23.4	3.6	0.4
49°	1897.5	1870.9	1704.1	1309.0	898.7	459.7	150.7	45.8	20.3	2.7	0.4
50°	1924.7	1867.2	1698.6	1285.9	891.0	443.4	142.1	43.1	17.2	1.6	0.4
51°	1867.0	1854.1	1673.9	1287.3	883.6	431.4	134.2	40.3	14.5	0.4	0.5
52°	2010.6	1839.6	1681.6	1318.6	870.5	420.0	124.6	37.5	12.0	0.4	0.5
53°	2104.1	1959.7	1644.8	1321.5	860.4	409.6	117.0	34.9	9.8	0.4	0.5
54°	2009.2	2002.2	1627.0	1305.4	842.7	394.2	109.8	32.3	7.9	0.4	0.5
55°	1982.1	1930.3	1686.7	1301.9	825.8	382.9	103.3	29.9	6.1	0.4	0.5
56°	2016.3	1923.6	1717.1	1291.6	827.9	370.5	95.8	27.4	4.5	0.4	0.6
57°	1962.9	1942.0	1703.5	1283.4	820.0	356.9	90.4	25.0	3.0	0.4	0.6
58°	1928.7	1899.1	1692.5	1297.3	796.6	344.7	84.4	22.8	2.0	0.5	0.6
59°	1958.5	1877.5	1678.1	1297.5	779.3	333.8	79.3	20.7	1.0	0.5	0.6
60°	1941.8	1895.4	1657.9	1287.6	764.0	327.0	74.1	18.6	0.4	0.5	0.7
61°	1904.5	1876.6	1649.2	1272.6	749.4	318.6	68.7	16.5	0.4	0.5	0.7
62°	1924.7	1845.3	1644.6	1258.6	742.5	307.2	63.6	14.6	0.4	0.6	0.7
63°	1897.6	1857.2	1637.4	1245.2	733.8	296.9	59.4	12.9	0.4	0.6	0.8
64°	1853.7	1834.9	1638.4	1230.1	718.3	287.8	54.3	11.4	0.4	0.6	0.8
65°	1815.3	1785.1	1634.7	1213.4	705.0	279.2	50.1	9.7	0.4	0.6	0.8
66°	1811.4	1759.5	1607.3	1203.5	688.7	272.8	46.2	7.9	0.4	0.6	0.9
67°	1769.8	1749.5	1575.4	1200.5	673.1	264.4	42.1	6.4	0.4	0.7	0.9
68°	1725.5	1697.4	1548.4	1187.5	659.8	255.4	38.2	5.0	0.4	0.7	0.9
69°	1727.4	1673.9	1516.9	1163.4	643.2	246.8	34.6	3.7	0.4	0.7	1.0
70°	1690.7	1652.8	1487.0	1145.9	631.4	238.6	31.3	2.6	0.5	0.7	1.0
71°	1702.6	1643.7	1470.7	1121.9	616.9	229.7	28.0	1.6	0.5	0.8	1.0
72°	1629.5	1616.6	1450.0	1095.8	599.8	222.7	24.7	0.9	0.5	0.8	1.0
73°	1629.6	1572.4	1443.6	1079.0	582.3	215.9	21.9	0.6	0.5	0.8	1.1
74°	1588.3	1553.4	1395.7	1064.3	562.0	207.7	19.2	0.5	0.5	0.8	1.1
75°	1559.1	1527.1	1369.1	1043.2	548.1	199.7	16.4	0.4	0.5	0.9	1.1
76°	1510.8	1480.1	1333.3	1021.7	531.4	190.9	14.1	0.3	0.6	0.9	1.2
77°	1497.9	1461.2	1295.8	994.9	518.6	183.4	12.0	0.3	0.6	0.9	1.2
78°	1457.4	1420.1	1274.3	969.2	504.2	176.6	10.0	0.3	0.6	0.9	1.2
79°	1426.4	1385.9	1236.0	942.6	485.8	169.3	8.3	0.3	0.6	1.0	1.3
80°	1400.9	1348.2	1204.2	914.4	469.8	161.6	6.6	0.3	0.6	1.0	1.3
81°	1374.1	1334.0	1174.9	890.1	452.5	154.4	5.1	0.3	0.6	1.0	1.3
82°	1326.1	1290.9	1143.0	867.9	437.6	146.9	3.8	0.3	0.7	1.0	1.3
83°	1294.6	1250.1	1100.6	838.7	424.0	140.2	2.7	0.3	0.7	1.0	1.4
84°	1286.9	1238.7	1079.0	808.9	406.7	133.9	1.8	0.3	0.7	1.1	1.4
85°	1235.1	1196.8	1051.0	796.5	401.0	129.2	1.1	0.3	0.7	1.1	1.4
86°	1188.1	1151.1	1006.7	759.2	381.2	122.6	0.7	0.4	0.7	1.1	1.4
87°	1172.1	1127.2	983.8	742.4	371.1	118.1	0.4	0.4	0.7	1.1	1.4
88°	1143.1	1097.7	956.1	714.5	356.4	112.8	0.2	0.4	0.7	1.1	1.5
89°	1089.8	1045.3	909.1	685.0	345.8	109.1	0.1	0.4	0.8	1.2	1.5

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CATALOG NUMBER: CWP75 (30W-5000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	1053.8	1012.9	887.0	668.4	335.6	105.6	0.2	0.4	0.8	1.2	1.5
91°	1040.9	998.2	866.5	647.2	328.3	102.5	0.2	0.4	0.8	1.2	1.5
92°	1006.1	962.2	834.6	633.8	322.5	99.3	0.2	0.4	0.8	1.2	1.6
93°	971.5	947.0	821.3	626.0	316.4	95.7	0.2	0.4	0.8	1.2	1.6
94°	959.8	931.8	812.4	614.2	308.7	92.0	0.2	0.4	0.8	1.2	1.6
95°	951.4	916.6	797.4	600.5	299.8	88.3	0.2	0.4	0.8	1.3	1.6
96°	933.4	896.9	782.2	585.0	288.5	84.5	0.2	0.5	0.9	1.3	1.6
97°	915.2	881.9	764.4	565.8	277.9	81.2	0.2	0.5	0.9	1.3	1.6
98°	897.1	858.1	745.2	549.5	268.4	77.4	0.2	0.5	0.9	1.3	1.7
99°	880.7	842.8	729.7	533.0	259.1	74.1	0.2	0.5	0.9	1.3	1.7
100°	869.9	829.4	710.5	517.2	250.6	70.9	0.2	0.5	0.9	1.3	1.7
101°	847.0	808.2	693.8	501.4	241.1	67.8	0.2	0.5	0.9	1.3	1.7
102°	830.2	792.9	678.2	485.4	231.9	64.6	0.2	0.5	0.9	1.3	1.7
103°	813.9	775.8	660.8	469.1	222.8	61.5	0.2	0.5	0.9	1.3	1.7
104°	795.9	757.8	642.8	452.3	214.3	58.7	0.2	0.5	0.9	1.4	1.7
105°	777.9	739.3	624.2	435.6	205.6	56.2	0.2	0.5	0.9	1.4	1.7
106°	759.0	720.1	605.5	419.0	196.8	53.6	0.2	0.5	0.9	1.4	1.7
107°	740.2	700.8	586.4	402.5	188.4	51.1	0.2	0.5	0.9	1.4	1.7
108°	719.1	680.4	566.5	386.5	180.7	49.0	0.2	0.5	0.9	1.3	1.7
109°	698.6	660.1	547.9	371.3	173.4	47.0	0.2	0.6	0.9	1.3	1.7
110°	677.6	639.7	529.1	356.2	166.2	45.1	0.2	0.6	1.0	1.4	1.7
111°	656.5	619.4	511.3	341.7	159.4	43.4	0.3	0.6	1.0	1.4	1.7
112°	636.2	599.4	493.9	327.6	152.7	41.8	0.3	0.6	0.9	1.3	1.7
113°	615.8	579.5	476.5	313.8	146.1	40.0	0.3	0.6	0.9	1.3	1.7
114°	596.1	560.4	459.7	300.4	139.4	38.2	0.3	0.6	0.9	1.3	1.6
115°	576.6	541.8	443.3	287.5	132.9	36.4	0.3	0.6	0.9	1.3	1.6
116°	557.8	523.9	427.3	274.9	126.6	34.5	0.3	0.6	0.9	1.3	1.6
117°	539.3	506.1	411.3	262.7	120.9	32.7	0.3	0.6	0.9	1.3	1.6
118°	521.3	488.4	395.8	251.2	115.8	31.1	0.3	0.6	0.9	1.3	1.6
119°	503.5	471.2	380.4	239.7	110.7	29.2	0.3	0.6	0.9	1.3	1.6
120°	485.7	454.0	365.5	228.4	105.7	27.1	0.3	0.6	0.9	1.3	1.6
121°	468.0	437.0	351.2	217.8	100.6	25.3	0.3	0.6	0.9	1.3	1.6
122°	450.4	420.4	336.7	207.4	95.5	23.9	0.3	0.6	0.9	1.3	1.6
123°	433.6	404.5	322.5	196.9	90.3	22.8	0.3	0.6	0.9	1.3	1.6
124°	417.0	388.0	308.4	186.6	85.0	21.8	0.3	0.6	0.9	1.3	1.6
125°	400.1	372.2	294.7	177.4	79.8	21.0	0.3	0.6	0.9	1.3	1.6
126°	383.4	356.2	280.8	169.1	75.2	20.2	0.3	0.6	0.9	1.3	1.6
127°	367.7	341.4	267.6	161.2	71.2	19.4	0.3	0.6	0.9	1.3	1.6
128°	351.9	326.2	254.6	153.0	67.8	18.6	0.4	0.6	1.0	1.3	1.6
129°	335.8	311.2	241.7	145.2	64.9	18.0	0.4	0.6	1.0	1.3	1.6
130°	320.8	296.5	228.9	137.8	62.6	17.5	0.4	0.6	1.0	1.3	1.6
131°	305.8	281.8	216.3	130.7	60.9	17.0	0.4	0.7	1.0	1.3	1.6
132°	290.8	267.5	203.9	123.6	58.9	16.7	0.4	0.7	1.0	1.3	1.6
133°	276.2	253.7	192.0	116.6	56.1	16.2	0.4	0.7	1.0	1.3	1.6
134°	261.9	240.0	180.3	109.9	53.0	15.5	0.4	0.7	1.0	1.3	1.6

REPORT NUMBER: P1444956

CATALOG NUMBER: CWP75 (30W-5000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
135°	248.0	226.7	169.2	103.4	50.1	14.7	0.4	0.7	1.0	1.3	1.6
136°	234.5	213.7	158.4	97.3	47.4	14.0	0.5	0.7	1.0	1.3	1.6
137°	221.3	201.0	147.8	91.6	44.9	13.3	0.5	0.7	1.0	1.3	1.6
138°	208.4	188.6	138.0	86.0	42.6	12.5	0.5	0.8	1.0	1.3	1.6
139°	195.8	176.6	128.8	80.3	40.5	11.8	0.5	0.8	1.0	1.3	1.6
140°	183.2	164.4	120.2	75.4	38.6	11.1	0.5	0.8	1.1	1.3	1.6
141°	170.3	151.9	111.8	70.8	37.0	10.4	0.6	0.8	1.1	1.3	1.6
142°	157.0	139.4	103.4	66.7	35.4	9.7	0.6	0.8	1.1	1.4	1.6
143°	144.0	126.8	95.4	63.0	34.1	8.9	0.6	0.8	1.1	1.4	1.6
144°	130.7	114.6	88.3	59.7	33.0	8.2	0.6	0.9	1.1	1.3	1.6
145°	117.5	103.1	81.2	56.5	31.7	7.6	0.7	0.9	1.1	1.3	1.6
146°	104.2	93.8	74.1	53.3	29.8	6.8	0.7	0.9	1.1	1.3	1.6
147°	92.3	83.6	68.1	50.4	27.7	6.1	0.7	0.9	1.1	1.3	1.5
148°	80.4	73.4	62.6	47.9	25.5	5.4	0.7	0.9	1.1	1.3	1.5
149°	68.6	65.9	58.0	45.8	23.5	4.8	0.8	0.9	1.1	1.3	1.5
150°	62.9	60.9	54.7	43.5	21.6	4.3	0.8	0.9	1.1	1.3	1.5
151°	62.6	59.3	52.5	41.1	20.0	3.8	0.8	1.0	1.1	1.3	1.5
152°	61.8	58.3	50.3	38.5	18.6	3.4	0.8	1.0	1.1	1.3	1.4
153°	58.7	55.7	47.6	36.0	17.2	3.0	0.8	1.0	1.1	1.3	1.4
154°	55.1	52.3	44.5	33.6	15.9	2.5	0.9	1.0	1.1	1.3	1.4
155°	51.2	48.7	41.4	30.9	14.7	2.1	0.9	1.0	1.1	1.2	1.4
156°	47.4	45.2	38.3	28.1	13.4	1.6	0.9	1.0	1.1	1.2	1.3
157°	43.9	41.8	35.4	25.3	12.3	1.2	0.9	1.0	1.1	1.2	1.3
158°	40.6	38.6	32.7	22.5	11.2	0.9	0.9	1.0	1.1	1.2	1.3
159°	37.4	35.6	30.0	19.9	10.2	0.9	1.0	1.0	1.1	1.2	1.2
160°	34.3	32.7	27.4	17.7	9.2	0.9	1.0	1.0	1.1	1.2	1.2
161°	31.3	29.8	24.7	15.7	8.2	0.8	1.0	1.0	1.1	1.1	1.2
162°	28.4	27.0	21.9	13.8	7.2	0.8	1.0	1.0	1.1	1.1	1.1
163°	25.8	24.4	19.3	12.2	6.1	0.9	1.0	1.0	1.1	1.1	1.1
164°	23.2	22.0	16.8	10.8	5.0	0.9	1.0	1.0	1.1	1.1	1.1
165°	20.7	19.5	14.4	9.6	3.8	0.9	1.0	1.0	1.1	1.1	1.1
166°	18.0	16.8	12.3	8.4	2.7	0.9	1.0	1.0	1.1	1.1	1.0
167°	15.2	14.1	10.5	7.2	1.8	0.9	1.0	1.0	1.1	1.1	1.0
168°	12.4	11.5	9.0	5.8	1.1	0.9	1.0	1.0	1.1	1.0	1.0
169°	10.1	9.6	7.6	4.2	0.9	0.9	1.0	1.0	1.0	1.0	1.0
170°	8.2	7.7	6.0	2.6	0.9	0.9	1.0	1.0	1.0	1.0	1.0
171°	6.3	5.8	4.0	1.4	0.8	0.9	1.0	1.0	1.0	1.0	0.9
172°	4.1	3.7	2.1	0.8	0.8	0.9	1.0	1.0	1.0	1.0	0.9
173°	1.9	1.7	0.8	0.8	0.8	0.9	1.0	1.0	1.0	1.0	0.9
174°	0.7	0.7	0.7	0.8	0.9	0.9	1.0	1.0	1.0	1.0	0.9
175°	0.6	0.7	0.7	0.8	0.9	0.9	1.0	1.0	1.0	1.0	0.9
176°	0.7	0.7	0.7	0.8	0.9	0.9	1.0	1.0	1.0	1.0	0.9
177°	0.7	0.7	0.7	0.8	0.8	0.9	1.0	1.0	1.0	1.0	0.9
178°	0.7	0.7	0.7	0.8	0.8	0.9	1.0	1.0	1.0	1.0	0.9
179°	0.7	0.7	0.7	0.7	0.8	0.9	1.0	1.0	1.0	0.9	0.9



REPORT NUMBER: P1444956
CATALOG NUMBER: CWP75 (30W-5000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
180°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7

REPORT NUMBER: P1444956

CATALOG NUMBER: CWP75 (30W-5000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	483.0	483.0	483.0	483.0	483.0	483.0	483.0	483.0	483.0	483.0	483.0
1°	362.3	362.8	371.7	391.1	414.7	443.5	471.9	466.2	494.6	526.9	560.7
2°	254.7	253.2	281.7	300.5	322.2	376.2	441.2	463.1	525.6	597.7	654.0
3°	147.8	143.6	191.6	209.9	254.3	315.6	412.8	468.4	565.6	662.9	696.4
4°	98.2	94.7	102.0	121.1	186.4	261.9	376.5	468.3	604.9	691.8	755.4
5°	67.8	65.8	69.1	85.4	119.5	208.2	340.6	464.4	635.5	721.8	802.2
6°	58.3	57.3	58.5	63.8	88.4	154.9	309.9	464.8	662.2	763.4	839.5
7°	53.9	53.5	54.0	57.1	66.8	120.6	283.4	461.1	672.4	796.4	887.3
8°	53.0	53.2	52.8	53.4	58.8	97.9	257.2	456.7	677.8	810.9	918.8
9°	54.9	55.6	54.6	52.6	55.1	78.5	228.0	454.9	693.6	843.6	966.8
10°	58.0	59.3	57.7	54.2	53.1	65.6	198.9	448.6	707.4	873.4	999.2
11°	61.7	62.9	61.4	56.9	52.9	59.9	169.9	441.3	722.3	889.0	1042.5
12°	64.2	64.6	64.3	60.2	54.4	56.7	144.8	434.7	730.2	915.6	1094.8
13°	65.5	65.6	66.2	63.8	56.7	54.4	125.2	424.1	730.7	938.1	1137.0
14°	69.8	71.3	70.8	66.9	59.4	52.9	109.7	415.9	728.9	954.1	1183.5
15°	82.2	88.5	83.0	70.7	62.5	52.4	96.4	404.8	732.1	970.2	1222.3
16°	103.4	113.6	101.8	78.3	65.8	52.5	84.0	398.8	733.2	996.8	1243.9
17°	123.0	130.9	121.7	90.1	69.2	53.5	73.4	388.3	736.0	1015.8	1261.1
18°	131.0	131.2	130.5	103.3	73.3	55.1	65.2	382.1	733.8	1030.2	1227.7
19°	129.4	129.1	129.4	113.2	78.8	57.6	59.1	372.8	727.6	1047.9	1201.2
20°	126.6	121.8	126.8	118.6	85.0	60.7	55.0	364.3	727.5	1065.0	1165.5
21°	118.8	113.1	119.1	119.7	90.8	64.1	51.9	358.3	727.7	1073.2	1137.5
22°	110.2	104.0	110.4	117.2	95.5	67.9	49.9	352.2	733.7	1076.6	1121.6
23°	101.3	93.9	101.9	111.8	98.4	71.2	48.2	345.9	734.8	1079.0	1098.5
24°	92.8	86.1	92.9	104.9	99.5	74.3	47.2	340.8	734.0	1056.5	1123.3
25°	84.6	78.0	85.4	97.6	98.7	77.0	46.7	339.0	731.4	1023.8	1153.7
26°	77.4	70.7	77.5	89.5	96.7	80.0	46.6	333.0	737.1	1004.4	1182.8
27°	70.4	64.6	70.4	81.9	93.5	81.9	46.8	329.4	736.3	969.8	1205.5
28°	63.9	57.9	63.5	74.4	89.7	83.0	47.6	324.1	741.4	938.2	1219.5
29°	57.0	51.8	56.5	67.0	85.1	83.4	48.8	316.6	740.7	925.7	1225.2
30°	50.2	42.7	49.8	59.9	80.1	83.1	50.4	312.1	739.6	900.1	1234.5
31°	41.1	32.5	41.1	53.2	74.7	82.1	52.4	303.3	739.1	887.6	1243.1
32°	33.3	28.6	32.7	47.0	68.7	80.2	54.5	298.9	733.1	895.6	1252.8
33°	26.3	24.7	25.9	40.8	62.6	77.4	56.2	294.5	727.7	908.1	1256.7
34°	22.7	20.8	22.5	34.4	56.7	74.0	57.9	284.3	725.9	919.7	1260.0
35°	19.1	16.9	19.1	28.7	51.2	70.6	59.6	281.1	721.9	927.4	1263.1
36°	15.5	15.1	15.6	24.5	45.6	66.9	60.9	270.2	709.1	929.1	1265.0
37°	13.8	12.2	13.8	20.4	40.4	62.9	61.6	264.9	700.5	927.0	1270.2
38°	11.5	10.8	11.4	16.3	35.6	58.7	61.9	256.9	692.4	921.0	1268.7
39°	10.1	9.7	9.9	13.4	30.6	54.6	62.1	250.1	681.4	920.6	1269.7
40°	9.0	7.2	8.8	11.5	25.7	50.6	61.5	243.4	658.4	920.7	1271.0
41°	6.7	0.9	6.6	9.4	22.0	46.8	60.5	237.2	637.5	919.5	1270.5
42°	0.7	0.4	0.8	7.6	18.3	43.2	59.1	230.4	617.6	918.6	1274.7
43°	0.4	0.4	0.4	6.4	14.7	39.7	57.5	221.4	594.4	917.5	1277.4
44°	0.4	0.4	0.4	4.7	11.9	36.4	55.8	213.9	565.8	916.2	1276.2

REPORT NUMBER: P1444956

CATALOG NUMBER: CWP75 (30W-5000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	0.4	0.4	0.4	0.8	9.6	33.2	54.0	205.0	540.0	914.5	1278.6
46°	0.4	0.5	0.4	0.4	7.6	30.0	52.0	196.8	516.7	911.4	1285.5
47°	0.4	0.5	0.5	0.4	5.4	27.0	49.8	186.2	490.8	907.1	1284.6
48°	0.5	0.5	0.5	0.4	3.5	24.1	47.5	177.0	469.3	902.3	1287.3
49°	0.5	0.5	0.5	0.4	2.6	21.1	45.0	166.6	453.3	896.0	1280.7
50°	0.5	0.5	0.5	0.5	1.5	18.0	42.3	157.8	443.6	886.4	1269.8
51°	0.5	0.6	0.6	0.5	0.4	15.0	39.5	147.6	432.6	877.9	1287.8
52°	0.6	0.6	0.6	0.5	0.4	12.6	36.9	139.4	421.8	868.3	1310.1
53°	0.6	0.6	0.6	0.5	0.4	10.5	34.5	130.0	408.7	858.5	1304.1
54°	0.6	0.7	0.6	0.6	0.4	8.4	32.0	122.8	396.0	843.7	1299.2
55°	0.6	0.7	0.7	0.6	0.5	6.6	29.6	114.7	381.9	836.6	1289.2
56°	0.7	0.7	0.7	0.6	0.5	4.8	27.2	107.0	370.5	829.4	1280.2
57°	0.7	0.7	0.7	0.6	0.5	3.3	24.9	100.8	358.7	812.0	1286.9
58°	0.7	0.8	0.7	0.6	0.5	2.1	22.8	93.9	347.5	796.2	1296.3
59°	0.8	0.8	0.8	0.7	0.5	1.1	20.7	87.7	340.2	782.5	1294.7
60°	0.8	0.8	0.8	0.7	0.5	0.4	18.7	81.5	330.1	769.7	1281.5
61°	0.8	0.9	0.8	0.7	0.6	0.4	16.7	75.8	319.1	761.0	1269.5
62°	0.9	0.9	0.9	0.8	0.6	0.4	14.9	70.2	309.1	751.1	1251.9
63°	0.9	1.0	0.9	0.8	0.6	0.4	13.3	66.2	300.4	740.6	1242.2
64°	0.9	1.0	1.0	0.8	0.6	0.4	11.7	61.6	291.8	727.1	1240.3
65°	1.0	1.0	1.0	0.9	0.7	0.4	10.2	57.2	283.2	711.3	1224.4
66°	1.0	1.1	1.0	0.9	0.7	0.4	8.6	53.3	275.4	695.5	1212.4
67°	1.0	1.1	1.1	0.9	0.7	0.4	6.9	48.7	266.9	680.8	1204.5
68°	1.1	1.1	1.1	0.9	0.7	0.5	5.4	44.4	257.9	666.2	1184.2
69°	1.1	1.2	1.1	1.0	0.7	0.5	4.1	40.8	249.9	653.0	1169.9
70°	1.2	1.2	1.2	1.0	0.8	0.5	2.9	37.0	242.2	638.7	1149.0
71°	1.2	1.3	1.2	1.0	0.8	0.5	1.9	33.0	233.5	621.3	1123.9
72°	1.2	1.3	1.2	1.1	0.8	0.5	1.1	29.6	226.4	604.2	1102.2
73°	1.3	1.3	1.3	1.1	0.8	0.5	0.7	26.5	218.5	586.5	1084.2
74°	1.3	1.4	1.3	1.1	0.8	0.5	0.5	23.6	210.1	568.8	1068.1
75°	1.3	1.4	1.3	1.2	0.9	0.5	0.4	20.7	201.6	553.4	1045.6
76°	1.4	1.4	1.4	1.2	0.9	0.6	0.4	18.2	192.8	537.7	1022.1
77°	1.4	1.5	1.4	1.2	0.9	0.6	0.3	15.8	185.0	522.0	994.1
78°	1.4	1.5	1.4	1.2	0.9	0.6	0.3	13.4	177.2	503.6	965.4
79°	1.5	1.5	1.5	1.3	1.0	0.6	0.3	11.3	169.3	484.6	939.5
80°	1.5	1.6	1.5	1.3	1.0	0.6	0.3	9.5	160.8	466.8	907.7
81°	1.5	1.6	1.5	1.3	1.0	0.6	0.3	7.8	152.9	449.6	885.6
82°	1.5	1.6	1.6	1.3	1.0	0.6	0.3	6.0	146.1	434.6	859.1
83°	1.6	1.6	1.6	1.4	1.0	0.7	0.3	4.6	139.4	418.0	828.6
84°	1.6	1.7	1.6	1.4	1.0	0.7	0.3	3.3	133.9	408.6	811.1
85°	1.6	1.7	1.6	1.4	1.1	0.7	0.4	2.3	127.4	390.5	775.0
86°	1.6	1.7	1.6	1.4	1.1	0.7	0.4	1.4	122.8	379.4	753.0
87°	1.7	1.7	1.7	1.4	1.1	0.7	0.4	0.8	117.7	366.2	731.8
88°	1.7	1.8	1.7	1.5	1.1	0.7	0.4	0.4	114.0	354.5	698.6
89°	1.7	1.8	1.7	1.5	1.1	0.7	0.4	0.2	110.2	344.8	679.1

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CATALOG NUMBER: CWP75 (30W-5000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
90°	1.7	1.8	1.7	1.5	1.1	0.7	0.4	0.2	107.0	336.8	660.2
91°	1.8	1.8	1.8	1.5	1.2	0.7	0.4	0.1	103.8	330.8	643.4
92°	1.8	1.9	1.8	1.6	1.2	0.8	0.4	0.1	100.2	324.0	635.6
93°	1.8	1.9	1.8	1.6	1.2	0.8	0.4	0.1	96.4	316.8	625.5
94°	1.8	1.9	1.8	1.6	1.2	0.8	0.4	0.1	92.7	307.7	612.4
95°	1.9	1.9	1.9	1.6	1.2	0.8	0.4	0.1	88.9	296.9	597.6
96°	1.9	2.0	1.9	1.6	1.2	0.8	0.5	0.1	85.1	286.9	579.8
97°	1.9	2.0	1.9	1.6	1.2	0.8	0.5	0.1	81.2	276.9	562.4
98°	1.9	2.0	1.9	1.7	1.3	0.8	0.5	0.1	77.6	266.8	547.1
99°	1.9	2.0	1.9	1.7	1.3	0.8	0.5	0.1	74.3	258.1	530.1
100°	1.9	2.0	2.0	1.7	1.3	0.9	0.5	0.1	71.1	249.0	514.5
101°	2.0	2.0	2.0	1.7	1.3	0.9	0.5	0.1	67.6	239.2	498.7
102°	2.0	2.1	2.0	1.7	1.3	0.9	0.5	0.1	64.3	230.0	482.7
103°	2.0	2.1	2.0	1.7	1.3	0.9	0.5	0.1	61.3	221.0	466.0
104°	2.0	2.1	2.0	1.7	1.3	0.9	0.5	0.2	58.6	212.2	449.5
105°	2.0	2.1	2.0	1.7	1.3	0.9	0.5	0.2	55.9	203.5	432.1
106°	2.0	2.1	2.0	1.7	1.3	0.9	0.5	0.2	53.3	194.9	415.7
107°	2.0	2.1	2.0	1.7	1.3	0.9	0.5	0.2	51.0	186.7	399.9
108°	2.0	2.1	2.0	1.7	1.3	0.9	0.5	0.2	48.8	179.2	384.2
109°	2.0	2.1	2.0	1.7	1.3	0.9	0.6	0.2	46.9	172.0	369.0
110°	2.0	2.1	2.0	1.7	1.3	0.9	0.6	0.2	45.0	165.0	354.0
111°	2.0	2.1	2.0	1.7	1.3	0.9	0.6	0.2	43.3	158.2	339.3
112°	1.9	2.1	2.0	1.7	1.3	0.9	0.6	0.2	41.5	151.5	325.1
113°	1.9	2.0	1.9	1.7	1.3	0.9	0.6	0.2	39.6	144.6	311.2
114°	1.9	2.0	1.9	1.7	1.3	0.9	0.6	0.2	37.6	137.9	298.0
115°	1.9	2.0	1.9	1.7	1.3	0.9	0.6	0.2	35.7	131.2	284.8
116°	1.9	2.0	1.9	1.6	1.3	0.9	0.6	0.2	33.8	125.3	272.1
117°	1.8	1.9	1.9	1.6	1.3	0.9	0.6	0.2	32.0	119.9	259.9
118°	1.8	1.9	1.9	1.6	1.3	0.9	0.6	0.2	30.1	114.7	248.2
119°	1.8	1.9	1.8	1.6	1.3	0.9	0.6	0.2	28.2	109.6	236.9
120°	1.8	1.9	1.8	1.6	1.3	1.0	0.6	0.2	26.3	104.6	225.9
121°	1.8	1.9	1.8	1.6	1.3	1.0	0.6	0.2	24.7	99.4	215.4
122°	1.8	1.9	1.8	1.6	1.3	1.0	0.7	0.2	23.3	94.3	204.9
123°	1.8	1.9	1.8	1.6	1.3	1.0	0.7	0.2	22.2	88.8	194.3
124°	1.8	1.9	1.8	1.7	1.3	1.0	0.7	0.2	21.4	83.4	184.3
125°	1.8	1.9	1.9	1.7	1.4	1.0	0.7	0.2	20.7	78.6	175.6
126°	1.8	1.9	1.9	1.7	1.4	1.0	0.7	0.2	19.9	74.3	167.9
127°	1.8	1.9	1.9	1.7	1.4	1.1	0.7	0.2	19.1	70.3	159.4
128°	1.8	1.9	1.9	1.7	1.4	1.1	0.8	0.2	18.4	67.1	151.1
129°	1.8	1.9	1.9	1.7	1.4	1.1	0.8	0.2	17.9	64.4	143.4
130°	1.8	1.9	1.9	1.7	1.4	1.1	0.8	0.3	17.5	62.4	136.0
131°	1.8	1.9	1.9	1.7	1.5	1.1	0.8	0.3	17.0	60.6	128.8
132°	1.8	1.9	1.9	1.7	1.5	1.1	0.8	0.3	16.5	57.8	121.6
133°	1.8	1.9	1.9	1.7	1.5	1.2	0.8	0.3	16.0	54.6	114.8
134°	1.8	1.9	1.9	1.7	1.5	1.2	0.9	0.3	15.2	51.4	108.4

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CATALOG NUMBER: CWP75 (30W-5000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
135°	1.8	1.9	1.9	1.7	1.5	1.2	0.9	0.3	14.5	48.6	102.1
136°	1.8	1.9	1.9	1.7	1.5	1.2	0.9	0.3	13.8	46.1	95.8
137°	1.8	1.9	1.9	1.7	1.5	1.2	0.9	0.3	13.0	43.8	90.1
138°	1.8	1.9	1.9	1.7	1.5	1.2	0.9	0.4	12.2	41.7	84.5
139°	1.8	1.9	1.9	1.7	1.5	1.2	0.9	0.4	11.4	39.6	78.8
140°	1.8	1.9	1.9	1.7	1.5	1.2	1.0	0.4	10.6	37.9	74.0
141°	1.8	1.9	1.8	1.7	1.5	1.3	1.0	0.4	9.7	36.3	69.4
142°	1.8	1.9	1.8	1.7	1.5	1.3	1.0	0.4	8.9	34.8	65.5
143°	1.8	1.8	1.8	1.7	1.5	1.3	1.0	0.4	8.2	33.7	62.2
144°	1.7	1.8	1.8	1.7	1.5	1.3	1.0	0.4	7.4	32.4	59.1
145°	1.7	1.8	1.8	1.7	1.5	1.3	1.1	0.5	6.7	31.0	56.1
146°	1.7	1.8	1.8	1.7	1.5	1.3	1.1	0.5	6.0	29.3	53.0
147°	1.7	1.8	1.8	1.7	1.5	1.3	1.1	0.5	5.3	27.4	50.2
148°	1.7	1.8	1.8	1.7	1.5	1.3	1.1	0.5	4.7	25.6	47.6
149°	1.7	1.7	1.7	1.7	1.5	1.3	1.1	0.5	4.2	24.0	45.1
150°	1.6	1.7	1.7	1.7	1.5	1.4	1.2	0.6	3.7	22.5	42.6
151°	1.6	1.7	1.7	1.6	1.5	1.4	1.2	0.6	3.3	21.0	40.0
152°	1.6	1.6	1.7	1.6	1.5	1.4	1.2	0.6	2.9	19.6	37.4
153°	1.5	1.6	1.6	1.6	1.5	1.4	1.2	0.6	2.4	18.2	34.9
154°	1.5	1.6	1.6	1.6	1.5	1.4	1.2	0.6	1.9	16.8	32.4
155°	1.5	1.5	1.5	1.5	1.5	1.4	1.3	0.7	1.4	15.4	29.9
156°	1.4	1.5	1.5	1.5	1.5	1.4	1.3	0.7	1.0	13.9	27.5
157°	1.4	1.4	1.5	1.5	1.4	1.4	1.3	0.7	0.7	12.5	25.2
158°	1.3	1.4	1.4	1.4	1.4	1.4	1.3	0.7	0.7	11.1	22.9
159°	1.3	1.3	1.4	1.4	1.4	1.4	1.3	0.7	0.7	9.9	20.7
160°	1.3	1.3	1.3	1.3	1.4	1.3	1.3	0.8	0.7	8.7	18.6
161°	1.2	1.2	1.3	1.3	1.3	1.3	1.3	0.8	0.7	7.6	16.6
162°	1.2	1.2	1.2	1.2	1.3	1.3	1.3	0.8	0.7	6.5	14.6
163°	1.1	1.1	1.1	1.2	1.2	1.2	1.2	0.8	0.7	5.3	12.7
164°	1.1	1.1	1.1	1.1	1.1	1.2	1.2	0.8	0.8	4.1	10.9
165°	1.0	1.0	1.0	1.0	1.1	1.1	1.2	0.8	0.8	2.9	9.4
166°	1.0	1.0	1.0	1.0	1.0	1.1	1.2	0.9	0.8	1.9	7.9
167°	1.0	0.9	0.9	0.9	1.0	1.1	1.1	0.9	0.8	1.1	6.4
168°	0.9	0.9	0.8	0.9	0.9	1.0	1.1	0.9	0.8	0.8	4.9
169°	0.9	0.8	0.8	0.8	0.9	1.0	1.1	0.9	0.8	0.8	3.3
170°	0.9	0.8	0.8	0.8	0.8	0.9	1.0	0.9	0.8	0.8	1.9
171°	0.9	0.8	0.8	0.8	0.8	0.9	1.0	0.9	0.9	0.8	0.9
172°	0.9	0.8	0.7	0.7	0.8	0.9	1.0	0.9	0.9	0.8	0.7
173°	0.8	0.8	0.7	0.7	0.8	0.9	1.0	0.9	0.9	0.8	0.7
174°	0.8	0.8	0.7	0.7	0.8	0.9	1.0	0.9	0.9	0.8	0.8
175°	0.8	0.8	0.7	0.7	0.7	0.8	0.9	0.9	0.9	0.8	0.8
176°	0.8	0.7	0.7	0.7	0.7	0.8	0.9	1.0	0.9	0.9	0.8
177°	0.8	0.7	0.7	0.7	0.7	0.8	0.9	1.0	0.9	0.9	0.8
178°	0.8	0.7	0.7	0.7	0.7	0.7	0.8	1.0	1.0	0.9	0.8
179°	0.8	0.7	0.7	0.7	0.7	0.7	0.8	1.0	1.0	0.9	0.9



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CATALOG NUMBER: CWP75 (30W-5000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
180°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7

REPORT NUMBER: P1444956

CATALOG NUMBER: CWP75 (30W-5000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	483.0	483.0	483.0
1°	590.7	614.5	622.2
2°	681.2	695.1	701.1
3°	732.2	768.4	780.6
4°	799.9	819.4	835.6
5°	850.1	884.9	902.0
6°	903.2	932.8	957.6
7°	952.8	999.1	1018.4
8°	1006.3	1060.7	1091.2
9°	1065.6	1134.0	1161.6
10°	1126.0	1200.7	1234.2
11°	1183.7	1268.2	1296.6
12°	1245.6	1317.6	1342.5
13°	1285.0	1337.7	1328.7
14°	1316.3	1309.6	1321.7
15°	1286.0	1282.3	1282.1
16°	1273.7	1275.3	1277.7
17°	1230.7	1253.5	1275.9
18°	1232.2	1283.9	1329.8
19°	1206.9	1335.8	1378.2
20°	1242.8	1385.4	1423.8
21°	1287.8	1424.8	1461.0
22°	1331.7	1459.2	1492.6
23°	1361.9	1480.2	1512.7
24°	1384.4	1503.1	1537.8
25°	1407.2	1531.3	1570.3
26°	1429.1	1561.1	1599.4
27°	1451.1	1578.4	1620.1
28°	1472.2	1597.7	1646.4
29°	1489.4	1624.3	1683.1
30°	1505.0	1648.5	1701.1
31°	1519.8	1670.5	1717.3
32°	1535.5	1685.2	1727.2
33°	1552.5	1696.5	1743.4
34°	1561.6	1719.9	1771.6
35°	1580.6	1740.9	1796.8
36°	1593.8	1761.9	1811.2
37°	1601.1	1775.5	1820.0
38°	1609.5	1798.0	1859.3
39°	1619.3	1805.2	1838.2
40°	1622.2	1818.7	1882.8
41°	1621.8	1847.8	1909.6
42°	1633.7	1847.3	1857.6
43°	1637.9	1852.5	1814.5
44°	1628.1	1856.0	1771.5

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CATALOG NUMBER: CWP75 (30W-5000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	1638.3	1773.8	1728.6
46°	1621.2	1800.4	1991.8
47°	1585.8	1815.7	2073.3
48°	1622.0	1830.9	1887.2
49°	1666.7	1846.1	1897.5
50°	1647.3	1846.3	1924.7
51°	1643.0	1835.4	1867.0
52°	1638.2	1833.4	2010.6
53°	1602.7	1946.5	2104.1
54°	1622.6	1978.6	2009.2
55°	1662.0	1910.9	1982.1
56°	1661.9	1906.5	2016.3
57°	1667.8	1911.2	1962.9
58°	1663.8	1861.1	1928.7
59°	1638.7	1847.1	1958.5
60°	1627.8	1867.2	1941.8
61°	1626.6	1841.0	1904.5
62°	1622.7	1825.2	1924.7
63°	1612.8	1839.4	1897.6
64°	1612.9	1804.5	1853.7
65°	1602.8	1756.6	1815.3
66°	1574.0	1742.3	1811.4
67°	1546.5	1712.7	1769.8
68°	1531.0	1659.7	1725.5
69°	1502.4	1649.7	1727.4
70°	1474.2	1628.4	1690.7
71°	1455.0	1622.0	1702.6
72°	1438.5	1583.5	1629.5
73°	1413.0	1556.9	1629.6
74°	1380.2	1529.9	1588.3
75°	1355.7	1496.3	1559.1
76°	1320.7	1450.5	1510.8
77°	1286.5	1433.9	1497.9
78°	1258.4	1390.6	1457.4
79°	1219.9	1362.3	1426.4
80°	1188.1	1340.9	1400.9
81°	1170.5	1315.0	1374.1
82°	1127.8	1269.6	1326.1
83°	1095.8	1238.1	1294.6
84°	1079.8	1226.6	1286.9
85°	1034.2	1176.9	1235.1
86°	1000.0	1131.5	1188.1
87°	981.5	1116.5	1172.1
88°	936.4	1085.0	1143.1
89°	899.2	1034.2	1089.8

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CATALOG NUMBER: CWP75 (30W-5000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
90°	883.3	1008.8	1053.8
91°	852.8	990.7	1040.9
92°	829.7	952.3	1006.1
93°	821.2	938.7	971.5
94°	809.3	925.8	959.8
95°	794.3	912.9	951.4
96°	777.9	894.4	933.4
97°	758.6	876.6	915.2
98°	743.0	855.2	897.1
99°	726.4	842.7	880.7
100°	707.8	825.1	869.9
101°	691.5	806.1	847.0
102°	675.0	790.4	830.2
103°	658.2	773.2	813.9
104°	639.6	755.0	795.9
105°	620.8	737.0	777.9
106°	602.0	717.6	759.0
107°	583.2	698.5	740.2
108°	563.2	678.1	719.1
109°	544.8	658.0	698.6
110°	526.8	637.4	677.6
111°	509.1	617.3	656.5
112°	491.4	597.8	636.2
113°	474.4	578.1	615.8
114°	457.8	559.4	596.1
115°	441.3	540.9	576.6
116°	425.2	522.8	557.8
117°	409.4	505.4	539.3
118°	393.9	487.8	521.3
119°	378.8	470.4	503.5
120°	363.8	453.1	485.7
121°	349.6	436.2	468.0
122°	335.2	419.8	450.4
123°	320.6	403.5	433.6
124°	306.8	387.4	417.0
125°	292.8	371.5	400.1
126°	279.3	356.1	383.4
127°	265.8	340.8	367.7
128°	252.7	325.7	351.9
129°	239.8	310.5	335.8
130°	227.2	295.9	320.8
131°	214.8	281.5	305.8
132°	202.4	267.0	290.8
133°	190.5	253.2	276.2
134°	178.6	239.4	261.9

REPORT NUMBER: P1444956

CATALOG NUMBER: CWP75 (30W-5000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
135°	167.3	226.1	248.0
136°	156.3	213.2	234.5
137°	145.9	200.6	221.3
138°	136.0	188.2	208.4
139°	126.8	176.0	195.8
140°	118.4	163.8	183.2
141°	110.0	151.2	170.3
142°	101.6	138.5	157.0
143°	92.9	126.1	144.0
144°	85.9	113.8	130.7
145°	78.9	102.0	117.5
146°	71.9	92.1	104.2
147°	66.1	82.3	92.3
148°	61.0	72.4	80.4
149°	56.8	65.0	68.6
150°	54.0	60.7	62.9
151°	51.7	59.5	62.6
152°	49.3	58.2	61.8
153°	46.4	55.3	58.7
154°	43.4	51.8	55.1
155°	40.3	48.2	51.2
156°	37.3	44.7	47.4
157°	34.6	41.4	43.9
158°	31.9	38.2	40.6
159°	29.3	35.2	37.4
160°	26.7	32.2	34.3
161°	24.3	29.4	31.3
162°	21.9	26.7	28.4
163°	19.7	24.1	25.8
164°	17.5	21.7	23.2
165°	15.2	19.2	20.7
166°	12.8	16.6	18.0
167°	10.7	13.9	15.2
168°	8.9	11.4	12.4
169°	7.1	9.4	10.1
170°	5.4	7.5	8.2
171°	3.4	5.6	6.3
172°	1.6	3.3	4.1
173°	0.7	1.4	1.9
174°	0.7	0.7	0.7
175°	0.7	0.7	0.6
176°	0.7	0.7	0.7
177°	0.7	0.7	0.7
178°	0.8	0.7	0.7
179°	0.8	0.7	0.7

REPORT NUMBER: P1444956

CATALOG NUMBER: CWP75 (30W-5000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.7	0.7	0.7

(END OF REPORT)