

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: P1444954

Luminaire Tested: CWP75 (30W-3000K)

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2024
Report Number: P1444954
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-3000K)
Description: COMPACT WALL PACK, 75W
SET TO 30W, 3000K CCT
Light Source: 3000K/5000K CCT, 80 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3950 lumens
Efficiency: N/A
Efficacy: 133.9 lumens/watt
Luminous Opening: Circular (Dia: 1.88m x H: 0m)
IES Classification: Type IV - Short
BUG Rating: B0 - U4 - G3

Input Watts (W): 29.5
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



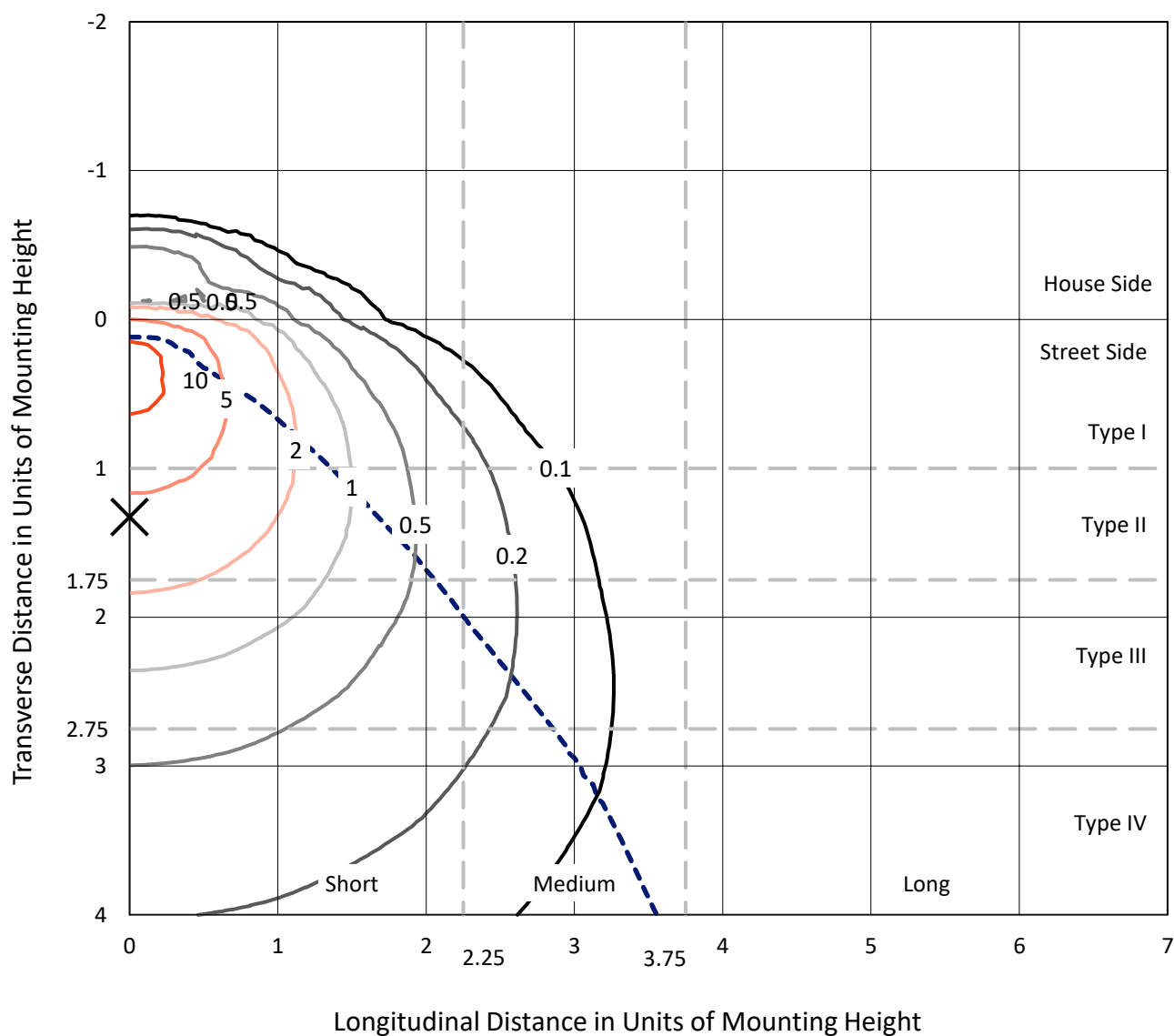
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



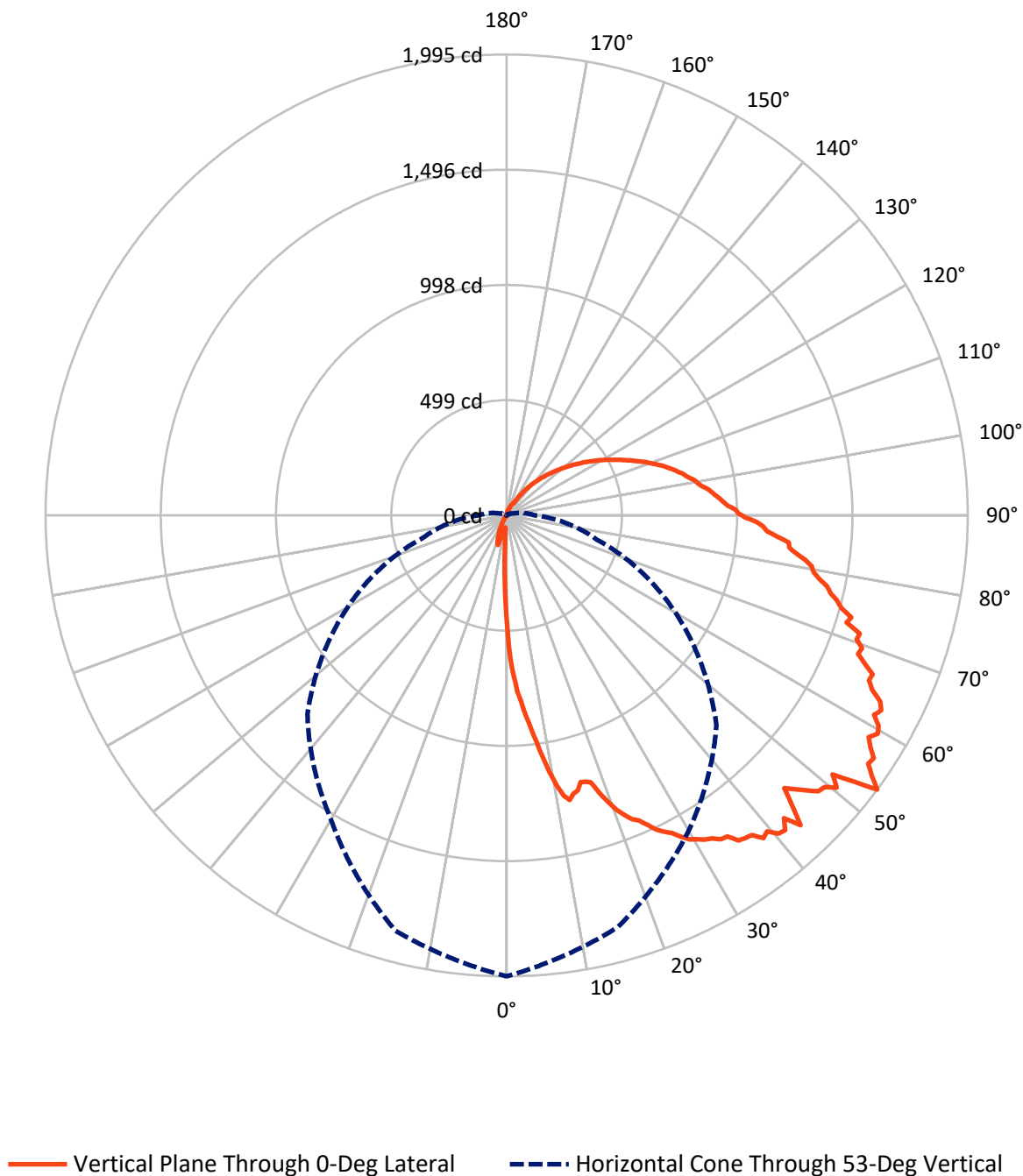
Based on 10 foot mounting height. Maximum calculated value = 11.3 fc

Type IV - Short - N/A

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Luminous Intensity Polar Plot



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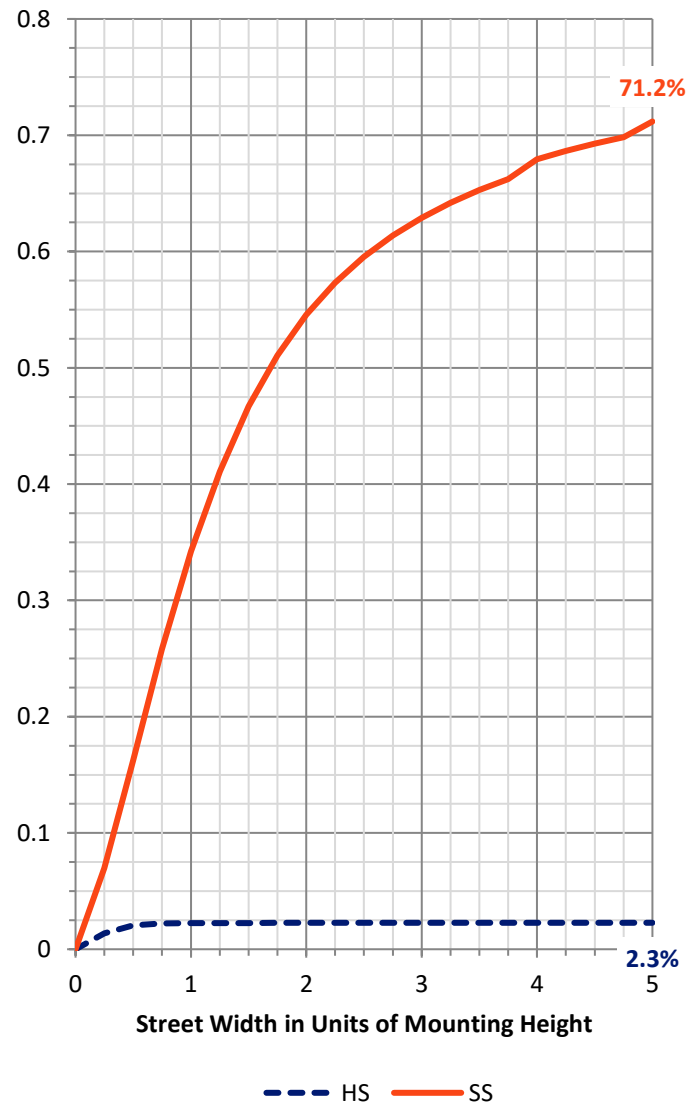
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	91.0	3.8	94.8
	% Fixture	2.3	0.1	2.4
Street Side	Lumens	3082.5	772.7	3855.2
	% Fixture	78.0	19.6	97.6
Total	Lumens	3173.6	776.5	3950.0
	% Fixture	80.3	19.7	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.0	1.2
10°-20°	159.0	4.0
20°-30°	275.8	7.0
30°-40°	384.1	9.7
40°-50°	460.9	11.7
50°-60°	514.0	13.0
60°-70°	515.3	13.0
70°-80°	456.9	11.6
80°-90°	360.4	9.1
90°-100°	274.9	7.0
100°-110°	207.5	5.3
110°-120°	139.5	3.5
120°-130°	84.2	2.1
130°-140°	44.1	1.1
140°-150°	18.0	0.5
150°-160°	6.4	0.2
160°-170°	1.6	0.0
170°-180°	0.1	0.0
0°-90°	3173.6	80.3
0°-180°	3950.0	100.0

Coefficient of Utilization



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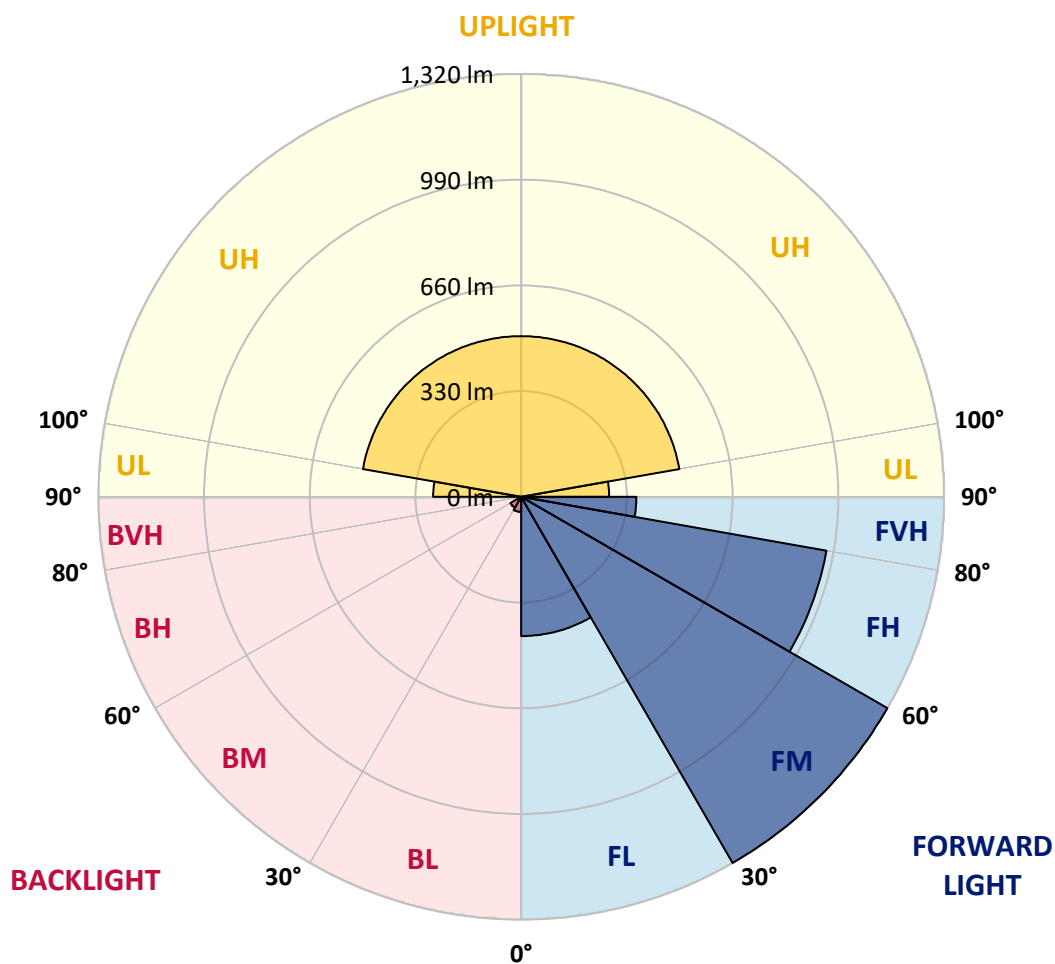
CATALOG NUMBER: CWP75 (30W-3000K)

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	434.8	11.0			
FM	(30°-60°)	1320.3	33.4			
FH	(60°-80°)	967.7	24.5			G1/1800
FVH	(80°-90°)	359.8	9.1			G3/500
BL	(0°-30°)	47.1	1.2	B0/110		
BM	(30°-60°)	38.8	1.0	B0/220		
BH	(60°-80°)	4.5	0.1	B0/110		G0/110
BVH	(80°-90°)	0.6	0.0			G0/10
UL	(90°-100°)	274.9	7.0		U3/500	
UH	(100°-180°)	501.6	12.7		U4/1000	

BUG Rating: B0-U4-G3

Type IV Short



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CATALOG NUMBER: CWP75 (30W-3000K)

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	505.3	505.3	505.3	505.3	505.3	505.3	505.3	505.3	505.3	505.3	505.3
1°	623.2	625.8	616.2	599.0	574.4	546.3	485.5	459.0	432.1	408.6	392.4
2°	691.8	690.2	682.8	666.9	635.4	577.8	487.7	427.1	366.5	322.9	303.0
3°	762.0	752.5	731.1	701.2	678.0	611.6	487.2	390.8	311.3	254.4	213.5
4°	808.6	800.7	787.2	755.7	696.3	637.5	484.5	355.4	256.5	186.0	124.4
5°	871.7	860.9	835.3	791.2	727.0	660.5	485.0	327.9	201.6	117.8	80.8
6°	924.9	911.0	884.8	826.1	767.8	675.0	479.8	299.9	147.4	81.7	61.4
7°	988.9	975.0	934.1	872.6	786.1	682.6	479.6	271.5	115.6	63.3	55.3
8°	1057.1	1039.6	990.9	905.4	805.7	695.8	477.8	239.3	88.6	56.6	52.1
9°	1127.4	1109.3	1047.6	950.6	843.3	706.0	470.9	207.1	69.3	53.3	52.0
10°	1187.3	1174.6	1107.5	991.9	864.0	716.8	464.8	175.1	60.9	51.9	53.9
11°	1238.3	1227.7	1159.9	1040.5	883.8	732.6	461.5	151.4	56.8	52.4	56.7
12°	1261.4	1257.4	1205.4	1084.0	910.7	738.9	456.3	132.2	54.5	54.4	60.2
13°	1238.8	1266.6	1239.0	1124.1	934.8	745.0	449.9	114.9	53.0	56.8	63.7
14°	1230.2	1234.0	1254.7	1157.8	955.5	747.3	439.8	99.7	52.5	59.9	67.1
15°	1198.1	1210.7	1228.8	1192.3	985.7	742.2	427.9	85.5	52.8	63.6	74.0
16°	1203.0	1208.0	1214.4	1209.7	1008.7	742.8	419.6	73.8	53.9	67.7	86.1
17°	1211.6	1193.6	1175.4	1215.8	1024.5	744.9	409.5	64.6	55.7	72.4	102.9
18°	1266.7	1229.3	1176.2	1189.0	1042.7	743.8	398.8	58.6	58.0	78.3	116.5
19°	1315.5	1277.8	1157.8	1164.7	1059.0	739.9	388.6	55.0	60.7	86.0	124.6
20°	1361.6	1331.6	1194.4	1126.3	1065.9	735.5	376.8	52.6	64.2	94.0	126.1
21°	1394.6	1364.2	1244.6	1101.3	1072.8	732.5	369.6	50.9	67.9	101.0	123.5
22°	1423.9	1392.5	1284.1	1090.0	1071.1	734.5	363.8	49.8	71.9	105.7	117.8
23°	1441.0	1417.2	1314.1	1076.5	1056.0	741.7	353.0	49.1	76.2	107.7	109.5
24°	1472.8	1443.9	1340.2	1100.0	1036.7	735.3	346.0	48.9	79.9	106.9	102.1
25°	1507.7	1469.7	1367.5	1128.7	1007.9	736.2	338.2	49.3	83.1	104.5	94.1
26°	1529.7	1493.0	1389.3	1155.4	981.4	734.8	331.4	49.9	85.6	100.8	86.3
27°	1550.6	1513.8	1410.5	1177.0	950.3	737.2	327.6	51.3	87.4	96.5	79.6
28°	1582.4	1541.1	1432.5	1193.8	917.4	744.0	322.3	53.1	88.8	91.7	71.9
29°	1611.5	1567.8	1449.7	1204.3	904.6	740.6	312.9	55.2	88.3	86.1	64.8
30°	1627.1	1591.1	1463.4	1214.8	884.6	739.5	307.3	57.4	86.7	80.0	57.5
31°	1645.0	1613.4	1482.9	1224.0	872.4	736.7	301.7	60.0	85.0	73.4	50.7
32°	1658.3	1633.4	1496.4	1227.1	880.5	735.3	295.8	62.5	82.4	66.8	43.9
33°	1680.6	1646.6	1510.8	1234.4	894.0	734.9	285.0	64.9	79.1	60.7	37.9
34°	1686.2	1654.5	1528.2	1242.3	903.2	729.1	277.4	67.0	75.5	54.7	32.1
35°	1728.7	1674.0	1538.6	1248.3	908.9	715.0	269.2	68.8	71.6	49.1	26.6
36°	1737.0	1698.5	1544.5	1247.6	912.2	712.2	262.6	69.9	67.4	43.6	22.8
37°	1743.6	1702.2	1559.5	1250.2	914.2	698.2	253.6	70.5	63.3	38.4	18.9
38°	1785.1	1723.3	1570.9	1250.5	912.6	685.4	244.1	70.7	59.0	33.6	15.0
39°	1771.9	1732.0	1571.9	1252.7	908.9	669.8	236.2	70.3	54.6	28.7	12.9
40°	1810.9	1735.8	1580.7	1255.2	907.1	650.8	228.9	69.4	50.4	24.7	11.1
41°	1819.1	1766.2	1577.8	1249.6	904.2	632.0	220.4	67.9	46.5	20.8	9.1
42°	1777.0	1752.3	1584.1	1253.6	904.9	608.2	211.9	65.9	42.5	16.8	7.6
43°	1848.0	1753.2	1598.7	1255.0	900.7	587.9	203.5	63.6	38.8	13.7	6.5
44°	1765.2	1778.9	1584.9	1257.8	901.7	564.9	197.2	60.9	35.3	11.3	4.9

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CATALOG NUMBER: CWP75 (30W-3000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	1683.9	1696.3	1589.2	1260.1	902.6	538.6	188.9	58.1	31.9	9.4	0.6
46°	1722.9	1694.1	1582.9	1262.5	899.3	515.6	179.5	55.3	28.8	7.3	0.3
47°	1762.3	1866.6	1543.6	1260.2	896.1	493.9	171.3	52.5	25.9	5.1	0.4
48°	1801.7	1881.5	1556.2	1262.4	889.6	469.9	163.0	49.5	22.8	3.5	0.4
49°	1809.8	1774.7	1625.9	1262.6	879.9	450.4	155.8	46.4	19.8	2.6	0.4
50°	1852.0	1781.9	1623.3	1244.9	875.3	436.0	145.6	43.5	16.7	1.5	0.4
51°	1801.4	1787.0	1593.5	1247.5	866.0	425.2	137.9	40.7	14.1	0.3	0.4
52°	1891.9	1757.1	1599.0	1277.8	853.2	415.1	129.3	38.0	11.7	0.3	0.5
53°	1995.3	1847.3	1575.9	1283.8	844.3	404.6	121.9	35.4	9.7	0.4	0.5
54°	1940.5	1906.0	1560.9	1270.0	828.7	391.3	113.9	32.7	7.8	0.4	0.5
55°	1898.6	1858.9	1608.4	1262.2	812.7	379.2	107.3	30.2	6.0	0.4	0.5
56°	1904.8	1834.3	1634.3	1256.3	814.1	366.4	100.7	27.8	4.5	0.4	0.5
57°	1865.9	1831.9	1630.0	1248.5	806.7	355.4	94.8	25.4	3.0	0.4	0.6
58°	1837.2	1796.3	1623.8	1258.7	786.2	343.8	88.7	23.1	1.9	0.4	0.6
59°	1863.7	1784.2	1607.6	1262.2	768.7	332.7	83.4	21.0	1.0	0.5	0.6
60°	1849.2	1805.3	1584.8	1256.7	754.1	325.9	77.7	18.8	0.4	0.5	0.6
61°	1809.4	1785.7	1578.1	1240.9	740.1	318.1	72.7	16.7	0.3	0.5	0.7
62°	1827.4	1754.9	1579.6	1225.7	731.2	307.4	67.7	14.9	0.3	0.5	0.7
63°	1806.1	1765.8	1576.8	1213.0	723.6	296.3	62.5	13.2	0.3	0.5	0.7
64°	1752.8	1736.7	1572.9	1201.0	710.8	288.0	58.3	11.6	0.3	0.6	0.8
65°	1723.4	1685.5	1568.3	1186.6	694.3	279.1	53.6	9.8	0.4	0.6	0.8
66°	1726.6	1675.4	1548.4	1177.2	677.9	272.6	49.4	8.1	0.4	0.6	0.8
67°	1678.2	1667.7	1508.4	1172.5	664.0	265.2	45.1	6.5	0.4	0.6	0.8
68°	1635.0	1604.9	1492.8	1158.4	650.8	256.4	41.3	5.0	0.4	0.7	0.9
69°	1641.9	1594.1	1466.3	1135.5	636.2	248.0	37.4	3.7	0.4	0.7	0.9
70°	1607.4	1572.7	1429.4	1118.2	625.1	239.6	33.4	2.6	0.4	0.7	0.9
71°	1612.0	1566.9	1421.0	1097.3	610.8	231.5	29.9	1.6	0.4	0.7	1.0
72°	1542.9	1522.3	1400.9	1071.7	593.1	224.4	26.7	0.9	0.5	0.7	1.0
73°	1555.9	1500.7	1386.2	1057.6	576.8	217.0	23.5	0.6	0.5	0.8	1.0
74°	1503.5	1481.0	1345.3	1039.9	559.0	209.0	20.4	0.4	0.5	0.8	1.0
75°	1477.5	1448.1	1323.3	1022.0	544.9	201.2	17.3	0.4	0.5	0.8	1.1
76°	1441.9	1414.3	1281.8	1002.4	530.0	192.4	14.8	0.3	0.5	0.8	1.1
77°	1419.8	1395.0	1251.6	978.0	516.3	184.8	12.4	0.3	0.5	0.9	1.1
78°	1380.9	1348.7	1230.4	950.6	501.8	177.5	10.3	0.3	0.5	0.9	1.2
79°	1351.3	1318.1	1189.5	922.6	483.6	170.3	8.4	0.3	0.6	0.9	1.2
80°	1338.8	1287.6	1158.2	895.4	466.5	162.8	6.7	0.3	0.6	0.9	1.2
81°	1307.0	1276.2	1138.1	870.3	449.0	155.1	5.1	0.3	0.6	0.9	1.2
82°	1264.6	1236.5	1099.8	851.8	433.8	148.1	3.8	0.3	0.6	1.0	1.3
83°	1230.9	1193.7	1062.1	824.5	421.6	140.8	2.7	0.3	0.6	1.0	1.3
84°	1226.9	1190.5	1045.5	796.9	403.2	134.9	1.8	0.3	0.6	1.0	1.3
85°	1175.4	1141.3	1015.2	780.1	398.0	129.8	1.1	0.3	0.6	1.0	1.3
86°	1129.2	1098.7	970.8	741.6	378.2	123.3	0.7	0.3	0.7	1.0	1.3
87°	1111.8	1076.3	950.5	723.1	366.5	118.3	0.4	0.3	0.7	1.0	1.4
88°	1082.9	1044.9	918.0	695.4	353.2	113.6	0.2	0.4	0.7	1.1	1.4
89°	1032.5	998.2	875.3	669.5	343.1	109.8	0.1	0.4	0.7	1.1	1.4

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CATALOG NUMBER: CWP75 (30W-3000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	1002.8	970.4	856.1	652.8	333.3	106.5	0.1	0.4	0.7	1.1	1.4
91°	989.9	956.8	836.0	634.1	326.5	103.2	0.1	0.4	0.7	1.1	1.4
92°	958.2	923.6	808.5	623.0	321.2	100.1	0.2	0.4	0.7	1.1	1.5
93°	941.3	896.6	796.8	614.5	314.5	96.6	0.2	0.4	0.8	1.1	1.5
94°	924.8	886.7	786.2	601.8	306.6	92.8	0.2	0.4	0.8	1.2	1.5
95°	908.3	875.1	771.5	589.1	297.7	89.0	0.2	0.4	0.8	1.2	1.5
96°	892.5	858.4	758.5	574.0	286.5	85.2	0.2	0.4	0.8	1.2	1.5
97°	877.6	844.2	740.8	555.0	276.8	81.7	0.2	0.4	0.8	1.2	1.5
98°	854.5	823.3	722.2	539.4	267.0	77.9	0.2	0.4	0.8	1.2	1.6
99°	839.0	808.3	708.3	524.2	257.7	74.5	0.2	0.4	0.8	1.2	1.6
100°	829.0	796.6	691.2	508.1	249.2	71.3	0.2	0.5	0.8	1.2	1.6
101°	809.3	777.2	674.5	493.3	240.2	68.0	0.2	0.5	0.8	1.2	1.6
102°	794.7	762.1	659.5	477.5	230.8	64.8	0.2	0.5	0.9	1.3	1.6
103°	779.5	747.1	643.2	462.1	221.6	61.7	0.2	0.5	0.9	1.3	1.6
104°	762.3	730.5	626.0	445.4	213.1	58.8	0.2	0.5	0.9	1.3	1.6
105°	745.7	713.0	608.5	429.0	204.6	56.3	0.2	0.5	0.9	1.3	1.6
106°	728.1	695.1	590.8	413.1	195.8	53.7	0.2	0.5	0.9	1.3	1.6
107°	710.9	677.2	572.1	397.2	187.4	51.2	0.2	0.5	0.9	1.3	1.6
108°	691.4	658.2	553.0	381.4	179.6	48.9	0.2	0.5	0.9	1.3	1.6
109°	671.6	639.1	535.1	366.4	172.2	47.0	0.2	0.5	0.9	1.3	1.6
110°	652.4	619.4	517.4	351.8	165.1	45.1	0.2	0.5	0.9	1.3	1.6
111°	633.3	600.4	500.2	337.2	158.4	43.3	0.2	0.5	0.9	1.3	1.6
112°	613.4	581.2	483.6	323.4	151.7	41.7	0.2	0.5	0.9	1.3	1.6
113°	594.2	562.7	466.5	310.0	145.0	39.9	0.2	0.5	0.9	1.2	1.6
114°	575.5	544.6	450.0	296.8	138.4	38.1	0.2	0.5	0.9	1.2	1.5
115°	557.2	526.6	434.2	284.0	131.8	36.2	0.2	0.5	0.9	1.2	1.5
116°	539.7	509.2	418.7	271.7	125.7	34.4	0.2	0.5	0.9	1.2	1.5
117°	521.8	492.2	403.1	259.6	119.9	32.6	0.3	0.5	0.9	1.2	1.5
118°	504.6	475.3	387.9	248.2	114.8	30.8	0.3	0.5	0.9	1.2	1.5
119°	487.6	458.9	373.0	236.9	109.7	28.8	0.3	0.5	0.9	1.2	1.5
120°	471.1	442.3	358.7	225.8	104.6	26.8	0.3	0.5	0.9	1.2	1.5
121°	453.8	425.6	344.5	215.4	99.5	25.0	0.3	0.5	0.9	1.2	1.5
122°	437.1	409.8	330.4	204.9	94.6	23.6	0.3	0.5	0.9	1.2	1.5
123°	420.7	394.4	316.5	194.5	89.3	22.4	0.3	0.5	0.9	1.2	1.5
124°	404.6	378.7	302.8	184.1	84.1	21.4	0.3	0.6	0.9	1.2	1.5
125°	388.2	363.2	289.5	175.1	78.9	20.6	0.3	0.6	0.9	1.2	1.5
126°	372.2	348.0	276.0	166.8	74.4	19.9	0.3	0.6	0.9	1.2	1.5
127°	357.6	333.3	262.8	158.9	70.3	19.1	0.3	0.6	0.9	1.2	1.5
128°	342.5	318.9	250.1	151.0	66.9	18.3	0.3	0.6	0.9	1.2	1.5
129°	327.0	304.2	237.5	143.2	64.0	17.7	0.3	0.6	0.9	1.2	1.5
130°	312.1	289.9	225.1	135.9	61.7	17.2	0.4	0.6	0.9	1.2	1.5
131°	297.5	275.6	212.8	128.8	60.0	16.7	0.4	0.6	0.9	1.2	1.5
132°	282.8	261.7	200.5	121.8	58.0	16.3	0.4	0.6	0.9	1.2	1.5
133°	269.1	247.8	188.7	114.9	55.3	15.8	0.4	0.6	0.9	1.2	1.5
134°	255.5	234.9	177.2	108.3	52.2	15.1	0.4	0.7	0.9	1.2	1.5

REPORT NUMBER: P1444954

CATALOG NUMBER: CWP75 (30W-3000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
135°	241.5	221.6	166.2	101.9	49.2	14.4	0.4	0.7	1.0	1.2	1.5
136°	228.4	208.8	155.5	95.8	46.6	13.7	0.4	0.7	1.0	1.3	1.5
137°	215.7	196.7	145.4	90.1	44.1	13.0	0.5	0.7	1.0	1.3	1.5
138°	203.2	184.5	135.5	84.5	41.8	12.2	0.5	0.7	1.0	1.3	1.5
139°	190.8	172.5	126.3	78.9	39.7	11.5	0.5	0.7	1.0	1.3	1.5
140°	178.4	160.6	117.9	74.1	37.8	10.8	0.5	0.7	1.0	1.3	1.5
141°	165.4	148.4	109.6	69.5	36.2	10.1	0.5	0.8	1.0	1.3	1.5
142°	153.0	136.0	101.2	65.3	34.6	9.4	0.6	0.8	1.0	1.3	1.5
143°	140.3	123.7	93.5	61.7	33.3	8.6	0.6	0.8	1.0	1.3	1.5
144°	127.4	111.7	86.4	58.4	32.2	8.0	0.6	0.8	1.0	1.3	1.5
145°	114.3	100.4	79.3	55.2	30.9	7.3	0.6	0.8	1.1	1.3	1.5
146°	101.3	90.6	72.3	52.0	29.0	6.6	0.6	0.8	1.1	1.3	1.5
147°	89.6	81.0	66.2	49.0	26.9	5.9	0.7	0.9	1.1	1.3	1.5
148°	77.9	71.3	60.8	46.5	24.7	5.3	0.7	0.9	1.1	1.3	1.5
149°	66.2	63.8	56.2	44.4	22.7	4.7	0.7	0.9	1.1	1.3	1.4
150°	60.3	58.6	52.8	42.1	20.9	4.1	0.7	0.9	1.1	1.3	1.4
151°	60.1	57.0	50.6	39.7	19.3	3.7	0.8	0.9	1.1	1.2	1.4
152°	59.3	56.0	48.5	37.3	17.9	3.3	0.8	0.9	1.1	1.2	1.4
153°	56.3	53.5	45.8	34.9	16.6	2.9	0.8	0.9	1.1	1.2	1.4
154°	52.8	50.3	42.8	32.4	15.3	2.4	0.8	0.9	1.1	1.2	1.3
155°	49.1	46.8	39.7	29.8	14.1	2.0	0.8	0.9	1.1	1.2	1.3
156°	45.4	43.3	36.8	27.1	12.9	1.5	0.9	1.0	1.1	1.2	1.3
157°	42.1	40.0	34.0	24.3	11.8	1.1	0.9	1.0	1.1	1.2	1.2
158°	38.8	37.0	31.3	21.7	10.7	0.8	0.9	1.0	1.1	1.1	1.2
159°	35.8	34.1	28.8	19.2	9.8	0.8	0.9	1.0	1.1	1.1	1.2
160°	32.8	31.3	26.3	17.0	8.8	0.8	0.9	1.0	1.1	1.1	1.2
161°	29.9	28.5	23.6	15.0	7.9	0.8	0.9	1.0	1.1	1.1	1.1
162°	27.2	25.9	21.0	13.3	6.9	0.8	1.0	1.0	1.0	1.1	1.1
163°	24.7	23.4	18.5	11.7	5.9	0.8	1.0	1.0	1.0	1.1	1.1
164°	22.2	21.0	16.1	10.3	4.8	0.8	1.0	1.0	1.0	1.1	1.0
165°	19.8	18.6	13.8	9.2	3.6	0.8	1.0	1.0	1.0	1.0	1.0
166°	17.2	16.0	11.8	8.1	2.6	0.9	1.0	1.0	1.0	1.0	1.0
167°	14.5	13.4	10.0	6.9	1.7	0.9	1.0	1.0	1.0	1.0	1.0
168°	11.8	10.9	8.7	5.6	1.0	0.9	1.0	1.0	1.0	1.0	1.0
169°	9.9	9.1	7.3	4.0	0.8	0.9	1.0	1.0	1.0	1.0	0.9
170°	8.0	7.4	5.8	2.5	0.8	0.9	1.0	1.0	1.0	1.0	0.9
171°	6.1	5.6	3.9	1.3	0.8	0.9	1.0	1.0	1.0	1.0	0.9
172°	4.0	3.5	2.0	0.8	0.8	0.9	1.0	1.0	1.0	1.0	0.9
173°	1.9	1.6	0.8	0.7	0.8	0.9	1.0	1.0	1.0	1.0	0.9
174°	0.7	0.7	0.7	0.7	0.8	0.9	1.0	1.0	1.0	0.9	0.9
175°	0.6	0.6	0.7	0.8	0.8	0.9	1.0	1.0	1.0	0.9	0.9
176°	0.6	0.6	0.7	0.8	0.8	0.9	1.0	1.0	1.0	0.9	0.9
177°	0.7	0.6	0.7	0.7	0.8	0.9	1.0	1.0	1.0	0.9	0.9
178°	0.7	0.6	0.7	0.7	0.8	0.8	1.0	1.0	1.0	0.9	0.9
179°	0.7	0.6	0.7	0.7	0.8	0.8	1.0	1.0	1.0	0.9	0.8



REPORT NUMBER: P1444954
CATALOG NUMBER: CWP75 (30W-3000K)

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: P1444954

CATALOG NUMBER: CWP75 (30W-3000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	505.3	505.3	505.3	505.3	505.3	505.3	505.3	505.3	505.3	505.3	505.3
1°	384.2	386.3	396.4	415.5	441.7	468.0	494.7	489.8	518.2	547.2	575.4
2°	290.8	290.7	300.6	321.7	348.2	402.6	466.3	489.6	545.1	608.0	654.6
3°	197.4	195.0	204.8	228.0	275.9	341.5	436.6	490.1	577.8	660.9	690.7
4°	104.8	100.6	109.4	134.8	203.6	289.7	398.2	488.3	607.5	684.6	739.2
5°	67.5	65.5	69.2	87.8	131.8	229.8	362.4	484.9	633.2	704.5	779.8
6°	57.2	56.1	57.4	63.2	92.6	170.5	333.9	486.8	656.4	743.8	805.4
7°	52.7	52.3	52.7	55.6	67.1	134.3	306.1	482.2	667.6	771.9	853.8
8°	51.7	51.9	51.4	52.0	57.9	105.2	278.8	478.2	673.0	787.5	888.1
9°	53.6	54.3	53.0	51.2	53.9	80.7	247.3	474.0	681.8	812.4	932.4
10°	56.9	57.8	56.0	52.6	51.6	65.6	215.8	464.0	687.4	840.0	969.3
11°	60.6	61.4	59.7	55.4	51.1	58.9	184.5	459.2	697.0	853.2	1008.7
12°	63.1	63.2	62.6	58.7	52.4	54.9	158.5	448.0	706.5	869.5	1051.2
13°	65.5	65.3	65.3	62.3	54.6	52.5	137.2	443.4	705.3	892.0	1089.2
14°	73.1	75.9	72.4	65.6	57.3	50.9	119.2	434.3	706.6	908.4	1118.9
15°	90.2	96.4	87.9	70.4	60.6	50.2	103.5	427.0	705.6	932.1	1150.7
16°	114.1	122.2	109.6	80.2	64.2	50.2	88.9	415.7	702.4	951.5	1166.5
17°	130.6	134.1	127.1	93.6	68.1	51.2	76.1	406.7	701.9	968.2	1170.7
18°	134.8	130.5	131.8	107.6	73.3	52.9	66.1	396.4	699.2	982.2	1145.1
19°	129.3	125.4	128.1	115.8	79.3	55.4	58.6	389.7	696.6	991.9	1119.3
20°	124.3	116.7	122.3	119.8	86.1	58.6	53.5	380.3	699.0	1002.4	1085.0
21°	115.0	107.5	114.1	118.9	91.6	62.1	50.1	371.5	698.7	1009.9	1062.4
22°	105.7	98.7	105.3	114.0	96.2	66.0	48.0	365.0	697.3	1007.6	1046.7
23°	97.1	88.9	96.9	107.4	98.7	69.8	46.3	357.5	695.2	998.8	1035.7
24°	88.9	82.1	87.5	99.8	98.7	73.2	44.9	352.5	694.7	979.9	1059.9
25°	81.4	74.6	80.7	92.1	97.0	76.4	44.4	346.1	699.4	944.3	1088.1
26°	74.2	67.2	73.3	84.3	94.5	78.7	44.2	339.7	698.1	924.2	1115.4
27°	67.6	61.1	66.5	76.8	90.8	80.5	44.5	334.8	698.9	891.9	1138.3
28°	60.6	53.9	59.8	69.5	86.3	81.5	45.5	328.9	697.2	867.0	1150.3
29°	53.8	47.1	52.6	62.4	81.4	81.6	46.6	323.1	700.4	858.2	1160.5
30°	46.5	38.1	45.7	55.4	76.1	80.9	48.3	317.1	698.4	834.2	1168.7
31°	37.7	29.1	37.4	48.9	70.6	79.3	50.2	309.5	692.8	827.1	1176.3
32°	30.2	25.1	29.9	43.1	64.7	77.1	52.0	300.3	687.9	839.2	1184.3
33°	25.6	21.2	25.4	37.1	58.6	74.1	53.9	295.4	680.0	852.1	1191.2
34°	21.0	17.4	21.0	31.4	52.7	70.5	55.7	287.9	674.3	859.9	1193.1
35°	16.5	15.9	16.7	26.1	47.0	66.8	57.2	283.1	664.9	867.0	1196.0
36°	14.6	14.2	14.6	22.3	41.7	63.1	58.4	274.5	654.4	868.0	1197.6
37°	13.0	11.5	12.9	18.6	36.8	59.2	59.2	267.3	643.6	865.6	1198.5
38°	10.8	10.1	10.7	14.8	32.4	55.2	59.4	257.6	630.7	862.5	1201.5
39°	9.5	9.1	9.2	12.3	27.7	51.1	59.3	251.3	618.6	861.1	1199.4
40°	8.4	6.7	8.3	10.7	23.9	47.2	58.8	242.7	598.3	859.5	1199.8
41°	6.2	0.8	6.1	8.7	20.0	43.6	57.7	234.6	578.2	859.0	1200.8
42°	0.7	0.4	0.7	7.0	16.2	40.0	56.3	226.2	558.1	857.8	1204.2
43°	0.4	0.4	0.4	5.9	13.2	36.6	54.9	217.4	536.5	856.6	1203.3
44°	0.4	0.4	0.4	4.4	10.7	33.3	53.1	209.3	509.9	855.0	1207.5

REPORT NUMBER: P1444954

CATALOG NUMBER: CWP75 (30W-3000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	0.4	0.4	0.4	0.8	8.7	30.3	51.0	196.8	489.7	853.2	1208.8
46°	0.4	0.4	0.4	0.4	6.9	27.4	49.0	188.4	471.4	850.5	1207.6
47°	0.4	0.5	0.4	0.4	4.9	24.6	46.9	178.0	446.0	845.8	1209.4
48°	0.4	0.5	0.5	0.4	3.2	21.8	44.3	169.8	427.4	841.0	1212.9
49°	0.5	0.5	0.5	0.4	2.3	19.0	41.8	158.6	415.0	833.6	1199.9
50°	0.5	0.5	0.5	0.5	1.4	16.2	39.3	149.0	406.4	825.4	1191.5
51°	0.5	0.6	0.5	0.5	0.4	13.6	36.7	138.8	396.2	816.1	1207.3
52°	0.5	0.6	0.6	0.5	0.4	11.5	34.2	129.6	385.5	808.2	1224.9
53°	0.6	0.6	0.6	0.5	0.4	9.5	31.8	121.4	374.7	793.8	1219.0
54°	0.6	0.6	0.6	0.5	0.4	7.6	29.4	113.1	362.4	781.9	1209.0
55°	0.6	0.7	0.6	0.6	0.4	5.9	27.1	105.2	350.1	775.6	1203.2
56°	0.6	0.7	0.7	0.6	0.5	4.4	24.8	98.3	339.1	767.4	1193.7
57°	0.7	0.7	0.7	0.6	0.5	3.0	22.6	91.8	329.1	750.5	1188.9
58°	0.7	0.7	0.7	0.6	0.5	1.9	20.6	85.3	321.0	736.1	1201.0
59°	0.7	0.8	0.7	0.7	0.5	1.0	18.6	78.9	313.2	720.6	1203.0
60°	0.8	0.8	0.8	0.7	0.5	0.4	16.6	73.0	304.2	710.2	1187.8
61°	0.8	0.8	0.8	0.7	0.5	0.4	14.9	68.1	294.4	701.9	1173.8
62°	0.8	0.9	0.8	0.7	0.6	0.4	13.3	64.2	285.2	692.3	1160.2
63°	0.9	0.9	0.9	0.8	0.6	0.4	11.8	58.6	276.4	681.8	1148.3
64°	0.9	1.0	0.9	0.8	0.6	0.4	10.5	54.9	269.0	669.7	1144.8
65°	0.9	1.0	1.0	0.8	0.6	0.4	9.1	51.7	261.6	654.8	1130.1
66°	1.0	1.0	1.0	0.9	0.7	0.4	7.6	46.8	254.2	640.1	1119.7
67°	1.0	1.1	1.0	0.9	0.7	0.4	6.1	43.3	246.3	626.7	1110.4
68°	1.0	1.1	1.1	0.9	0.7	0.4	4.8	39.9	238.0	613.7	1091.3
69°	1.1	1.1	1.1	0.9	0.7	0.5	3.6	35.9	230.4	601.1	1075.5
70°	1.1	1.2	1.1	1.0	0.7	0.5	2.6	32.4	222.5	587.2	1060.1
71°	1.1	1.2	1.2	1.0	0.8	0.5	1.7	29.5	215.4	572.4	1038.5
72°	1.2	1.2	1.2	1.0	0.8	0.5	1.0	26.4	208.3	557.9	1018.7
73°	1.2	1.3	1.2	1.1	0.8	0.5	0.6	23.5	200.8	540.6	1000.0
74°	1.2	1.3	1.3	1.1	0.8	0.5	0.5	21.0	193.6	524.7	982.9
75°	1.3	1.3	1.3	1.1	0.9	0.5	0.4	18.7	185.3	509.5	963.6
76°	1.3	1.4	1.3	1.1	0.9	0.6	0.4	16.3	177.7	495.3	946.0
77°	1.3	1.4	1.3	1.2	0.9	0.6	0.3	14.1	170.3	481.6	917.7
78°	1.3	1.4	1.4	1.2	0.9	0.6	0.3	12.2	163.3	464.0	892.8
79°	1.4	1.5	1.4	1.2	0.9	0.6	0.3	10.4	155.9	448.4	866.8
80°	1.4	1.5	1.4	1.3	1.0	0.6	0.3	8.7	148.4	431.5	834.8
81°	1.4	1.5	1.5	1.3	1.0	0.6	0.3	7.0	141.4	414.8	820.0
82°	1.5	1.5	1.5	1.3	1.0	0.6	0.3	5.6	134.8	405.2	797.2
83°	1.5	1.6	1.5	1.3	1.0	0.6	0.3	4.3	128.7	388.3	768.0
84°	1.5	1.6	1.5	1.3	1.0	0.6	0.3	3.1	123.8	380.9	754.8
85°	1.5	1.6	1.5	1.3	1.0	0.7	0.4	2.2	117.2	363.1	719.6
86°	1.5	1.6	1.6	1.4	1.0	0.7	0.4	1.4	112.6	351.9	699.2
87°	1.6	1.6	1.6	1.4	1.1	0.7	0.4	0.8	107.6	337.1	676.1
88°	1.6	1.7	1.6	1.4	1.1	0.7	0.4	0.4	104.2	326.5	646.4
89°	1.6	1.7	1.6	1.4	1.1	0.7	0.4	0.2	100.8	317.2	629.3

REPORT NUMBER: P1444954

CATALOG NUMBER: CWP75 (30W-3000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
90°	1.6	1.7	1.7	1.5	1.1	0.7	0.4	0.2	98.1	310.1	611.6
91°	1.7	1.7	1.7	1.5	1.1	0.7	0.4	0.1	95.2	305.5	596.8
92°	1.7	1.8	1.7	1.5	1.1	0.7	0.4	0.1	91.9	299.9	589.6
93°	1.7	1.8	1.7	1.5	1.2	0.8	0.4	0.1	88.5	293.3	580.7
94°	1.7	1.8	1.8	1.5	1.2	0.8	0.4	0.1	85.2	284.5	568.8
95°	1.7	1.8	1.8	1.6	1.2	0.8	0.4	0.1	81.6	275.0	555.2
96°	1.8	1.9	1.8	1.6	1.2	0.8	0.4	0.1	78.5	265.7	538.4
97°	1.8	1.9	1.8	1.6	1.2	0.8	0.5	0.1	74.9	256.7	522.6
98°	1.8	1.9	1.8	1.6	1.2	0.8	0.5	0.1	71.7	248.0	509.0
99°	1.8	1.9	1.9	1.6	1.2	0.8	0.5	0.1	68.8	239.9	494.3
100°	1.8	1.9	1.9	1.6	1.2	0.8	0.5	0.1	65.8	231.8	480.3
101°	1.8	1.9	1.9	1.6	1.3	0.8	0.5	0.1	62.7	222.8	466.2
102°	1.9	2.0	1.9	1.6	1.3	0.9	0.5	0.1	59.7	214.5	451.6
103°	1.9	2.0	1.9	1.7	1.3	0.9	0.5	0.1	57.0	206.5	436.8
104°	1.9	2.0	1.9	1.7	1.3	0.9	0.5	0.2	54.5	198.7	422.0
105°	1.9	2.0	1.9	1.7	1.3	0.9	0.5	0.2	52.1	190.6	406.1
106°	1.9	2.0	1.9	1.7	1.3	0.9	0.5	0.2	49.7	182.6	391.2
107°	1.9	2.0	1.9	1.7	1.3	0.9	0.5	0.2	47.6	175.2	376.8
108°	1.9	2.0	1.9	1.7	1.3	0.9	0.5	0.2	45.6	168.2	362.0
109°	1.9	2.0	1.9	1.7	1.3	0.9	0.5	0.2	43.8	161.8	348.0
110°	1.9	2.0	1.9	1.7	1.3	0.9	0.6	0.2	42.1	155.2	334.2
111°	1.9	2.0	1.9	1.7	1.3	0.9	0.6	0.2	40.4	148.9	320.6
112°	1.8	1.9	1.9	1.6	1.3	0.9	0.6	0.2	38.7	142.7	307.5
113°	1.8	1.9	1.9	1.6	1.3	0.9	0.6	0.2	37.0	136.4	294.3
114°	1.8	1.9	1.8	1.6	1.3	0.9	0.6	0.2	35.2	129.9	281.9
115°	1.8	1.9	1.8	1.6	1.3	0.9	0.6	0.2	33.3	123.6	269.8
116°	1.7	1.9	1.8	1.6	1.3	0.9	0.6	0.2	31.6	118.0	258.1
117°	1.7	1.8	1.8	1.6	1.3	0.9	0.6	0.2	29.9	113.0	246.9
118°	1.7	1.8	1.8	1.6	1.3	0.9	0.6	0.2	28.2	108.2	235.7
119°	1.7	1.8	1.8	1.6	1.3	0.9	0.6	0.2	26.4	103.4	225.0
120°	1.7	1.8	1.8	1.6	1.3	0.9	0.6	0.2	24.6	98.7	214.3
121°	1.7	1.8	1.8	1.6	1.3	0.9	0.6	0.2	23.1	93.5	204.7
122°	1.7	1.8	1.8	1.6	1.3	1.0	0.6	0.2	21.8	88.6	194.7
123°	1.7	1.8	1.8	1.6	1.3	1.0	0.7	0.2	20.8	83.6	184.8
124°	1.7	1.8	1.8	1.6	1.3	1.0	0.7	0.2	20.0	78.7	175.5
125°	1.7	1.8	1.8	1.6	1.3	1.0	0.7	0.2	19.3	74.1	167.0
126°	1.7	1.8	1.8	1.6	1.3	1.0	0.7	0.2	18.6	70.0	159.6
127°	1.7	1.8	1.8	1.6	1.3	1.0	0.7	0.2	17.9	66.3	151.6
128°	1.7	1.8	1.8	1.6	1.4	1.0	0.7	0.2	17.2	63.2	143.8
129°	1.7	1.8	1.8	1.6	1.4	1.1	0.7	0.2	16.7	60.7	136.3
130°	1.7	1.8	1.8	1.6	1.4	1.1	0.8	0.3	16.3	58.8	129.2
131°	1.7	1.8	1.8	1.6	1.4	1.1	0.8	0.3	15.9	56.9	122.2
132°	1.7	1.8	1.8	1.7	1.4	1.1	0.8	0.3	15.4	54.3	115.4
133°	1.7	1.8	1.8	1.7	1.4	1.1	0.8	0.3	14.9	51.3	108.9
134°	1.7	1.8	1.8	1.7	1.4	1.1	0.8	0.3	14.2	48.2	102.7

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CATALOG NUMBER: CWP75 (30W-3000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
135°	1.7	1.8	1.8	1.7	1.4	1.1	0.8	0.3	13.6	45.6	96.5
136°	1.7	1.8	1.8	1.7	1.4	1.2	0.9	0.3	12.9	43.1	90.7
137°	1.7	1.8	1.8	1.7	1.4	1.2	0.9	0.3	12.2	40.9	84.9
138°	1.7	1.8	1.8	1.7	1.5	1.2	0.9	0.3	11.3	39.0	79.1
139°	1.7	1.8	1.8	1.7	1.5	1.2	0.9	0.4	10.6	37.0	74.3
140°	1.7	1.8	1.8	1.7	1.5	1.2	0.9	0.4	9.8	35.3	69.7
141°	1.7	1.8	1.8	1.7	1.5	1.2	0.9	0.4	9.1	33.8	65.4
142°	1.7	1.8	1.8	1.7	1.5	1.2	1.0	0.4	8.4	32.5	61.7
143°	1.7	1.8	1.8	1.7	1.5	1.2	1.0	0.4	7.6	31.4	58.5
144°	1.7	1.7	1.7	1.7	1.5	1.2	1.0	0.4	6.9	30.3	55.6
145°	1.6	1.7	1.7	1.7	1.5	1.3	1.0	0.4	6.2	29.0	52.7
146°	1.6	1.7	1.7	1.6	1.5	1.3	1.0	0.5	5.6	27.4	49.7
147°	1.6	1.7	1.7	1.6	1.5	1.3	1.1	0.5	5.0	25.6	47.1
148°	1.6	1.7	1.7	1.6	1.5	1.3	1.1	0.5	4.5	24.0	44.7
149°	1.6	1.7	1.7	1.6	1.5	1.3	1.1	0.5	4.0	22.5	42.4
150°	1.6	1.6	1.6	1.6	1.5	1.3	1.1	0.5	3.5	21.1	40.2
151°	1.5	1.6	1.6	1.6	1.5	1.3	1.1	0.6	3.1	19.7	37.8
152°	1.5	1.6	1.6	1.6	1.5	1.3	1.2	0.6	2.7	18.4	35.4
153°	1.5	1.5	1.6	1.5	1.5	1.3	1.2	0.6	2.3	17.2	33.0
154°	1.4	1.5	1.5	1.5	1.4	1.3	1.2	0.6	1.8	15.8	30.8
155°	1.4	1.5	1.5	1.5	1.4	1.3	1.2	0.6	1.4	14.5	28.4
156°	1.4	1.4	1.4	1.4	1.4	1.3	1.2	0.7	1.0	13.1	26.2
157°	1.3	1.4	1.4	1.4	1.4	1.3	1.3	0.7	0.7	11.8	23.9
158°	1.3	1.3	1.4	1.4	1.4	1.3	1.3	0.7	0.6	10.5	21.8
159°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.7	0.6	9.4	19.7
160°	1.2	1.2	1.3	1.3	1.3	1.3	1.3	0.7	0.7	8.2	17.7
161°	1.2	1.2	1.2	1.2	1.3	1.3	1.2	0.7	0.7	7.2	15.8
162°	1.1	1.1	1.2	1.2	1.2	1.2	1.2	0.8	0.7	6.2	13.9
163°	1.1	1.1	1.1	1.1	1.2	1.2	1.2	0.8	0.7	5.1	12.1
164°	1.0	1.0	1.0	1.1	1.1	1.1	1.2	0.8	0.7	3.9	10.4
165°	1.0	1.0	1.0	1.0	1.0	1.1	1.1	0.8	0.7	2.8	9.0
166°	1.0	0.9	0.9	0.9	1.0	1.1	1.1	0.8	0.8	1.8	7.5
167°	0.9	0.9	0.9	0.9	0.9	1.0	1.1	0.8	0.8	1.1	6.2
168°	0.9	0.8	0.8	0.8	0.9	1.0	1.1	0.8	0.8	0.7	4.8
169°	0.9	0.8	0.8	0.8	0.8	0.9	1.0	0.9	0.8	0.7	3.2
170°	0.8	0.8	0.7	0.8	0.8	0.9	1.0	0.9	0.8	0.7	1.8
171°	0.8	0.8	0.7	0.7	0.8	0.9	1.0	0.9	0.8	0.8	0.8
172°	0.8	0.8	0.7	0.7	0.8	0.9	1.0	0.9	0.8	0.8	0.7
173°	0.8	0.7	0.7	0.7	0.7	0.8	0.9	0.9	0.8	0.8	0.7
174°	0.8	0.7	0.7	0.7	0.7	0.8	0.9	0.9	0.9	0.8	0.7
175°	0.8	0.7	0.7	0.7	0.7	0.8	0.9	0.9	0.9	0.8	0.7
176°	0.8	0.7	0.7	0.7	0.7	0.8	0.9	0.9	0.9	0.8	0.8
177°	0.8	0.7	0.7	0.7	0.7	0.7	0.8	0.9	0.9	0.8	0.8
178°	0.8	0.7	0.7	0.6	0.7	0.7	0.8	1.0	0.9	0.9	0.8
179°	0.8	0.7	0.7	0.6	0.7	0.7	0.8	1.0	0.9	0.9	0.8



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CATALOG NUMBER: CWP75 (30W-3000K)

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: P1444954

CATALOG NUMBER: CWP75 (30W-3000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	505.3	505.3	505.3
1°	599.0	615.7	623.2
2°	680.0	689.0	691.8
3°	723.5	750.8	762.0
4°	782.3	800.8	808.6
5°	821.8	859.5	871.7
6°	877.1	908.8	924.9
7°	920.0	970.1	988.9
8°	972.3	1033.5	1057.1
9°	1023.3	1101.3	1127.4
10°	1084.7	1164.4	1187.3
11°	1136.1	1216.7	1238.3
12°	1183.0	1249.4	1261.4
13°	1217.0	1255.6	1238.8
14°	1235.4	1221.4	1230.2
15°	1208.3	1197.0	1198.1
16°	1188.8	1194.1	1203.0
17°	1148.9	1181.8	1211.6
18°	1155.9	1219.4	1266.7
19°	1138.3	1270.9	1315.5
20°	1177.6	1321.5	1361.6
21°	1223.9	1356.4	1394.6
22°	1266.7	1384.1	1423.9
23°	1297.1	1407.6	1441.0
24°	1318.9	1436.3	1472.8
25°	1340.8	1465.8	1507.7
26°	1365.4	1487.1	1529.7
27°	1385.6	1509.4	1550.6
28°	1404.0	1533.1	1582.4
29°	1419.8	1555.1	1611.5
30°	1435.5	1577.8	1627.1
31°	1450.3	1598.9	1645.0
32°	1464.7	1609.9	1658.3
33°	1478.1	1628.7	1680.6
34°	1491.0	1647.7	1686.2
35°	1506.0	1668.1	1728.7
36°	1515.2	1686.1	1737.0
37°	1523.8	1701.8	1743.6
38°	1530.3	1723.8	1785.1
39°	1541.5	1733.1	1771.9
40°	1545.3	1748.9	1810.9
41°	1543.3	1767.8	1819.1
42°	1548.3	1758.6	1777.0
43°	1553.1	1765.7	1848.0
44°	1547.6	1766.6	1765.2

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CATALOG NUMBER: CWP75 (30W-3000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	1547.1	1707.4	1683.9
46°	1531.2	1737.0	1722.9
47°	1510.5	1877.1	1762.3
48°	1541.5	1870.1	1801.7
49°	1577.2	1773.5	1809.8
50°	1552.2	1778.8	1852.0
51°	1547.1	1778.1	1801.4
52°	1558.6	1768.8	1891.9
53°	1520.1	1860.8	1995.3
54°	1525.6	1903.8	1940.5
55°	1568.4	1851.2	1898.6
56°	1577.9	1825.2	1904.8
57°	1578.2	1819.8	1865.9
58°	1567.5	1783.1	1837.2
59°	1546.8	1777.5	1863.7
60°	1531.8	1792.8	1849.2
61°	1532.0	1766.8	1809.4
62°	1526.6	1756.0	1827.4
63°	1515.7	1761.0	1806.1
64°	1516.5	1721.8	1752.8
65°	1506.5	1671.9	1723.4
66°	1473.0	1667.0	1726.6
67°	1450.9	1640.1	1678.2
68°	1436.2	1590.5	1635.0
69°	1405.3	1579.6	1641.9
70°	1380.0	1559.1	1607.4
71°	1363.7	1557.8	1612.0
72°	1343.8	1505.6	1542.9
73°	1316.9	1493.8	1555.9
74°	1293.9	1463.1	1503.5
75°	1268.4	1423.7	1477.5
76°	1231.4	1389.0	1441.9
77°	1201.1	1366.0	1419.8
78°	1174.2	1323.3	1380.9
79°	1134.9	1296.8	1351.3
80°	1113.2	1285.9	1338.8
81°	1097.2	1254.5	1307.0
82°	1054.2	1209.2	1264.6
83°	1022.6	1181.6	1230.9
84°	1011.8	1170.5	1226.9
85°	967.6	1121.0	1175.4
86°	930.4	1077.6	1129.2
87°	912.4	1060.5	1111.8
88°	870.9	1027.2	1082.9
89°	840.0	980.9	1032.5

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CATALOG NUMBER: CWP75 (30W-3000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
90°	825.3	960.4	1002.8
91°	798.7	940.0	989.9
92°	777.7	904.9	958.2
93°	769.5	880.4	941.3
94°	758.1	872.5	924.8
95°	744.2	861.8	908.3
96°	729.5	847.3	892.5
97°	710.8	829.8	877.6
98°	695.0	809.7	854.5
99°	681.0	795.5	839.0
100°	664.5	781.1	829.0
101°	649.9	764.7	809.3
102°	635.0	751.0	794.7
103°	619.5	734.8	779.5
104°	603.0	718.6	762.3
105°	586.3	701.7	745.7
106°	569.2	684.2	728.1
107°	551.8	666.9	710.9
108°	533.6	647.7	691.4
109°	516.6	629.2	671.6
110°	500.2	610.1	652.4
111°	483.7	591.3	633.3
112°	467.5	573.0	613.4
113°	451.6	554.3	594.2
114°	436.4	536.8	575.5
115°	421.0	519.4	557.2
116°	405.7	502.5	539.7
117°	391.2	486.0	521.8
118°	376.5	469.4	504.6
119°	362.1	453.1	487.6
120°	348.1	436.6	471.1
121°	334.7	420.5	453.8
122°	321.1	404.8	437.1
123°	307.4	389.5	420.7
124°	294.3	374.2	404.6
125°	281.2	359.0	388.2
126°	268.1	344.3	372.2
127°	255.2	329.5	357.6
128°	242.7	315.0	342.5
129°	230.4	300.6	327.0
130°	218.5	286.6	312.1
131°	206.7	272.4	297.5
132°	194.8	258.7	282.8
133°	183.3	245.4	269.1
134°	171.8	232.1	255.5

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CATALOG NUMBER: CWP75 (30W-3000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
135°	160.7	219.1	241.5
136°	150.1	206.6	228.4
137°	139.9	194.5	215.7
138°	130.4	182.6	203.2
139°	121.6	170.7	190.8
140°	113.4	158.8	178.4
141°	105.2	146.5	165.4
142°	97.2	134.5	153.0
143°	89.7	122.2	140.3
144°	82.3	110.1	127.4
145°	74.8	98.6	114.3
146°	68.5	88.9	101.3
147°	62.9	79.2	89.6
148°	57.9	69.6	77.9
149°	54.0	62.3	66.2
150°	51.4	58.2	60.3
151°	49.3	57.0	60.1
152°	47.1	55.8	59.3
153°	44.3	53.0	56.3
154°	41.4	49.7	52.8
155°	38.5	46.1	49.1
156°	35.7	42.8	45.4
157°	33.1	39.6	42.1
158°	30.5	36.6	38.8
159°	28.0	33.7	35.8
160°	25.6	30.8	32.8
161°	23.3	28.1	29.9
162°	21.0	25.5	27.2
163°	18.9	23.1	24.7
164°	16.7	20.7	22.2
165°	14.4	18.3	19.8
166°	12.2	15.8	17.2
167°	10.2	13.2	14.5
168°	8.5	10.8	11.8
169°	6.8	9.0	9.9
170°	5.2	7.2	8.0
171°	3.3	5.4	6.1
172°	1.6	3.2	4.0
173°	0.7	1.4	1.9
174°	0.7	0.6	0.7
175°	0.7	0.6	0.6
176°	0.7	0.7	0.6
177°	0.7	0.7	0.7
178°	0.7	0.7	0.7
179°	0.8	0.7	0.7

REPORT NUMBER: P1444954

CATALOG NUMBER: CWP75 (30W-3000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.7	0.7	0.7

(END OF REPORT)