

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: P1444953

Luminaire Tested: CWP30 (30W-5000K)

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2024
Report Number: P1444953
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: CWP30 (30W-5000K)
Description: COMPACT WALL PACK, 30W
SET TO 30W, 5000K CCT
Light Source: 3000K/5000K CCT, 80 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3982 lumens
Efficiency: N/A
Efficacy: 127.6 lumens/watt
Luminous Opening: Circular (Dia: 1.88m x H: 0m)
IES Classification: Type IV - Short
BUG Rating: B0 - U4 - G3

Input Watts (W): 31.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



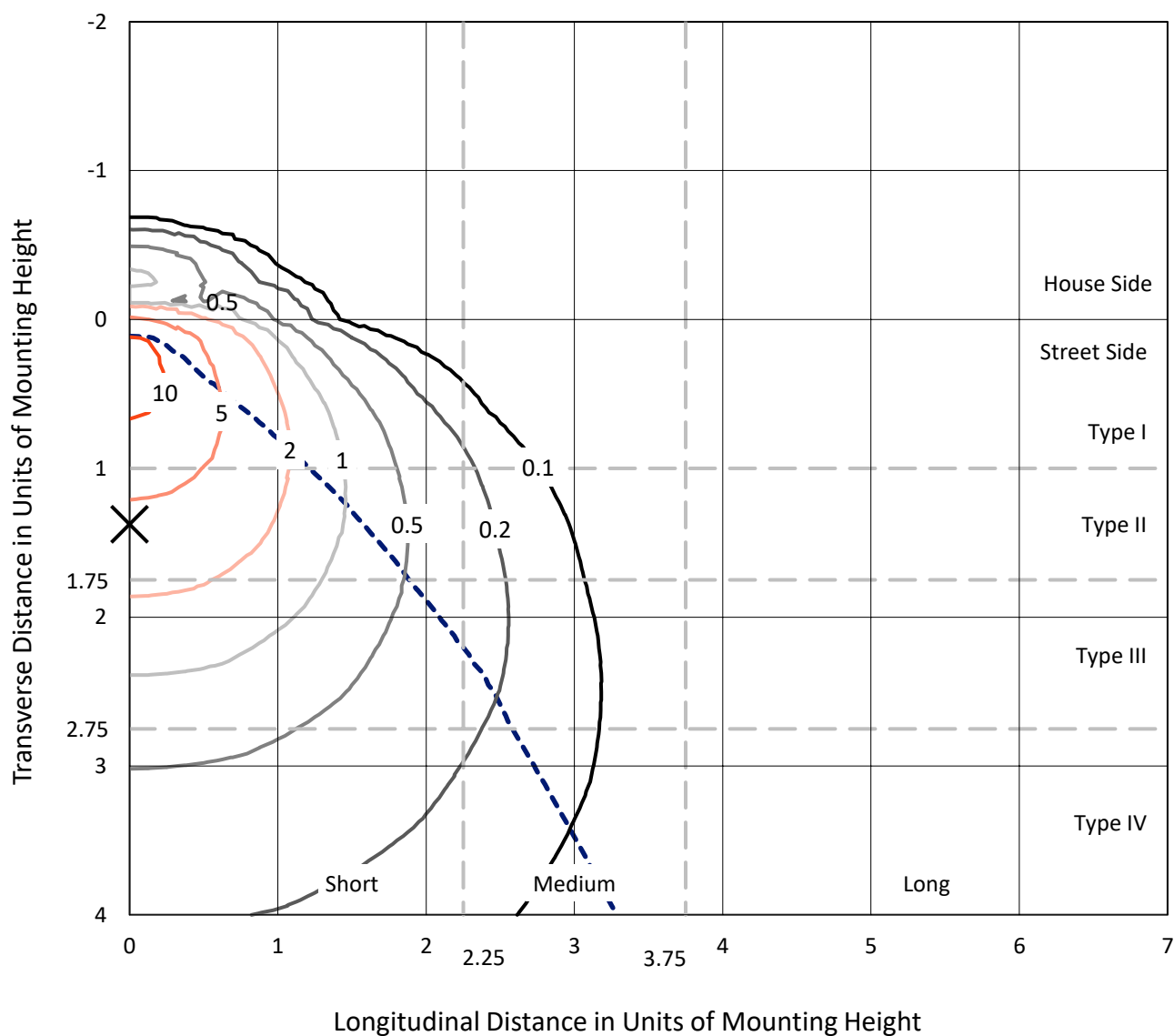
REPORT NUMBER: P1444953

CATALOG NUMBER: CWP30 (30W-5000K)

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



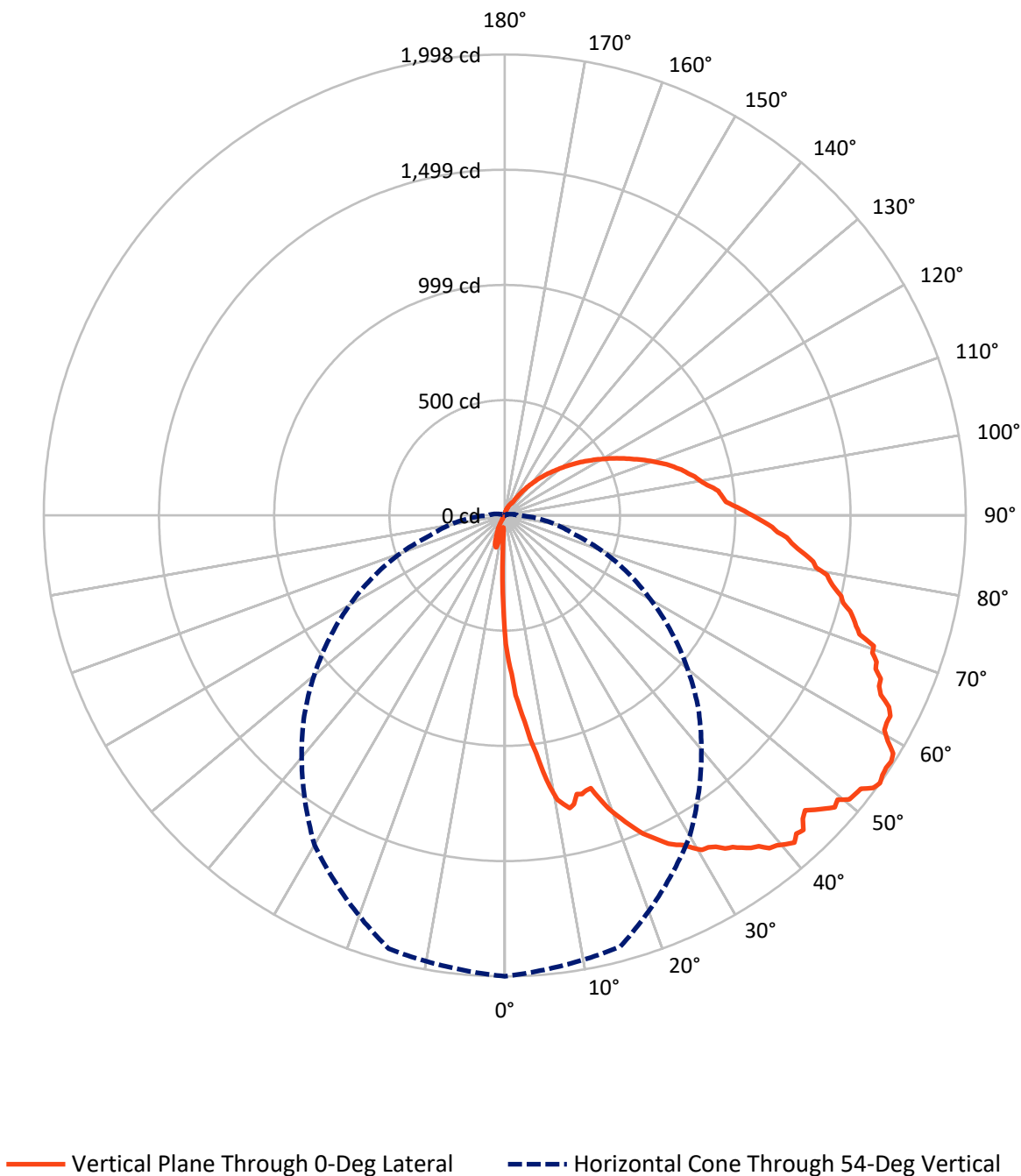
Based on 10 foot mounting height. Maximum calculated value = 11.6 fc

Type IV - Short - N/A

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Luminous Intensity Polar Plot



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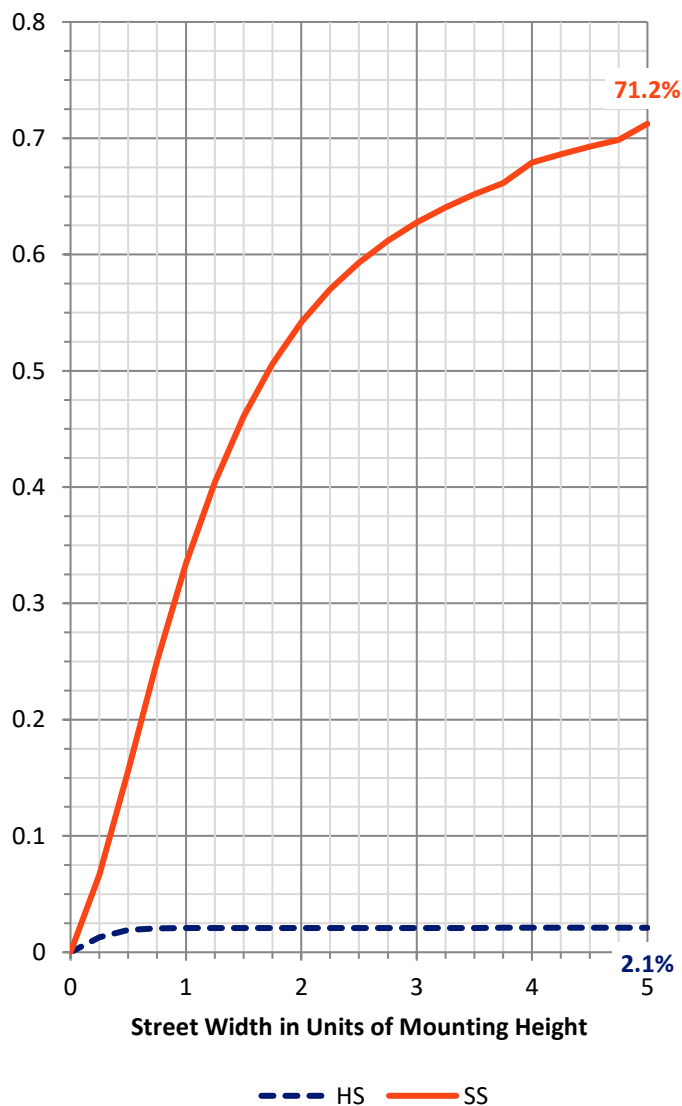
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	84.9	3.8	88.7
	% Fixture	2.1	0.1	2.2
Street Side	Lumens	3117.4	775.9	3893.3
	% Fixture	78.3	19.5	97.8
Total	Lumens	3202.2	779.8	3982.0
	% Fixture	80.4	19.6	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.9	1.3
10°-20°	164.5	4.1
20°-30°	277.1	7.0
30°-40°	379.2	9.5
40°-50°	457.1	11.5
50°-60°	515.9	13.0
60°-70°	522.8	13.1
70°-80°	466.4	11.7
80°-90°	369.4	9.3
90°-100°	278.7	7.0
100°-110°	209.7	5.3
110°-120°	140.1	3.5
120°-130°	83.4	2.1
130°-140°	42.4	1.1
140°-150°	16.9	0.4
150°-160°	6.6	0.2
160°-170°	1.8	0.0
170°-180°	0.1	0.0
0°-90°	3202.2	80.4
0°-180°	3982.0	100.0

Coefficient of Utilization



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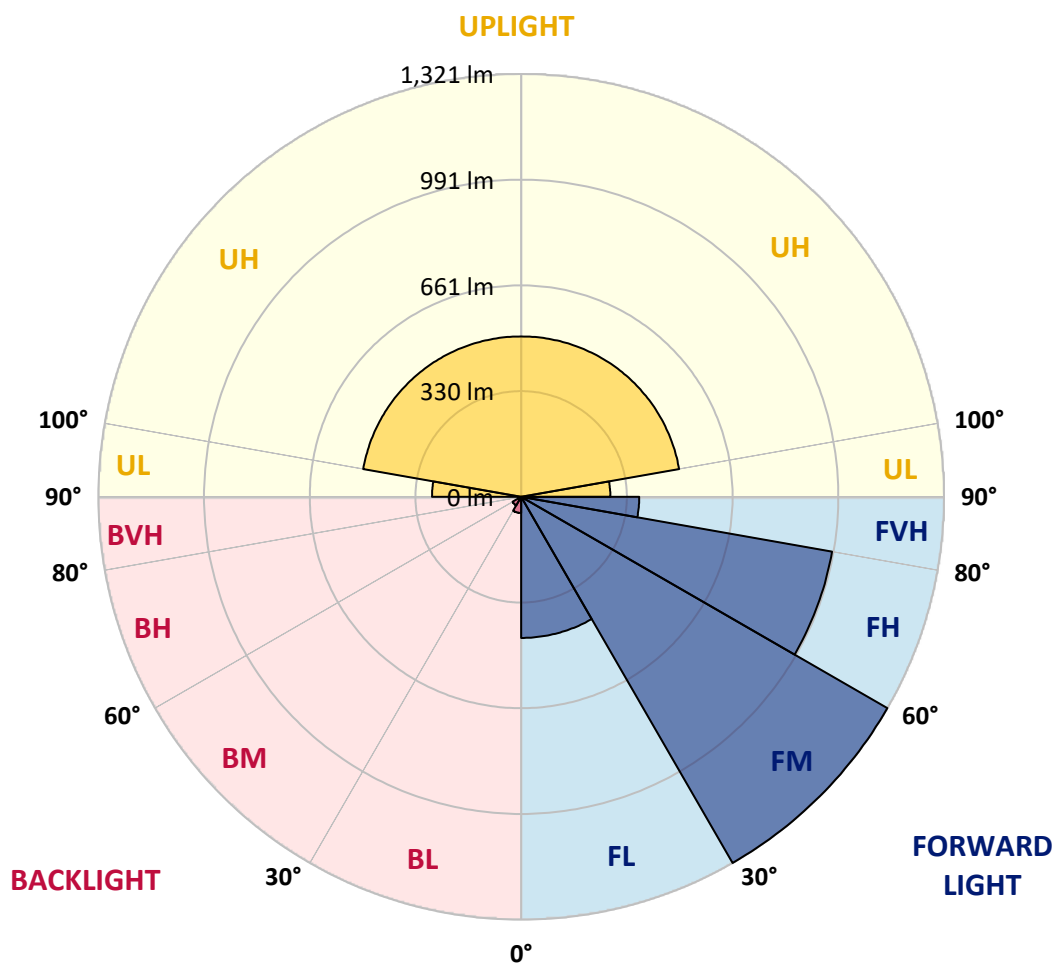
CATALOG NUMBER: CWP30 (30W-5000K)

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	441.0	11.1			
FM	(30°-60°)	1321.2	33.2			
FH	(60°-80°)	986.4	24.8			G1/1800
FVH	(80°-90°)	368.7	9.3			G3/500
BL	(0°-30°)	50.5	1.3	B0/110		
BM	(30°-60°)	31.0	0.8	B0/220		
BH	(60°-80°)	2.7	0.1	B0/110		G0/110
BVH	(80°-90°)	0.6	0.0			G0/10
UL	(90°-100°)	278.7	7.0		U3/500	
UH	(100°-180°)	501.1	12.6		U4/1000	

BUG Rating: B0-U4-G3

Type IV Short



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CATALOG NUMBER: CWP30 (30W-5000K)

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	557.3	557.3	557.3	557.3	557.3	557.3	557.3	557.3	557.3	557.3	557.3
1°	630.2	632.3	628.9	618.8	607.0	591.8	540.7	511.1	481.2	458.0	444.2
2°	686.6	685.8	673.0	657.1	637.1	608.5	536.6	475.1	420.4	383.9	354.5
3°	781.4	779.7	749.9	707.4	664.3	628.9	540.3	442.7	370.2	305.3	264.7
4°	837.1	832.3	816.1	778.7	697.8	644.9	544.4	416.9	311.6	224.8	174.9
5°	897.1	885.6	859.3	826.4	753.8	657.6	536.9	388.6	253.9	144.4	85.5
6°	975.5	962.4	927.0	864.8	794.9	659.7	523.3	352.0	196.1	86.3	64.1
7°	1037.7	1028.2	989.3	909.0	807.1	667.0	517.7	317.3	138.5	65.6	55.7
8°	1123.2	1101.5	1046.4	955.0	824.8	676.7	504.1	287.4	93.9	58.3	53.2
9°	1193.8	1173.1	1120.4	987.8	841.3	692.7	497.2	263.4	71.6	53.9	54.2
10°	1253.4	1233.8	1178.8	1027.2	868.7	720.4	501.0	229.8	62.7	53.4	56.3
11°	1277.0	1258.6	1218.1	1070.4	909.8	739.1	494.6	196.2	57.7	54.7	60.5
12°	1299.8	1302.7	1240.1	1116.7	943.9	737.2	468.7	162.7	54.4	56.5	66.4
13°	1287.0	1306.4	1272.9	1155.3	960.7	733.2	450.4	130.7	53.1	59.6	75.0
14°	1247.9	1271.8	1275.6	1195.5	956.6	723.0	428.8	104.6	52.6	65.1	88.6
15°	1253.1	1240.8	1251.6	1208.9	972.8	711.8	410.7	86.1	53.4	71.5	106.3
16°	1243.4	1227.9	1207.0	1215.6	992.4	700.1	400.5	73.1	54.5	80.2	119.6
17°	1240.1	1237.5	1201.6	1197.1	1000.2	706.4	391.7	65.4	56.6	88.8	133.1
18°	1294.3	1252.8	1178.9	1173.8	1009.0	706.5	368.3	58.7	59.7	97.8	138.8
19°	1349.2	1284.1	1190.3	1131.5	1033.0	689.6	354.5	53.8	64.2	104.6	138.9
20°	1387.7	1338.1	1208.0	1098.0	1029.3	686.2	343.5	50.5	68.3	110.2	132.7
21°	1427.2	1391.2	1242.2	1090.0	1009.6	679.5	334.3	47.8	72.7	113.3	125.5
22°	1466.2	1428.2	1283.2	1069.7	986.5	683.8	325.8	46.4	76.2	114.0	118.1
23°	1503.6	1469.1	1324.6	1069.6	973.8	683.4	317.7	45.6	80.0	113.3	111.2
24°	1531.5	1498.5	1352.9	1076.0	954.5	687.9	310.9	45.5	83.3	111.7	101.6
25°	1560.5	1527.4	1380.1	1091.8	934.6	672.4	305.1	45.7	85.7	107.0	93.6
26°	1589.8	1554.4	1405.8	1112.5	904.0	667.8	300.2	46.8	87.2	101.0	85.1
27°	1609.9	1575.6	1424.0	1130.7	874.6	663.9	295.4	48.6	88.0	93.9	77.2
28°	1626.0	1594.8	1432.2	1155.6	859.6	663.6	286.9	51.3	86.7	87.1	69.1
29°	1655.9	1617.0	1445.5	1172.9	839.7	663.3	278.5	53.9	84.9	80.1	61.1
30°	1682.9	1635.8	1468.1	1186.0	819.2	654.9	273.6	55.4	82.2	73.7	53.7
31°	1688.1	1646.3	1489.0	1193.5	814.5	643.5	265.0	57.5	79.1	66.9	46.1
32°	1702.9	1649.9	1504.4	1192.4	803.5	638.6	253.2	59.7	76.0	59.6	38.9
33°	1731.5	1663.7	1515.1	1193.6	809.2	631.0	242.7	60.7	71.9	53.2	32.2
34°	1745.3	1683.6	1527.2	1192.6	808.2	611.8	230.8	61.6	67.7	47.7	27.0
35°	1769.6	1703.0	1535.2	1188.0	813.6	605.6	218.8	62.5	63.0	42.1	23.0
36°	1793.0	1726.0	1547.7	1182.0	816.1	584.1	207.0	62.8	58.8	36.9	18.9
37°	1808.2	1747.7	1564.0	1183.9	817.8	565.6	199.1	62.1	54.4	32.0	14.9
38°	1842.7	1770.5	1577.4	1182.8	813.2	554.8	190.0	60.9	50.0	27.3	12.7
39°	1853.6	1787.8	1582.2	1176.8	810.6	542.8	174.6	59.3	46.1	23.6	10.8
40°	1875.5	1806.0	1593.9	1180.7	803.7	533.0	165.1	57.5	41.9	20.0	9.0
41°	1894.2	1822.5	1602.0	1178.3	798.3	509.1	156.2	54.9	38.0	16.3	6.8
42°	1871.7	1832.9	1606.3	1180.4	792.2	491.4	149.0	51.8	34.0	13.2	5.3
43°	1879.9	1829.3	1619.4	1184.2	787.8	472.3	141.3	48.3	30.7	10.8	4.3
44°	1843.4	1823.1	1617.4	1184.8	781.7	452.5	135.1	44.8	27.4	8.9	3.4

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CATALOG NUMBER: CWP30 (30W-5000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
45°	1824.9	1798.0	1611.5	1187.7	778.1	436.1	127.6	41.6	24.3	7.2	0.6
46°	1853.0	1800.8	1602.3	1194.3	774.2	419.2	119.4	38.9	21.5	5.6	0.4
47°	1881.3	1888.5	1577.0	1192.6	771.0	399.4	110.6	36.0	18.7	3.8	0.4
48°	1909.6	1918.7	1581.1	1186.1	767.7	383.6	104.1	33.3	16.0	2.6	0.4
49°	1896.9	1877.8	1620.0	1186.8	765.4	368.4	96.0	30.4	13.4	1.9	0.4
50°	1936.1	1868.1	1624.1	1178.5	760.8	353.4	86.1	27.8	11.3	1.0	0.4
51°	1940.8	1890.7	1616.9	1173.9	755.3	340.7	77.5	25.5	9.5	0.3	0.5
52°	1946.1	1890.8	1624.1	1190.5	748.0	327.8	69.5	23.4	7.7	0.3	0.5
53°	1986.2	1905.2	1621.6	1196.5	736.6	316.8	61.9	21.4	6.4	0.4	0.5
54°	1998.1	1935.4	1604.4	1187.1	729.4	306.9	55.7	19.4	5.0	0.4	0.5
55°	1987.3	1948.1	1607.5	1182.5	716.6	298.3	49.1	17.4	3.7	0.4	0.5
56°	1982.4	1944.1	1615.5	1181.8	709.8	288.6	43.7	15.5	2.6	0.4	0.6
57°	1985.8	1944.3	1631.1	1173.7	700.8	279.1	38.4	13.7	1.6	0.4	0.6
58°	1974.5	1947.5	1636.7	1174.6	691.6	269.9	35.1	12.1	0.9	0.5	0.6
59°	1927.5	1934.6	1635.0	1172.2	677.2	261.0	32.1	10.7	0.5	0.5	0.6
60°	1891.2	1891.4	1635.2	1172.0	667.3	254.6	29.6	9.4	0.4	0.5	0.7
61°	1883.4	1874.8	1625.6	1169.9	656.4	248.3	26.9	8.2	0.3	0.5	0.7
62°	1883.9	1865.7	1596.1	1165.6	643.0	240.7	24.9	7.1	0.3	0.5	0.7
63°	1860.9	1868.6	1579.8	1152.3	634.6	234.0	23.2	6.2	0.4	0.6	0.8
64°	1806.3	1835.6	1569.1	1134.5	624.0	227.0	21.7	5.3	0.4	0.6	0.8
65°	1783.0	1788.4	1569.2	1125.2	615.7	221.2	20.1	4.4	0.4	0.6	0.8
66°	1777.5	1778.3	1546.5	1110.2	604.6	214.9	18.5	3.6	0.4	0.6	0.9
67°	1740.0	1759.9	1517.4	1103.2	593.3	209.1	17.1	2.9	0.4	0.7	0.9
68°	1732.3	1728.8	1502.1	1086.1	577.4	203.0	15.7	2.3	0.4	0.7	0.9
69°	1700.9	1710.7	1484.7	1064.2	564.0	196.8	14.3	1.7	0.4	0.7	1.0
70°	1697.2	1697.7	1464.9	1055.0	554.3	190.8	12.9	1.2	0.4	0.7	1.0
71°	1621.9	1656.2	1449.5	1039.5	540.4	184.3	11.6	0.8	0.5	0.8	1.0
72°	1597.4	1587.9	1427.2	1024.8	525.4	177.6	10.2	0.6	0.5	0.8	1.0
73°	1576.7	1582.8	1360.2	1009.7	514.0	171.9	8.9	0.5	0.5	0.8	1.1
74°	1554.1	1548.7	1338.4	990.1	500.3	165.2	7.7	0.4	0.5	0.8	1.1
75°	1514.7	1527.1	1318.4	958.6	489.3	158.9	6.5	0.3	0.5	0.9	1.1
76°	1500.1	1491.0	1300.7	936.2	473.3	153.2	5.5	0.3	0.5	0.9	1.2
77°	1466.4	1466.4	1264.8	917.3	454.2	147.6	4.6	0.3	0.6	0.9	1.2
78°	1439.5	1442.3	1240.6	895.3	440.0	140.2	3.7	0.3	0.6	0.9	1.2
79°	1421.4	1411.4	1213.6	873.1	424.5	133.8	3.0	0.3	0.6	1.0	1.3
80°	1367.8	1364.5	1188.5	854.7	411.0	128.1	2.4	0.3	0.6	1.0	1.3
81°	1352.1	1350.7	1142.2	833.6	397.0	122.1	2.0	0.3	0.6	1.0	1.3
82°	1315.4	1307.1	1126.2	801.4	381.6	117.4	1.5	0.3	0.6	1.0	1.3
83°	1278.0	1266.9	1084.6	780.1	368.7	111.4	1.2	0.3	0.6	1.0	1.4
84°	1249.5	1231.5	1050.5	753.4	351.9	106.5	0.9	0.3	0.7	1.0	1.4
85°	1226.9	1202.2	1022.0	725.6	339.8	101.7	0.6	0.3	0.7	1.1	1.4
86°	1184.3	1153.6	981.2	699.9	326.8	97.3	0.4	0.3	0.7	1.1	1.4
87°	1160.2	1133.0	956.0	677.6	316.0	94.1	0.2	0.3	0.7	1.1	1.5
88°	1125.2	1097.6	921.8	653.5	305.7	90.9	0.1	0.4	0.7	1.1	1.5
89°	1090.1	1063.1	888.9	632.1	298.5	87.7	0.1	0.4	0.7	1.1	1.5

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CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
90°	1056.4	1028.1	860.8	615.7	292.1	85.5	0.1	0.4	0.7	1.2	1.5
91°	1023.9	993.8	832.1	598.9	287.3	83.5	0.1	0.4	0.8	1.2	1.5
92°	991.5	953.9	802.9	585.7	282.3	80.8	0.1	0.4	0.8	1.2	1.6
93°	960.4	923.9	786.8	575.9	274.5	77.2	0.2	0.4	0.8	1.2	1.6
94°	950.6	911.4	777.8	564.4	267.3	73.9	0.2	0.4	0.8	1.2	1.6
95°	941.2	903.9	763.4	550.6	258.7	70.6	0.2	0.4	0.8	1.2	1.6
96°	931.8	884.1	746.2	535.9	248.4	67.5	0.2	0.4	0.8	1.3	1.6
97°	912.2	864.8	727.4	517.5	239.8	64.6	0.2	0.4	0.8	1.3	1.7
98°	887.6	841.0	705.9	502.9	233.0	62.2	0.2	0.4	0.9	1.3	1.7
99°	868.6	822.1	690.5	489.8	225.7	59.9	0.2	0.5	0.9	1.3	1.7
100°	854.1	808.2	676.0	476.0	218.7	57.8	0.2	0.5	0.9	1.3	1.7
101°	840.7	793.5	660.4	462.2	211.6	55.7	0.2	0.5	0.9	1.3	1.7
102°	823.0	777.0	644.8	448.8	204.9	53.6	0.2	0.5	0.9	1.3	1.7
103°	805.9	760.0	630.3	433.2	196.5	51.3	0.2	0.5	0.9	1.3	1.7
104°	790.6	742.8	613.0	416.9	188.6	48.9	0.2	0.5	0.9	1.3	1.7
105°	772.0	726.1	596.0	401.9	181.0	46.8	0.2	0.5	0.9	1.3	1.7
106°	754.4	707.2	578.1	386.8	173.6	44.8	0.2	0.5	0.9	1.3	1.7
107°	734.9	688.7	560.8	371.8	166.6	42.8	0.2	0.5	0.9	1.3	1.7
108°	714.7	668.3	543.3	357.2	160.1	41.0	0.2	0.5	0.9	1.3	1.7
109°	694.5	648.8	525.8	342.9	153.7	39.3	0.2	0.5	0.9	1.3	1.7
110°	673.9	629.0	507.8	328.7	147.3	37.6	0.2	0.5	0.9	1.3	1.7
111°	652.7	608.4	490.8	314.6	141.1	36.1	0.2	0.5	0.9	1.3	1.7
112°	632.2	589.4	473.5	301.3	134.6	34.5	0.2	0.5	0.9	1.3	1.7
113°	611.9	570.0	457.4	287.8	128.3	33.0	0.2	0.5	0.9	1.3	1.7
114°	593.0	551.5	440.9	274.9	122.3	31.4	0.2	0.5	0.9	1.3	1.6
115°	573.2	533.5	425.1	262.4	117.0	29.9	0.2	0.5	0.9	1.3	1.6
116°	554.5	515.4	408.8	250.8	111.2	28.5	0.2	0.5	0.9	1.3	1.6
117°	535.6	497.7	393.6	239.0	105.9	27.0	0.2	0.5	0.9	1.3	1.6
118°	517.1	479.2	378.3	228.8	100.8	25.6	0.2	0.5	0.9	1.3	1.6
119°	497.7	462.0	363.7	217.9	95.9	24.1	0.3	0.5	0.9	1.3	1.6
120°	480.4	444.9	348.6	206.7	91.4	22.4	0.3	0.5	0.9	1.3	1.6
121°	463.0	428.2	334.4	196.3	86.8	20.9	0.3	0.5	0.9	1.2	1.6
122°	445.1	411.2	319.8	186.3	82.3	19.9	0.3	0.5	0.9	1.2	1.6
123°	427.6	394.8	305.5	177.1	77.9	19.2	0.3	0.5	0.9	1.2	1.6
124°	411.2	379.0	291.5	168.5	73.6	18.6	0.3	0.6	0.9	1.2	1.6
125°	393.4	362.8	278.1	160.3	69.4	18.0	0.3	0.6	0.9	1.3	1.6
126°	376.1	346.8	264.5	152.3	65.5	17.3	0.3	0.6	0.9	1.3	1.6
127°	359.9	331.6	251.1	144.7	62.2	16.6	0.3	0.6	0.9	1.3	1.6
128°	344.5	316.4	238.3	137.1	59.3	16.2	0.3	0.6	0.9	1.3	1.6
129°	327.9	301.3	225.7	130.0	56.7	15.9	0.3	0.6	0.9	1.3	1.6
130°	312.6	286.5	212.7	122.8	54.5	15.8	0.3	0.6	0.9	1.3	1.6
131°	297.6	271.8	200.6	115.9	52.2	15.7	0.4	0.6	0.9	1.3	1.6
132°	282.7	257.4	188.3	108.9	49.9	15.5	0.4	0.6	1.0	1.3	1.6
133°	267.7	243.0	176.4	102.1	47.3	14.8	0.4	0.7	1.0	1.3	1.6
134°	253.3	229.2	164.6	95.2	44.3	13.9	0.4	0.7	1.0	1.3	1.6

REPORT NUMBER: P1444953

CATALOG NUMBER: CWP30 (30W-5000K)

CANDELA DISTRIBUTION (continued):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
135°	239.1	215.7	153.2	88.9	41.4	12.7	0.4	0.7	1.0	1.3	1.6
136°	224.6	202.1	142.6	82.5	39.1	11.7	0.4	0.7	1.0	1.3	1.6
137°	210.8	188.8	132.3	77.1	37.1	11.2	0.5	0.7	1.0	1.3	1.6
138°	196.9	175.7	122.6	72.3	35.5	10.8	0.5	0.7	1.0	1.3	1.6
139°	183.3	162.2	113.8	68.2	33.9	10.3	0.5	0.7	1.0	1.3	1.6
140°	169.8	149.2	105.5	64.2	32.6	9.9	0.5	0.8	1.0	1.3	1.6
141°	156.7	136.4	97.6	60.4	31.5	9.4	0.5	0.8	1.1	1.3	1.6
142°	143.4	124.0	90.2	57.0	30.8	8.8	0.6	0.8	1.1	1.3	1.6
143°	130.4	112.0	82.9	54.3	30.2	8.3	0.6	0.8	1.1	1.3	1.6
144°	117.4	101.0	75.5	51.9	29.5	7.7	0.6	0.8	1.1	1.3	1.6
145°	104.5	91.7	69.4	49.9	28.8	7.1	0.6	0.9	1.1	1.3	1.5
146°	92.7	82.4	64.2	47.9	27.8	6.5	0.7	0.9	1.1	1.3	1.5
147°	81.0	73.1	59.9	46.2	26.3	6.0	0.7	0.9	1.1	1.3	1.5
148°	69.3	66.1	56.1	44.8	24.7	5.4	0.7	0.9	1.1	1.3	1.5
149°	61.8	60.7	53.0	43.4	23.2	4.8	0.7	0.9	1.1	1.3	1.5
150°	60.2	57.6	51.5	41.6	22.0	4.4	0.8	0.9	1.1	1.3	1.5
151°	61.4	57.7	50.4	39.3	20.8	4.1	0.8	0.9	1.1	1.3	1.4
152°	59.6	56.8	48.6	37.0	19.6	3.7	0.8	1.0	1.1	1.3	1.4
153°	56.5	54.1	46.0	34.7	18.3	3.2	0.8	1.0	1.1	1.3	1.4
154°	53.3	50.9	43.3	32.2	17.1	2.7	0.8	1.0	1.1	1.2	1.4
155°	49.8	47.4	40.4	29.9	15.9	2.1	0.9	1.0	1.1	1.2	1.3
156°	46.3	43.9	37.2	27.6	14.8	1.6	0.9	1.0	1.1	1.2	1.3
157°	43.3	40.9	34.4	25.4	13.6	1.2	0.9	1.0	1.1	1.2	1.3
158°	40.6	38.2	32.0	23.3	12.4	0.9	0.9	1.0	1.1	1.2	1.2
159°	38.0	35.8	29.8	21.3	11.2	0.8	0.9	1.0	1.1	1.2	1.2
160°	35.3	33.3	27.7	19.5	10.2	0.9	1.0	1.0	1.1	1.1	1.2
161°	32.3	30.6	25.5	17.7	9.1	0.9	1.0	1.0	1.1	1.1	1.2
162°	29.2	27.8	23.0	15.9	8.1	0.9	1.0	1.0	1.1	1.1	1.1
163°	26.4	25.0	20.5	14.0	6.8	0.9	1.0	1.0	1.1	1.1	1.1
164°	23.5	22.2	18.2	12.3	5.4	0.9	1.0	1.0	1.1	1.1	1.1
165°	20.8	19.6	16.0	10.8	4.2	0.9	1.0	1.0	1.1	1.1	1.0
166°	18.3	17.2	13.9	9.4	3.0	0.9	1.0	1.0	1.1	1.1	1.0
167°	15.9	14.8	12.1	8.0	1.9	0.9	1.0	1.0	1.1	1.0	1.0
168°	13.5	12.8	10.6	6.6	1.1	1.0	1.0	1.0	1.0	1.0	1.0
169°	11.7	11.1	8.8	4.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0
170°	9.4	8.8	6.9	3.0	0.9	0.9	1.0	1.0	1.0	1.0	0.9
171°	7.1	6.5	4.7	1.4	0.9	0.9	1.0	1.0	1.0	1.0	0.9
172°	4.8	4.3	2.4	0.8	0.8	0.9	1.0	1.0	1.0	1.0	0.9
173°	2.3	1.9	0.9	0.7	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	0.6	0.7	0.8	0.9	0.9	1.0	1.0	1.0	1.0	0.9
176°	0.6	0.6	0.7	0.8	0.8	0.9	1.0	1.0	1.0	1.0	0.9
177°	0.6	0.6	0.7	0.8	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	0.9	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	0.9



REPORT NUMBER: P1444953
CATALOG NUMBER: CWP30 (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: P1444953

CATALOG NUMBER: CWP30 (30W-5000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	557.3	557.3	557.3	557.3	557.3	557.3	557.3	557.3	557.3	557.3	557.3
1°	437.4	438.2	444.8	461.7	485.1	513.7	542.5	536.8	564.4	585.0	602.3
2°	336.0	334.5	343.0	368.0	408.2	459.5	521.8	545.9	595.1	626.6	648.1
3°	228.4	224.4	237.0	277.4	332.7	403.2	488.6	547.2	617.0	651.2	695.8
4°	121.9	114.3	132.2	187.0	256.9	352.8	459.0	545.0	629.1	688.5	766.9
5°	70.9	69.5	73.7	97.5	181.2	300.2	423.3	538.9	634.6	731.8	824.9
6°	58.3	57.5	59.7	67.4	106.3	244.0	395.4	536.0	644.4	773.4	849.6
7°	53.5	53.7	54.0	57.9	72.6	187.9	366.5	532.5	655.7	803.4	892.0
8°	54.3	54.8	54.3	53.9	61.6	132.2	336.0	527.2	667.2	817.8	944.4
9°	56.3	57.3	56.4	54.3	56.0	92.4	308.3	527.0	693.6	839.5	991.0
10°	60.2	61.9	60.4	56.0	53.9	72.6	285.8	524.5	717.1	874.8	1023.1
11°	66.4	68.0	66.2	59.9	54.5	64.1	262.8	515.9	738.4	910.3	1075.4
12°	74.7	76.2	75.2	65.9	56.2	59.2	230.2	498.4	734.6	944.5	1125.4
13°	91.8	97.6	90.1	73.5	58.4	54.8	197.6	476.2	736.7	966.0	1171.9
14°	114.9	122.7	114.2	84.2	62.8	52.5	168.3	467.0	723.0	966.5	1203.5
15°	136.2	141.9	133.1	99.5	68.7	52.3	139.8	452.7	713.4	985.2	1215.5
16°	145.1	143.7	145.4	114.3	76.5	53.2	113.2	438.9	709.4	1008.6	1236.7
17°	140.3	138.9	142.3	126.2	84.9	55.0	94.2	433.7	712.1	1011.9	1200.7
18°	140.0	137.4	137.5	136.1	92.8	57.0	77.8	416.0	726.6	1034.4	1184.0
19°	137.7	131.8	137.4	138.2	99.8	59.6	66.4	398.6	715.8	1035.2	1134.1
20°	127.8	122.8	130.5	132.7	105.2	63.5	59.6	385.8	703.8	1034.1	1110.6
21°	116.5	110.2	117.5	128.1	109.1	68.4	54.9	377.3	703.0	1032.6	1093.2
22°	108.9	100.0	113.1	119.6	111.1	72.7	51.0	367.9	705.6	1014.0	1087.0
23°	97.9	92.7	99.8	112.8	109.9	76.3	48.4	358.2	703.5	989.5	1073.4
24°	89.5	84.0	92.1	104.8	108.3	79.5	46.1	351.2	701.5	966.4	1095.9
25°	83.1	76.8	86.5	96.6	105.8	81.9	44.9	342.9	705.9	942.0	1113.8
26°	75.9	69.4	75.5	87.4	101.7	83.6	44.6	335.0	696.1	909.2	1138.8
27°	67.8	62.5	69.6	79.7	95.3	84.6	44.9	325.9	698.4	885.0	1164.7
28°	61.4	53.8	60.0	71.1	89.0	84.6	45.5	318.8	699.8	871.4	1187.9
29°	51.9	44.2	52.6	62.9	82.6	83.9	46.1	312.2	696.7	850.3	1202.7
30°	44.1	35.2	42.7	55.8	76.2	81.5	47.5	300.6	695.1	845.3	1215.9
31°	33.1	29.7	34.0	48.4	70.2	78.8	49.2	288.3	688.8	835.5	1223.4
32°	28.0	24.1	28.7	41.1	63.0	76.1	50.7	278.2	677.6	839.2	1222.4
33°	22.9	18.6	23.4	34.5	56.8	72.4	51.3	271.0	658.0	843.7	1222.3
34°	17.8	16.9	18.1	28.4	50.8	68.8	52.6	263.5	644.2	851.1	1217.7
35°	14.9	14.9	15.3	24.5	45.0	64.6	53.9	249.5	637.7	856.8	1215.9
36°	13.0	13.5	12.8	20.5	39.7	60.2	54.6	238.2	619.3	856.6	1217.2
37°	11.8	10.1	11.7	16.6	34.8	55.4	53.8	228.9	592.6	854.4	1216.6
38°	9.2	9.0	9.3	13.5	30.3	51.2	53.0	221.2	571.8	849.3	1217.2
39°	7.9	7.9	7.9	10.9	26.2	47.1	51.9	209.9	555.2	843.6	1213.5
40°	6.9	6.8	6.6	9.3	22.1	42.9	50.6	198.6	541.2	838.9	1212.0
41°	5.8	1.2	5.9	7.5	18.0	39.4	49.2	189.3	520.2	836.5	1215.2
42°	0.7	0.4	1.4	5.6	15.2	35.9	46.9	183.9	494.0	829.1	1221.4
43°	0.4	0.4	0.4	4.2	12.6	32.3	44.7	173.7	479.3	824.3	1223.1
44°	0.4	0.4	0.4	3.5	10.1	29.0	42.4	167.8	467.1	821.5	1227.4

REPORT NUMBER: P1444953

CATALOG NUMBER: CWP30 (30W-5000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
45°	0.4	0.4	0.4	1.4	8.1	25.8	40.3	159.8	452.4	817.3	1234.6
46°	0.4	0.4	0.4	0.4	6.6	23.2	38.1	147.2	436.9	815.2	1234.2
47°	0.4	0.5	0.5	0.4	5.0	20.5	35.7	139.4	421.8	815.7	1230.9
48°	0.5	0.5	0.5	0.4	3.2	17.9	33.3	128.4	405.5	812.6	1229.8
49°	0.5	0.5	0.5	0.4	2.1	15.4	31.1	118.1	391.8	812.5	1221.8
50°	0.5	0.5	0.5	0.5	1.5	13.1	28.8	108.1	379.6	805.9	1216.3
51°	0.5	0.6	0.5	0.5	0.5	11.1	26.4	97.9	367.5	799.8	1225.4
52°	0.6	0.6	0.6	0.5	0.4	9.3	24.1	89.7	354.6	792.5	1238.0
53°	0.6	0.6	0.6	0.5	0.4	7.7	22.0	81.6	344.2	786.4	1234.3
54°	0.6	0.7	0.6	0.5	0.4	6.1	19.9	73.5	333.7	775.8	1229.2
55°	0.6	0.7	0.6	0.6	0.4	4.8	17.8	65.8	322.6	771.2	1222.0
56°	0.7	0.7	0.7	0.6	0.4	3.6	15.9	59.2	311.3	759.1	1217.9
57°	0.7	0.7	0.7	0.6	0.5	2.5	14.2	54.3	302.8	748.4	1217.0
58°	0.7	0.8	0.7	0.6	0.5	1.6	12.5	51.6	293.8	737.1	1218.7
59°	0.8	0.8	0.8	0.7	0.5	1.0	10.9	48.5	286.3	727.6	1223.1
60°	0.8	0.8	0.8	0.7	0.5	0.5	9.6	44.1	279.2	716.4	1218.8
61°	0.8	0.9	0.8	0.7	0.5	0.4	8.4	41.7	270.3	703.1	1216.6
62°	0.9	0.9	0.9	0.7	0.6	0.4	7.4	39.6	262.9	695.6	1208.8
63°	0.9	1.0	0.9	0.8	0.6	0.4	6.5	37.5	256.6	684.6	1195.5
64°	0.9	1.0	0.9	0.8	0.6	0.4	5.7	35.6	249.5	674.0	1179.7
65°	1.0	1.0	1.0	0.8	0.6	0.4	5.0	33.8	243.1	663.3	1169.4
66°	1.0	1.1	1.0	0.9	0.6	0.4	4.2	31.9	237.3	650.6	1162.0
67°	1.0	1.1	1.0	0.9	0.7	0.4	3.5	30.0	230.9	636.8	1147.9
68°	1.1	1.1	1.1	0.9	0.7	0.4	2.9	28.1	224.8	620.9	1123.6
69°	1.1	1.2	1.1	1.0	0.7	0.4	2.3	26.2	217.9	609.3	1111.1
70°	1.2	1.2	1.2	1.0	0.7	0.4	1.8	24.4	210.8	596.2	1100.2
71°	1.2	1.3	1.2	1.0	0.7	0.5	1.3	22.6	203.6	581.8	1084.7
72°	1.2	1.3	1.2	1.0	0.8	0.5	0.9	20.9	197.3	567.7	1070.9
73°	1.3	1.3	1.3	1.1	0.8	0.5	0.6	19.2	190.1	553.5	1052.8
74°	1.3	1.4	1.3	1.1	0.8	0.5	0.5	17.6	183.3	540.4	1023.7
75°	1.3	1.4	1.3	1.1	0.8	0.5	0.4	16.0	176.9	526.0	1000.3
76°	1.4	1.4	1.4	1.2	0.9	0.5	0.4	14.5	170.5	504.5	977.7
77°	1.4	1.5	1.4	1.2	0.9	0.5	0.3	13.0	163.2	489.4	959.5
78°	1.4	1.5	1.4	1.2	0.9	0.5	0.3	11.5	156.1	474.0	936.0
79°	1.5	1.5	1.5	1.2	0.9	0.6	0.3	10.1	149.2	459.0	918.4
80°	1.5	1.6	1.5	1.3	0.9	0.6	0.3	8.8	142.4	443.3	895.5
81°	1.5	1.6	1.5	1.3	1.0	0.6	0.3	7.4	136.8	428.3	865.6
82°	1.6	1.6	1.5	1.3	1.0	0.6	0.3	6.1	130.5	412.0	845.2
83°	1.6	1.7	1.6	1.3	1.0	0.6	0.3	4.9	124.7	395.9	814.3
84°	1.6	1.7	1.6	1.3	1.0	0.6	0.3	3.7	118.5	380.2	785.6
85°	1.6	1.7	1.6	1.4	1.0	0.6	0.3	2.6	113.8	367.0	761.5
86°	1.6	1.7	1.6	1.4	1.0	0.6	0.3	1.7	109.6	354.0	737.2
87°	1.7	1.7	1.7	1.4	1.0	0.6	0.3	1.1	106.2	342.8	709.1
88°	1.7	1.8	1.7	1.4	1.1	0.7	0.3	0.6	104.0	334.5	685.4
89°	1.7	1.8	1.7	1.5	1.1	0.7	0.3	0.4	101.7	328.3	666.0

REPORT NUMBER: P1444953

CATALOG NUMBER: CWP30 (30W-5000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
90°	1.8	1.8	1.7	1.5	1.1	0.7	0.4	0.3	99.4	322.7	648.5
91°	1.8	1.9	1.8	1.5	1.1	0.7	0.4	0.2	96.6	317.4	631.9
92°	1.8	1.9	1.8	1.5	1.1	0.7	0.4	0.2	92.5	309.6	621.7
93°	1.8	1.9	1.8	1.5	1.1	0.7	0.4	0.1	88.3	301.0	610.1
94°	1.9	1.9	1.8	1.6	1.2	0.7	0.4	0.1	84.1	291.6	596.4
95°	1.9	2.0	1.9	1.6	1.2	0.7	0.4	0.1	80.5	280.8	580.9
96°	1.9	2.0	1.9	1.6	1.2	0.7	0.4	0.1	77.2	270.8	562.3
97°	1.9	2.0	1.9	1.6	1.2	0.8	0.4	0.1	74.2	262.5	545.5
98°	1.9	2.0	1.9	1.6	1.2	0.8	0.4	0.1	71.5	255.1	530.9
99°	2.0	2.0	1.9	1.6	1.2	0.8	0.4	0.1	68.8	246.9	516.7
100°	2.0	2.1	1.9	1.6	1.2	0.8	0.4	0.1	66.3	239.0	502.4
101°	2.0	2.1	2.0	1.7	1.2	0.8	0.4	0.1	63.9	231.3	487.3
102°	2.0	2.1	2.0	1.7	1.2	0.8	0.5	0.1	61.1	222.6	471.9
103°	2.0	2.1	2.0	1.7	1.3	0.8	0.5	0.1	58.3	213.8	455.4
104°	2.0	2.1	2.0	1.7	1.3	0.8	0.5	0.1	55.6	205.0	439.1
105°	2.0	2.1	2.0	1.7	1.3	0.8	0.5	0.1	53.2	196.8	423.2
106°	2.0	2.1	2.0	1.7	1.3	0.8	0.5	0.1	50.7	188.8	407.1
107°	2.0	2.1	2.0	1.7	1.3	0.8	0.5	0.1	48.5	181.1	391.3
108°	2.0	2.1	2.0	1.7	1.3	0.8	0.5	0.1	46.4	174.1	375.5
109°	2.0	2.1	2.0	1.7	1.3	0.8	0.5	0.1	44.5	166.8	360.9
110°	2.0	2.1	2.0	1.7	1.3	0.9	0.5	0.1	42.5	159.9	345.2
111°	2.0	2.1	2.0	1.7	1.3	0.9	0.5	0.1	40.6	152.9	330.8
112°	2.0	2.1	2.0	1.7	1.3	0.9	0.5	0.1	38.8	146.0	316.0
113°	1.9	2.0	1.9	1.6	1.3	0.9	0.5	0.1	36.9	139.1	301.8
114°	1.9	2.0	1.9	1.6	1.2	0.9	0.5	0.1	35.1	132.8	288.6
115°	1.9	2.0	1.9	1.6	1.2	0.9	0.5	0.1	33.5	126.4	275.4
116°	1.9	2.0	1.9	1.6	1.2	0.9	0.5	0.1	31.9	120.1	262.9
117°	1.9	2.0	1.9	1.6	1.2	0.9	0.5	0.2	30.2	114.4	250.9
118°	1.8	1.9	1.8	1.6	1.2	0.9	0.6	0.2	28.5	108.8	239.5
119°	1.8	1.9	1.8	1.6	1.2	0.9	0.6	0.2	26.8	103.4	227.9
120°	1.8	1.9	1.8	1.6	1.3	0.9	0.6	0.2	25.1	98.1	216.2
121°	1.8	1.9	1.8	1.6	1.3	0.9	0.6	0.2	23.5	93.0	205.2
122°	1.8	1.9	1.8	1.6	1.3	0.9	0.6	0.2	22.5	87.9	195.2
123°	1.8	1.9	1.8	1.6	1.3	0.9	0.6	0.2	21.7	82.8	185.8
124°	1.8	1.9	1.8	1.6	1.3	0.9	0.6	0.2	21.0	77.9	176.6
125°	1.8	1.9	1.8	1.6	1.3	1.0	0.6	0.2	20.1	73.7	168.1
126°	1.8	1.9	1.8	1.6	1.3	1.0	0.7	0.2	19.3	69.7	159.6
127°	1.8	1.9	1.8	1.6	1.3	1.0	0.7	0.2	18.7	66.4	151.4
128°	1.8	1.9	1.8	1.6	1.3	1.0	0.7	0.2	18.3	63.2	143.5
129°	1.8	1.9	1.8	1.6	1.4	1.0	0.7	0.2	18.1	60.5	135.9
130°	1.8	1.9	1.8	1.7	1.4	1.1	0.7	0.2	18.0	57.8	128.8
131°	1.8	1.9	1.9	1.7	1.4	1.1	0.7	0.2	17.8	55.1	121.4
132°	1.8	1.9	1.9	1.7	1.4	1.1	0.8	0.2	17.1	52.3	114.2
133°	1.8	1.9	1.9	1.7	1.4	1.1	0.8	0.3	16.0	49.1	106.5
134°	1.8	1.9	1.8	1.7	1.4	1.1	0.8	0.3	14.6	45.9	99.3

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CATALOG NUMBER: CWP30 (30W-5000K)

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
135°	1.8	1.9	1.8	1.7	1.4	1.1	0.8	0.3	13.4	43.2	92.8
136°	1.8	1.9	1.8	1.7	1.4	1.1	0.8	0.3	12.7	41.0	86.4
137°	1.8	1.9	1.8	1.7	1.5	1.2	0.9	0.3	12.3	39.1	80.0
138°	1.8	1.9	1.8	1.7	1.5	1.2	0.9	0.3	11.9	37.2	75.2
139°	1.8	1.8	1.8	1.7	1.5	1.2	0.9	0.3	11.4	35.6	70.9
140°	1.7	1.8	1.8	1.7	1.5	1.2	0.9	0.3	10.8	34.2	66.8
141°	1.7	1.8	1.8	1.7	1.5	1.2	0.9	0.4	10.1	33.2	63.0
142°	1.7	1.8	1.8	1.7	1.5	1.2	0.9	0.4	9.4	32.6	59.4
143°	1.7	1.8	1.8	1.7	1.5	1.2	1.0	0.4	8.8	31.9	56.4
144°	1.7	1.8	1.8	1.7	1.5	1.2	1.0	0.4	8.1	31.2	54.0
145°	1.7	1.8	1.8	1.7	1.5	1.3	1.0	0.4	7.5	30.2	51.7
146°	1.7	1.8	1.8	1.7	1.5	1.3	1.0	0.4	6.9	28.9	49.5
147°	1.7	1.7	1.7	1.7	1.5	1.3	1.1	0.5	6.2	27.2	47.5
148°	1.6	1.7	1.7	1.6	1.5	1.3	1.1	0.5	5.5	25.5	46.0
149°	1.6	1.7	1.7	1.6	1.5	1.3	1.1	0.5	4.9	24.1	44.4
150°	1.6	1.7	1.7	1.6	1.5	1.3	1.1	0.5	4.4	22.8	42.2
151°	1.6	1.6	1.6	1.6	1.5	1.3	1.2	0.5	4.0	21.5	39.7
152°	1.5	1.6	1.6	1.6	1.5	1.3	1.2	0.6	3.5	20.0	37.1
153°	1.5	1.6	1.6	1.5	1.5	1.4	1.2	0.6	3.0	18.6	34.6
154°	1.4	1.5	1.5	1.5	1.5	1.4	1.2	0.6	2.4	17.3	32.0
155°	1.4	1.5	1.5	1.5	1.4	1.4	1.3	0.6	1.8	16.1	29.6
156°	1.4	1.4	1.4	1.4	1.4	1.4	1.3	0.7	1.2	14.8	27.2
157°	1.3	1.4	1.4	1.4	1.4	1.4	1.3	0.7	0.8	13.4	25.0
158°	1.3	1.3	1.4	1.4	1.4	1.4	1.3	0.7	0.6	12.1	23.0
159°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.7	0.6	10.9	21.1
160°	1.2	1.2	1.3	1.3	1.3	1.3	1.3	0.7	0.7	9.7	19.2
161°	1.2	1.2	1.2	1.2	1.3	1.3	1.3	0.8	0.7	8.5	17.3
162°	1.1	1.1	1.1	1.2	1.2	1.3	1.3	0.8	0.7	7.4	15.4
163°	1.1	1.1	1.1	1.1	1.2	1.2	1.3	0.8	0.7	6.0	13.5
164°	1.0	1.0	1.0	1.0	1.1	1.2	1.2	0.8	0.7	4.7	11.8
165°	1.0	1.0	1.0	1.0	1.1	1.1	1.2	0.8	0.7	3.4	10.5
166°	1.0	0.9	0.9	0.9	1.0	1.1	1.2	0.8	0.8	2.2	9.0
167°	0.9	0.9	0.9	0.9	0.9	1.0	1.1	0.8	0.8	1.2	7.6
168°	0.9	0.8	0.8	0.8	0.9	1.0	1.1	0.9	0.8	0.7	5.9
169°	0.9	0.8	0.8	0.8	0.8	1.0	1.1	0.9	0.8	0.7	4.0
170°	0.9	0.8	0.7	0.8	0.8	0.9	1.1	0.9	0.8	0.7	2.2
171°	0.9	0.8	0.7	0.7	0.8	0.9	1.0	0.9	0.8	0.8	0.9
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	0.8	0.7	0.7	0.8	0.9	1.0	0.9	0.9	0.8	0.7
174°	0.8	0.7	0.7	0.7	0.7	0.9	1.0	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	0.8
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	0.8	0.9	1.0	0.9	0.9	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	1.0	0.9	0.8



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CATALOG NUMBER: CWP30 (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: P1444953

CATALOG NUMBER: CWP30 (30W-5000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	557.3	557.3	557.3
1°	615.0	624.1	630.2
2°	665.2	675.2	686.6
3°	745.2	768.4	781.4
4°	816.3	832.2	837.1
5°	857.6	888.4	897.1
6°	921.8	970.4	975.5
7°	989.6	1032.5	1037.7
8°	1040.9	1105.9	1123.2
9°	1100.9	1179.4	1193.8
10°	1171.5	1241.1	1253.4
11°	1218.5	1266.2	1277.0
12°	1248.0	1307.4	1299.8
13°	1283.2	1304.5	1287.0
14°	1275.3	1269.1	1247.9
15°	1254.1	1239.3	1253.1
16°	1206.8	1226.2	1243.4
17°	1204.9	1245.1	1240.1
18°	1186.7	1261.6	1294.3
19°	1197.9	1300.9	1349.2
20°	1223.3	1355.3	1387.7
21°	1255.6	1405.2	1427.2
22°	1302.5	1438.2	1466.2
23°	1341.2	1476.5	1503.6
24°	1367.0	1501.4	1531.5
25°	1393.8	1529.6	1560.5
26°	1417.9	1550.7	1589.8
27°	1435.8	1571.4	1609.9
28°	1450.9	1587.9	1626.0
29°	1469.3	1605.3	1655.9
30°	1488.1	1630.6	1682.9
31°	1505.7	1646.6	1688.1
32°	1517.2	1657.2	1702.9
33°	1528.7	1674.2	1731.5
34°	1543.8	1694.2	1745.3
35°	1558.5	1713.3	1769.6
36°	1573.1	1736.8	1793.0
37°	1588.5	1756.0	1808.2
38°	1592.9	1784.9	1842.7
39°	1606.8	1804.8	1853.6
40°	1621.7	1821.5	1875.5
41°	1628.6	1847.9	1894.2
42°	1643.6	1852.0	1871.7
43°	1647.2	1841.9	1879.9
44°	1646.5	1836.5	1843.4

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CATALOG NUMBER: CWP30 (30W-5000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
45°	1641.9	1816.7	1824.9
46°	1629.2	1835.4	1853.0
47°	1617.4	1928.6	1881.3
48°	1637.5	1940.5	1909.6
49°	1672.2	1890.7	1896.9
50°	1668.8	1891.7	1936.1
51°	1672.6	1913.1	1940.8
52°	1672.4	1913.1	1946.1
53°	1652.8	1937.6	1986.2
54°	1649.4	1944.5	1998.1
55°	1664.2	1951.3	1987.3
56°	1676.8	1958.1	1982.4
57°	1683.5	1963.7	1985.8
58°	1689.4	1963.8	1974.5
59°	1688.9	1946.7	1927.5
60°	1686.7	1905.4	1891.2
61°	1669.7	1878.4	1883.4
62°	1641.1	1865.6	1883.9
63°	1621.1	1870.8	1860.9
64°	1623.0	1833.6	1806.3
65°	1610.0	1795.3	1783.0
66°	1582.3	1785.1	1777.5
67°	1563.1	1756.5	1740.0
68°	1550.5	1728.7	1732.3
69°	1530.1	1713.7	1700.9
70°	1515.8	1698.8	1697.2
71°	1490.2	1646.6	1621.9
72°	1450.4	1586.5	1597.4
73°	1391.1	1583.3	1576.7
74°	1379.0	1554.8	1554.1
75°	1355.9	1525.5	1514.7
76°	1328.2	1494.5	1500.1
77°	1302.6	1464.8	1466.4
78°	1268.5	1437.8	1439.5
79°	1241.3	1415.4	1421.4
80°	1208.9	1367.1	1367.8
81°	1176.9	1349.7	1352.1
82°	1146.4	1308.2	1315.4
83°	1108.1	1261.1	1278.0
84°	1070.0	1226.9	1249.5
85°	1045.5	1201.5	1226.9
86°	1008.3	1155.8	1184.3
87°	978.3	1134.1	1160.2
88°	943.8	1098.6	1125.2
89°	912.5	1060.6	1090.1

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CATALOG NUMBER: CWP30 (30W-5000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
90°	884.5	1027.3	1056.4
91°	851.9	993.3	1023.9
92°	827.7	956.3	991.5
93°	814.6	942.0	960.4
94°	803.2	928.3	950.6
95°	787.5	914.5	941.2
96°	768.0	895.8	931.8
97°	746.3	875.0	912.2
98°	727.3	852.1	887.6
99°	712.4	832.7	868.6
100°	696.0	819.2	854.1
101°	680.4	803.0	840.7
102°	664.9	786.1	823.0
103°	647.9	769.4	805.9
104°	630.6	753.4	790.6
105°	612.8	735.3	772.0
106°	594.7	716.9	754.4
107°	576.5	696.9	734.9
108°	558.1	677.5	714.7
109°	539.7	657.2	694.5
110°	521.3	636.3	673.9
111°	503.6	616.7	652.7
112°	486.7	596.7	632.2
113°	469.6	576.8	611.9
114°	452.9	558.1	593.0
115°	436.0	540.0	573.2
116°	419.7	520.9	554.5
117°	403.4	503.0	535.6
118°	388.2	484.8	517.1
119°	372.6	467.5	497.7
120°	358.0	449.4	480.4
121°	342.7	432.7	463.0
122°	327.5	415.7	445.1
123°	313.1	399.4	427.6
124°	298.9	382.8	411.2
125°	285.0	366.7	393.4
126°	271.1	350.5	376.1
127°	257.7	334.8	359.9
128°	244.2	319.5	344.5
129°	231.2	304.2	327.9
130°	218.0	289.6	312.6
131°	205.5	274.2	297.6
132°	192.8	259.9	282.7
133°	180.5	245.6	267.7
134°	168.3	231.7	253.3

REPORT NUMBER: P1444953

CATALOG NUMBER: CWP30 (30W-5000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
135°	156.4	218.1	239.1
136°	144.9	204.4	224.6
137°	134.3	191.2	210.8
138°	124.7	177.8	196.9
139°	115.4	164.2	183.3
140°	106.7	151.0	169.8
141°	98.4	138.3	156.7
142°	90.7	125.2	143.4
143°	83.0	113.2	130.4
144°	75.3	101.7	117.4
145°	69.1	92.1	104.5
146°	63.6	82.6	92.7
147°	59.2	73.1	81.0
148°	55.6	65.9	69.3
149°	53.1	60.6	61.8
150°	52.0	58.4	60.2
151°	50.9	58.7	61.4
152°	48.8	57.1	59.6
153°	46.2	54.2	56.5
154°	43.3	50.9	53.3
155°	40.2	47.3	49.8
156°	37.0	43.9	46.3
157°	34.3	41.0	43.3
158°	32.1	38.4	40.6
159°	30.0	36.0	38.0
160°	27.7	33.4	35.3
161°	25.2	30.5	32.3
162°	22.7	27.6	29.2
163°	20.2	24.8	26.4
164°	17.9	22.1	23.5
165°	15.7	19.5	20.8
166°	13.6	17.1	18.3
167°	11.9	14.7	15.9
168°	10.4	12.6	13.5
169°	8.4	10.9	11.7
170°	6.4	8.6	9.4
171°	4.1	6.3	7.1
172°	1.9	4.0	4.8
173°	0.7	1.6	2.3
174°	0.7	0.6	0.7
175°	0.7	0.6	0.6
176°	0.7	0.6	0.6
177°	0.7	0.7	0.6
178°	0.7	0.7	0.7
179°	0.8	0.7	0.7

REPORT NUMBER: P1444953

CATALOG NUMBER: CWP30 (30W-5000K)

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
180°	0.7	0.7	0.7

(END OF REPORT)