

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: HALO

Report Number: P670590

Luminaire Tested: WXPM80LSFSUNVDBZ-50W-3000K

Issue Date: 4/4/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P670590  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA ( 2022-08-17)  
Test Lab: INNOVATION CENTER  
Issue Date: 4/4/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: HALO  
Catalog Number: WXPM80LSFSUNVDBZ-50W-3000K  
Description: WALL PACK  
Light Source: 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5914 lumens  
Efficiency: N/A  
Efficacy: 121.7 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.58' x L: 0.94' x H: 0.45')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U3 - G4

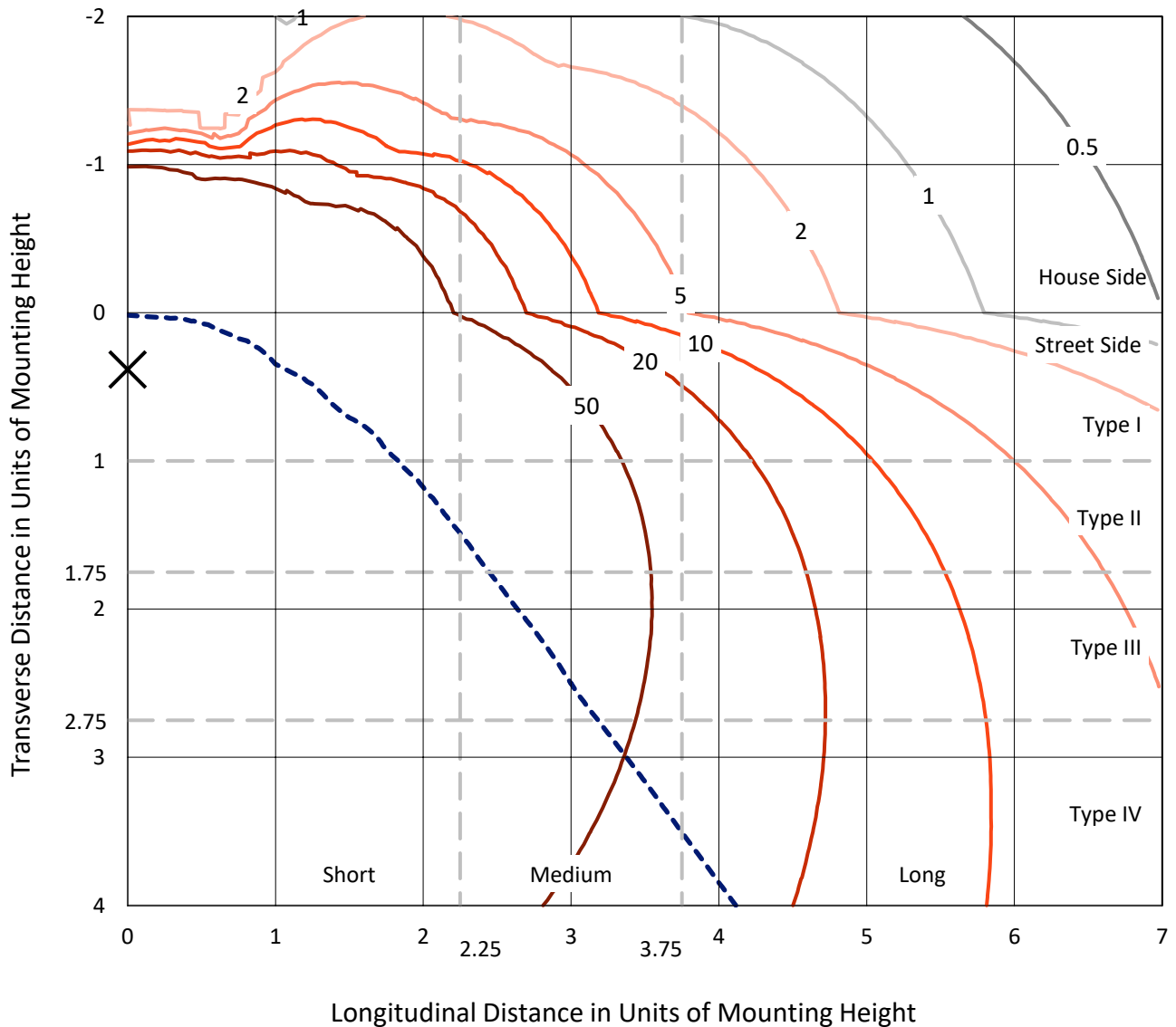
Input Watts (W): 48.6  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

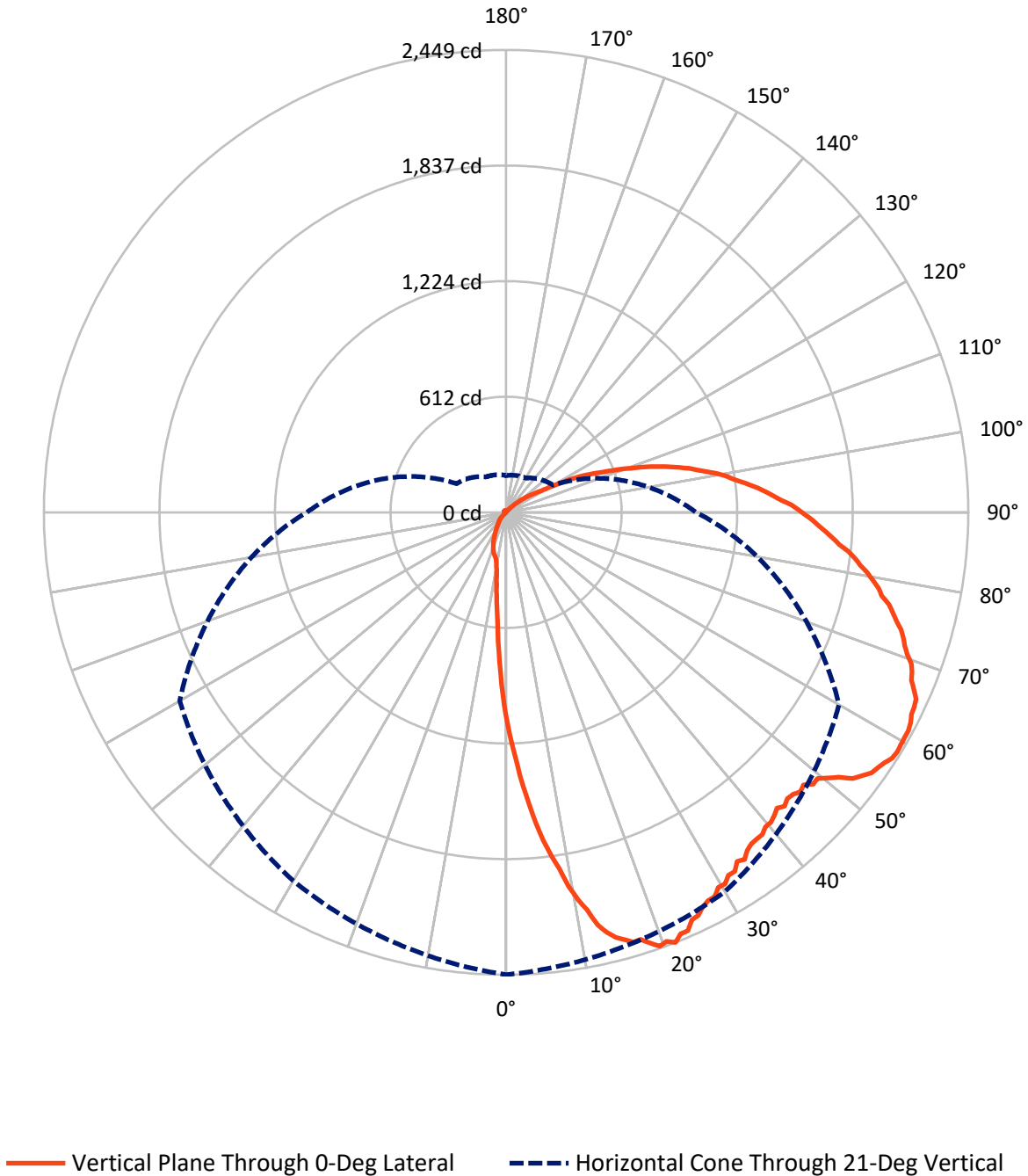
× Max cd  
 - - - 1/2 Max cd



Based on 0.5 foot mounting height. Maximum calculated value = 8495.3 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



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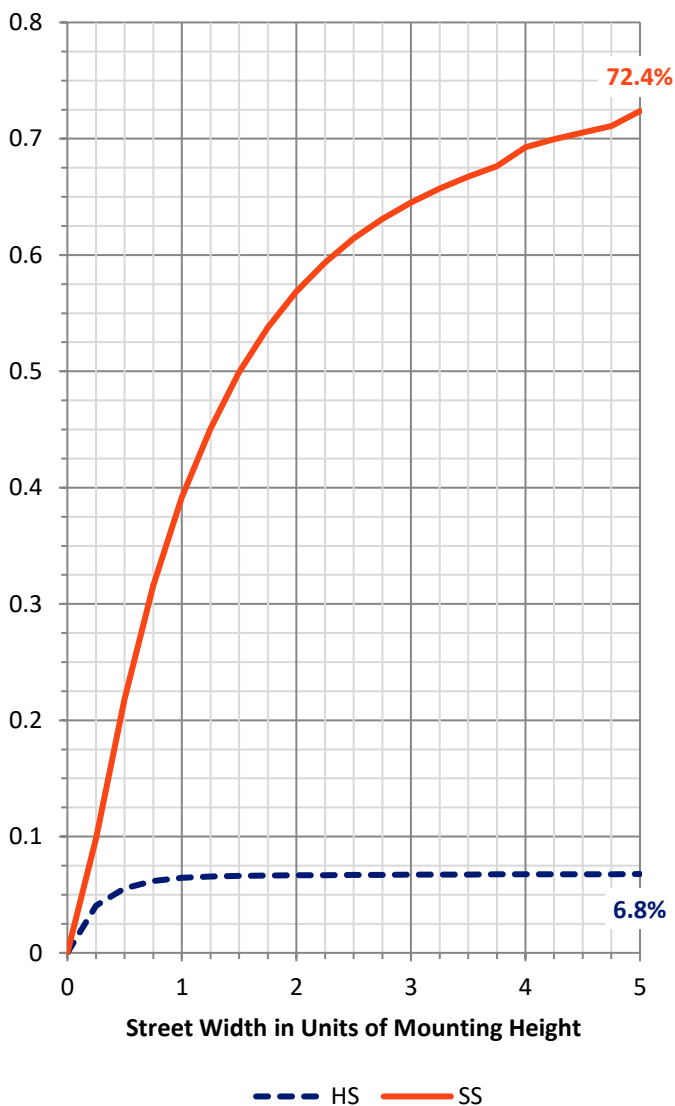
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	407.4	39.1	446.5
	% Fixture	6.9	0.7	7.5
<b>Street Side</b>	Lumens	4675.8	791.8	5467.5
	% Fixture	79.1	13.4	92.5
<b>Total</b>	Lumens	5083.2	830.9	5914.0
	% Fixture	86.0	14.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	106.8	1.8
10°-20°	333.4	5.6
20°-30°	539.2	9.1
30°-40°	653.1	11.0
40°-50°	701.3	11.9
50°-60°	751.2	12.7
60°-70°	755.3	12.8
70°-80°	684.9	11.6
80°-90°	558.0	9.4
90°-100°	403.5	6.8
100°-110°	249.1	4.2
110°-120°	112.6	1.9
120°-130°	40.1	0.7
130°-140°	13.6	0.2
140°-150°	5.5	0.1
150°-160°	3.6	0.1
160°-170°	2.1	0.0
170°-180°	0.7	0.0
0°-90°	5083.2	86.0
0°-180°	5914.0	100.0

**Coefficient of Utilization**

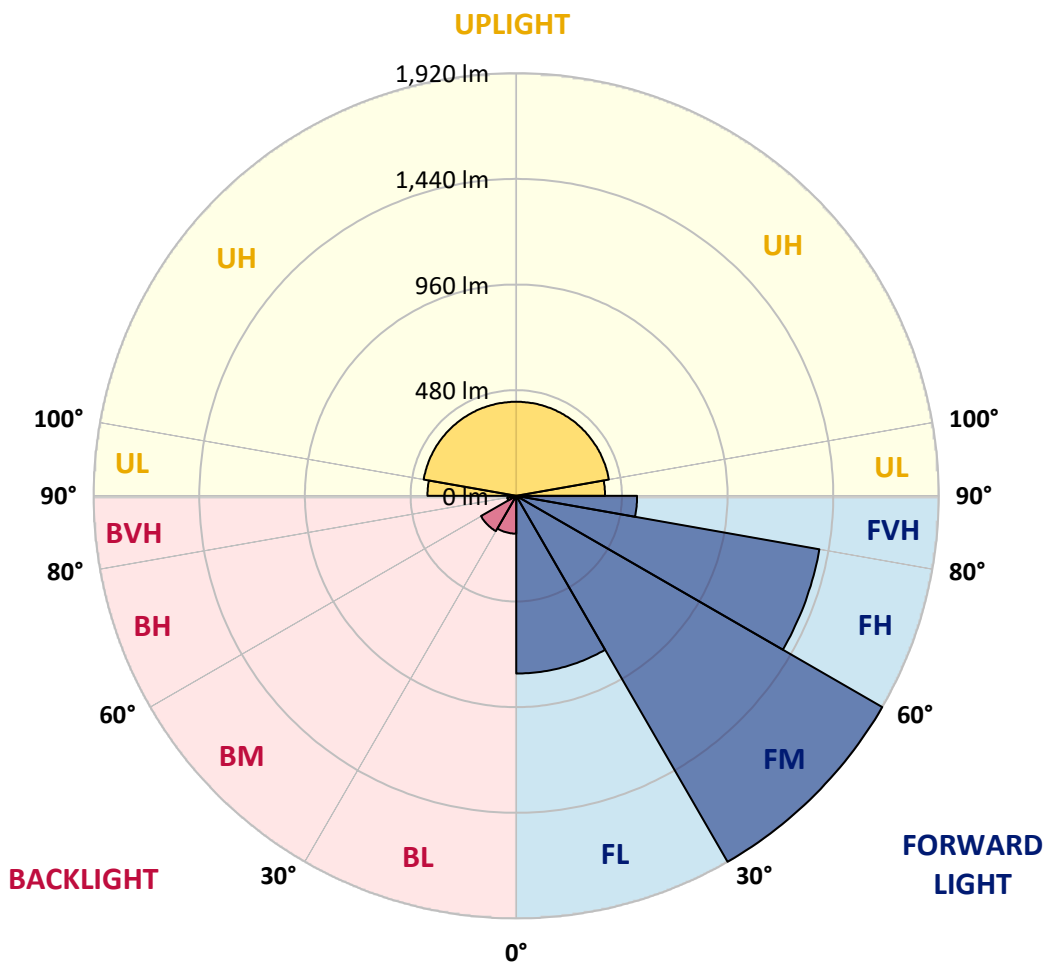


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	807.6	13.7			
FM (30°-60°)	1920.5	32.5			
FH (60°-80°)	1398.8	23.7			G1/1800
FVH (80°-90°)	548.9	9.3			G4/750
BL (0°-30°)	171.8	2.9	B1/500		
BM (30°-60°)	185.1	3.1	B0/220		
BH (60°-80°)	41.3	0.7	B0/110		G0/110
BVH (80°-90°)	9.1	0.2			G0/10
UL (90°-100°)	403.5	6.8		U3/500	
UH (100°-180°)	427.4	7.2		U3/500	

**BUG Rating: B1-U3-G4**  
 Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
0°	1129.4	1129.4	1129.4	1129.4	1129.4	1129.4	1129.4	1129.4	1129.4	1129.4	1129.4
1°	1232.1	1227.3	1190.3	1132.3	1080.5	1040.1	1023.7	1028.7	1063.1	1114.0	1161.6
2°	1335.2	1320.1	1244.6	1130.7	1025.9	951.3	908.6	923.8	1013.3	1125.5	1214.3
3°	1448.3	1426.1	1297.9	1123.5	973.7	848.2	790.6	822.4	965.5	1139.6	1279.4
4°	1549.0	1516.6	1340.0	1109.1	912.2	749.9	686.0	726.2	907.5	1133.2	1343.5
5°	1655.7	1604.0	1371.6	1096.4	845.5	655.4	581.6	634.4	836.9	1123.5	1372.2
6°	1750.2	1688.3	1424.9	1096.1	781.5	573.5	508.2	565.9	773.5	1131.5	1410.6
7°	1832.9	1760.4	1467.0	1079.2	727.3	508.8	444.1	506.4	722.7	1141.5	1472.9
8°	1908.5	1824.3	1507.5	1056.0	669.1	449.2	387.3	449.0	673.2	1132.9	1546.2
9°	2008.6	1896.2	1536.4	1049.1	612.5	397.3	340.2	398.0	621.2	1122.9	1592.1
10°	2083.2	1983.1	1550.1	1058.4	562.0	353.8	306.1	355.9	574.8	1110.1	1622.9
11°	2147.3	2055.9	1635.0	1051.1	524.5	319.6	281.9	323.5	537.6	1120.0	1649.4
12°	2237.1	2130.8	1688.0	1045.4	489.3	294.9	263.6	300.0	501.9	1129.7	1672.7
13°	2288.4	2182.0	1723.0	1047.5	456.3	275.6	251.0	282.4	473.6	1123.7	1721.3
14°	2325.2	2243.8	1752.0	1038.8	425.9	259.6	243.5	267.5	444.7	1108.9	1781.1
15°	2347.9	2261.5	1793.0	1042.8	399.6	246.7	238.2	255.4	416.8	1099.0	1842.4
16°	2374.0	2260.8	1847.8	1046.0	375.5	236.6	232.8	246.6	390.0	1097.5	1850.2
17°	2371.8	2255.6	1906.9	1042.0	353.8	229.7	227.2	240.1	367.2	1089.6	1854.6
18°	2405.2	2291.5	1959.5	1027.4	335.5	224.3	221.0	234.2	347.9	1071.8	1877.6
19°	2437.5	2314.1	1979.6	1026.3	318.8	219.6	212.1	228.5	330.7	1070.3	1914.3
20°	2425.8	2321.5	2003.5	1024.7	302.2	214.6	204.9	222.1	316.1	1069.4	1958.9
21°	2448.8	2319.0	2036.4	1006.7	287.7	209.2	195.0	216.2	303.9	1055.7	1996.6
22°	2416.2	2347.9	2077.1	991.6	274.3	200.8	186.3	207.0	293.5	1051.9	1995.8
23°	2415.6	2358.6	2101.6	959.2	261.9	194.4	176.7	200.2	283.0	1045.4	1993.3
24°	2371.9	2392.4	2109.2	948.8	249.3	185.8	167.3	190.5	272.1	1030.8	1995.5
25°	2365.1	2353.1	2113.4	919.7	237.1	177.7	156.7	182.3	262.2	1024.8	2015.5
26°	2334.5	2340.7	2112.1	889.8	225.7	169.9	146.9	174.1	252.8	1019.3	2043.8
27°	2318.6	2286.6	2121.2	872.1	216.8	160.7	136.6	163.7	243.0	1009.6	2053.0
28°	2316.3	2262.7	2144.2	866.3	209.3	152.5	127.3	153.9	234.9	1005.5	2056.1
29°	2282.7	2242.3	2111.4	855.4	202.6	143.2	117.9	145.4	228.0	998.6	2019.3
30°	2284.5	2205.6	2075.3	834.2	196.2	134.2	109.7	137.6	222.2	987.2	1984.0
31°	2255.0	2218.3	2056.7	814.1	190.2	125.6	101.6	129.7	216.3	967.4	1973.7
32°	2254.7	2219.8	2022.6	790.8	184.7	117.8	94.8	122.3	211.0	951.7	1960.7
33°	2217.6	2198.3	1973.3	767.7	179.6	110.4	87.7	115.6	205.7	924.5	1963.6
34°	2230.4	2180.6	1971.8	746.8	174.1	103.6	80.9	108.8	200.3	899.9	1936.0
35°	2199.7	2167.5	1969.3	724.7	169.0	97.0	75.6	102.6	193.6	881.7	1907.9
36°	2184.3	2149.4	1939.6	700.0	164.6	90.8	70.3	96.4	188.8	870.7	1894.1
37°	2180.5	2122.4	1922.8	686.0	160.3	84.4	64.6	90.5	184.0	851.0	1865.3
38°	2181.0	2098.8	1936.2	678.1	154.7	78.3	61.4	84.6	177.3	832.7	1800.2
39°	2159.4	2078.8	1918.7	681.3	150.2	72.0	59.7	79.0	171.6	794.8	1767.1
40°	2160.1	2045.9	1900.6	664.7	145.4	66.4	56.3	73.4	166.3	772.7	1719.8
41°	2144.3	2030.9	1913.5	643.2	140.0	60.8	52.6	68.2	159.9	748.9	1678.4
42°	2124.7	2009.3	1866.6	607.9	134.8	55.5	48.7	62.9	154.6	737.4	1647.1
43°	2143.9	1984.9	1788.2	577.5	129.1	50.3	44.2	57.8	148.9	727.5	1621.4
44°	2125.4	1986.4	1742.3	559.7	124.4	45.5	38.1	52.7	143.1	715.8	1579.8



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CATALOG NUMBER: WXP80LSFSUNVDBZ-50W-3000K

**CANDELA DISTRIBUTION (continued):**

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
45°	2131.2	2006.2	1687.0	569.2	119.0	40.8	31.6	47.6	137.2	705.6	1550.2
46°	2149.9	2011.0	1624.6	558.9	114.3	36.1	26.3	42.4	131.2	685.2	1547.3
47°	2137.2	1969.8	1596.6	541.3	108.8	31.5	18.7	37.0	125.6	657.7	1532.7
48°	2172.1	1943.9	1593.5	515.2	103.8	27.4	13.1	31.9	119.9	633.1	1502.2
49°	2170.2	1934.0	1598.2	493.3	98.3	23.0	2.6	26.7	114.4	615.2	1480.1
50°	2211.9	1923.3	1586.0	483.4	93.1	18.8	1.9	21.9	109.3	605.8	1458.1
51°	2253.2	1939.4	1590.1	467.9	87.6	14.0	2.0	17.0	104.3	588.3	1410.7
52°	2314.6	1936.8	1598.9	437.4	82.8	9.2	2.2	12.0	99.5	558.9	1390.0
53°	2344.7	1943.9	1571.7	414.3	77.7	2.2	2.3	4.9	94.4	528.2	1355.8
54°	2377.2	1966.2	1529.7	404.6	73.2	2.0	2.4	3.0	89.6	512.3	1318.9
55°	2389.4	1980.3	1498.0	384.9	68.2	2.1	2.6	3.0	84.5	506.2	1314.5
56°	2404.3	1992.5	1452.9	357.8	63.8	2.2	2.7	3.1	79.4	485.0	1316.5
57°	2424.1	1990.1	1424.5	335.9	59.5	2.4	2.9	3.2	74.3	459.5	1312.4
58°	2429.8	1998.7	1397.3	319.9	55.4	2.5	3.0	3.3	69.6	441.3	1304.3
59°	2426.5	1995.2	1391.3	303.0	51.5	2.6	3.2	3.5	65.0	418.2	1283.8
60°	2424.6	1988.2	1393.8	283.4	47.7	2.8	3.3	3.6	60.5	389.7	1260.0
61°	2424.5	1969.9	1378.2	263.0	44.1	2.9	3.5	3.8	56.3	365.8	1226.1
62°	2415.1	1972.3	1353.7	245.0	40.4	3.0	3.6	3.9	52.2	343.5	1204.2
63°	2399.9	1963.1	1307.6	224.4	37.3	3.2	3.8	4.1	48.4	322.7	1188.5
64°	2394.9	1953.9	1271.7	204.6	34.3	3.3	4.0	4.3	44.8	301.4	1177.2
65°	2387.0	1946.9	1253.2	185.2	31.9	3.5	4.1	4.4	41.5	280.0	1167.6
66°	2356.8	1941.8	1231.0	168.5	29.9	3.6	4.3	4.6	38.4	259.6	1140.6
67°	2324.4	1933.0	1203.5	152.8	28.3	3.8	4.5	4.8	35.9	240.4	1122.1
68°	2311.2	1917.5	1176.1	136.9	26.9	3.9	4.7	4.9	33.9	222.2	1100.9
69°	2292.8	1896.4	1146.6	125.1	25.8	4.1	4.9	5.1	32.2	206.0	1083.6
70°	2254.5	1883.7	1125.2	114.5	24.5	4.2	5.1	5.2	30.7	190.8	1068.7
71°	2226.2	1862.8	1090.7	105.1	23.2	4.4	5.2	5.4	29.4	175.8	1038.4
72°	2206.6	1846.2	1064.2	97.0	22.2	4.5	5.4	5.5	28.0	161.4	1014.1
73°	2182.2	1824.2	1035.3	89.6	21.0	4.7	5.6	5.7	26.8	148.1	993.6
74°	2144.2	1805.2	1010.6	83.0	20.0	4.9	5.8	5.8	25.6	135.8	967.9
75°	2115.3	1776.1	980.8	76.5	18.9	5.0	6.0	5.9	24.7	124.1	936.2
76°	2086.0	1749.1	943.1	70.8	18.2	5.2	6.2	5.9	23.9	113.4	912.9
77°	2038.4	1725.4	919.6	65.4	17.6	5.4	6.4	6.0	23.2	103.8	885.1
78°	2013.8	1700.9	894.5	60.6	17.2	5.6	6.6	6.2	22.5	94.5	854.2
79°	1975.8	1675.2	865.9	55.9	17.0	5.7	6.8	6.3	21.7	86.3	829.5
80°	1941.6	1647.2	841.1	51.6	16.7	5.9	7.0	6.4	21.4	78.5	803.4
81°	1896.5	1622.5	809.8	47.5	16.5	6.1	7.2	6.6	20.9	71.4	777.2
82°	1864.2	1592.7	778.9	43.8	16.3	6.2	7.4	6.7	20.4	64.7	746.9
83°	1823.8	1558.3	751.3	40.5	16.1	6.4	7.6	6.8	20.1	58.7	719.8
84°	1772.9	1524.3	716.8	37.4	15.9	6.6	7.8	7.0	19.8	53.6	694.8
85°	1736.0	1486.9	689.7	34.4	15.9	6.7	8.0	7.2	19.7	48.9	669.1
86°	1698.1	1453.7	659.7	31.5	15.7	6.9	8.2	7.4	19.3	44.3	642.6
87°	1659.2	1420.6	631.6	29.1	15.5	7.1	8.4	7.5	18.9	40.3	613.3
88°	1624.4	1386.0	604.0	27.0	15.3	7.2	8.6	7.7	19.6	36.6	586.0
89°	1585.6	1346.5	573.9	25.3	15.3	7.4	8.7	7.8	19.6	33.5	559.6





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CATALOG NUMBER: WXP80LSFSUNVDBZ-50W-3000K

**CANDELA DISTRIBUTION (continued):**

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
90°	1550.3	1309.0	546.8	24.0	15.0	7.6	8.9	8.0	19.5	30.7	530.6
91°	1511.3	1273.8	519.4	22.9	14.9	7.7	9.1	8.1	19.3	28.7	504.3
92°	1460.9	1237.2	489.2	22.1	14.8	7.9	9.3	8.3	18.6	27.5	477.3
93°	1417.9	1201.4	463.7	21.6	14.6	8.0	9.4	8.3	18.3	26.5	453.4
94°	1380.9	1162.9	436.2	21.4	14.5	8.1	9.6	8.4	18.2	25.8	428.6
95°	1339.7	1125.8	412.1	21.4	14.4	8.3	9.7	8.4	18.0	25.4	406.3
96°	1294.4	1085.0	388.1	21.5	14.2	8.4	9.8	8.5	17.9	25.2	382.3
97°	1251.2	1045.3	364.7	21.8	14.1	8.5	10.0	8.6	17.7	25.1	357.8
98°	1209.7	1004.6	345.8	22.2	13.9	8.6	10.1	8.6	17.5	25.1	336.6
99°	1174.8	963.6	325.2	22.5	13.7	8.8	10.2	8.7	17.2	25.2	317.2
100°	1131.8	925.0	305.9	22.7	13.6	8.9	10.3	8.7	17.0	25.4	299.1
101°	1082.9	882.8	288.9	23.0	13.4	9.0	10.4	8.8	16.9	25.7	281.5
102°	1037.1	836.9	270.3	23.3	13.2	9.1	10.5	8.9	16.7	26.1	264.8
103°	996.4	796.9	254.0	23.6	13.0	9.2	10.6	9.0	16.5	26.4	248.6
104°	949.8	756.1	238.7	23.8	12.8	9.3	10.6	9.1	16.3	26.7	233.7
105°	901.5	714.4	222.2	24.0	12.6	9.4	10.7	9.2	16.0	27.0	218.4
106°	851.3	677.7	208.5	24.1	12.5	9.4	10.8	9.3	16.0	27.3	201.7
107°	805.6	639.5	194.6	24.2	12.4	9.5	10.8	9.4	15.9	27.5	183.4
108°	754.4	605.0	180.7	24.2	12.3	9.6	10.8	9.5	15.6	27.7	166.1
109°	700.1	566.4	167.4	24.2	12.1	9.7	10.8	9.5	15.4	27.9	148.4
110°	652.0	529.0	153.5	24.1	12.0	9.8	10.8	9.6	15.2	28.0	131.8
111°	605.5	492.3	140.7	24.1	11.9	9.9	10.9	9.7	15.0	28.0	118.1
112°	560.4	453.0	129.8	24.0	11.8	9.9	10.9	9.8	14.7	28.0	106.3
113°	521.4	409.0	119.4	23.9	11.7	10.0	10.9	9.9	14.5	27.9	96.1
114°	483.6	365.2	109.9	23.8	11.6	10.1	11.0	10.0	14.3	27.7	86.5
115°	448.9	315.9	100.9	23.6	11.5	10.2	11.0	10.1	14.1	27.5	78.8
116°	409.6	271.9	92.6	23.5	11.4	10.2	11.0	10.2	13.9	27.4	70.8
117°	369.1	235.3	84.9	23.3	11.4	10.3	11.0	10.2	13.7	27.2	64.3
118°	321.7	202.8	78.1	23.1	11.3	10.4	11.1	10.3	13.6	27.0	59.0
119°	280.4	180.6	72.0	22.9	11.2	10.5	11.1	10.4	13.4	26.7	54.1
120°	245.7	164.5	66.6	22.5	11.2	10.5	11.1	10.5	13.3	26.2	49.7
121°	219.4	149.4	61.9	22.1	11.2	10.6	11.1	10.5	13.1	25.6	45.6
122°	200.5	136.1	58.6	21.7	11.1	10.7	11.2	10.6	13.0	24.8	42.1
123°	183.5	125.3	55.0	21.1	11.1	10.8	11.2	10.7	12.8	24.0	38.1
124°	167.0	113.4	50.6	20.5	11.1	10.8	11.2	10.8	12.7	23.1	33.9
125°	152.3	104.0	45.9	19.9	11.0	10.9	11.3	10.8	12.6	22.2	29.8
126°	138.0	92.5	42.3	19.3	11.0	11.0	11.3	10.9	12.5	21.3	26.5
127°	125.3	82.5	39.0	18.6	11.0	11.0	11.4	11.0	12.4	20.5	24.1
128°	113.5	73.0	36.0	17.9	10.9	11.1	11.4	11.0	12.3	19.7	21.9
129°	100.9	63.7	33.0	17.1	10.9	11.2	11.4	11.1	12.1	18.8	19.8
130°	89.6	56.2	30.2	16.3	10.9	11.2	11.5	11.2	11.9	18.0	17.7
131°	78.7	49.1	27.1	15.6	10.8	11.3	11.5	11.2	11.8	17.1	15.8
132°	66.4	42.7	24.1	14.9	10.8	11.4	11.6	11.3	11.6	16.1	14.0
133°	55.2	37.7	21.4	14.3	10.7	11.4	11.6	11.4	11.4	15.2	12.6
134°	46.9	33.0	19.0	13.6	10.7	11.5	11.7	11.4	11.1	14.2	11.4



REPORT NUMBER: P670590

CATALOG NUMBER: WXP80LSFSUNVDBZ-50W-3000K

**CANDELA DISTRIBUTION (continued):**

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
135°	39.3	28.5	17.2	13.0	10.6	11.5	11.7	11.5	10.8	13.1	10.5
136°	33.3	24.3	15.5	12.5	10.5	11.6	11.8	11.5	10.6	12.1	9.1
137°	28.2	21.0	13.9	12.0	10.4	11.6	11.8	11.5	10.2	11.0	7.6
138°	23.7	18.1	12.4	11.6	10.4	11.6	11.9	11.6	9.8	10.1	6.5
139°	19.7	15.1	11.7	11.2	10.3	11.6	11.9	11.6	9.5	9.2	6.2
140°	15.8	11.9	11.1	10.8	10.2	11.6	11.9	11.6	9.3	8.4	6.0
141°	12.4	9.8	10.6	10.4	10.1	11.6	12.0	11.6	9.2	7.7	5.9
142°	10.0	9.1	10.3	10.0	10.0	11.6	12.0	11.6	9.1	7.1	5.9
143°	7.7	8.3	10.0	9.6	9.9	11.6	12.0	11.5	9.1	6.7	6.0
144°	4.1	8.0	9.8	9.2	9.7	11.6	12.0	11.5	9.1	6.4	6.4
145°	3.0	8.2	9.5	8.8	9.5	11.6	12.0	11.4	9.1	6.3	6.8
146°	2.9	7.9	9.5	8.4	9.5	11.5	12.0	11.4	9.0	6.3	7.1
147°	2.8	7.2	9.6	8.0	9.5	11.5	11.9	11.3	8.9	6.4	7.4
148°	2.8	6.7	9.7	7.6	9.5	11.4	11.9	11.3	8.8	6.5	7.7
149°	2.9	6.4	10.0	7.3	9.5	11.4	11.8	11.2	8.7	6.5	7.9
150°	2.9	6.2	10.2	7.2	9.5	11.3	11.8	11.0	8.6	6.6	8.2
151°	2.8	5.9	10.6	7.2	9.5	11.2	11.7	10.9	8.6	6.7	7.8
152°	2.7	5.3	10.3	7.2	9.4	11.1	11.6	10.8	8.6	6.8	7.3
153°	2.6	4.9	9.6	7.2	9.4	11.0	11.5	10.8	8.5	6.8	6.8
154°	2.8	5.2	9.0	7.3	9.4	11.0	11.4	10.7	8.5	6.9	6.5
155°	2.9	5.5	8.4	7.4	9.4	10.8	11.3	10.6	8.4	7.0	6.1
156°	3.0	5.8	7.7	7.5	9.4	10.7	11.1	10.4	8.4	7.0	6.2
157°	3.2	6.1	7.4	7.5	9.4	10.7	11.0	10.3	8.4	7.1	6.2
158°	3.6	6.3	7.3	7.6	9.4	10.5	10.8	10.1	8.4	7.2	6.2
159°	3.9	6.4	7.2	7.6	9.3	10.4	10.7	10.0	8.3	7.2	6.3
160°	4.2	6.4	7.1	7.7	9.3	10.3	10.5	9.9	8.2	7.3	6.4
161°	4.4	6.4	7.0	7.7	9.3	10.2	10.4	9.8	8.2	7.4	6.4
162°	4.5	6.6	6.9	7.8	9.3	10.1	10.2	9.6	8.1	7.4	6.5
163°	4.8	6.5	6.9	7.8	9.2	10.0	10.1	9.6	8.1	7.5	6.6
164°	4.8	6.1	6.9	7.9	9.2	9.9	9.9	9.4	8.1	7.5	6.6
165°	4.9	5.8	6.8	7.9	9.1	9.7	9.7	9.2	8.0	7.6	6.7
166°	4.9	5.3	6.8	8.0	9.1	9.6	9.6	9.0	8.0	7.6	6.8
167°	5.0	5.4	6.5	8.0	9.0	9.5	9.4	8.9	7.9	7.7	6.8
168°	5.0	5.5	6.4	8.0	9.0	9.4	9.3	8.8	7.8	7.7	6.9
169°	5.2	5.6	6.4	8.1	8.9	9.3	9.1	8.6	7.8	7.8	6.9
170°	5.5	5.7	6.4	8.1	8.8	9.1	8.9	8.5	7.7	7.8	7.0
171°	5.7	5.8	6.4	8.1	8.7	9.0	8.7	8.3	7.6	7.9	7.1
172°	5.9	6.0	6.5	8.1	8.7	8.8	8.5	8.2	7.5	7.9	7.2
173°	6.1	6.1	6.6	8.2	8.6	8.7	8.4	8.0	7.4	7.9	7.2
174°	6.3	6.3	6.7	8.2	8.5	8.5	8.2	7.9	7.3	8.0	7.3
175°	6.5	6.4	6.6	8.2	8.4	8.4	8.0	7.7	7.2	8.0	7.4
176°	6.7	6.6	6.6	8.2	8.3	8.2	7.8	7.6	6.8	8.0	7.5
177°	6.9	6.7	6.5	8.2	8.2	8.1	7.6	7.4	6.7	8.1	7.7
178°	7.0	6.7	6.5	8.2	8.1	7.9	7.4	7.1	6.6	8.1	7.8
179°	7.0	6.7	6.5	8.2	8.0	7.7	7.2	6.8	6.6	8.1	7.8



REPORT NUMBER: P670590  
CATALOG NUMBER: WXPM80LSFSUNVDBZ-50W-3000K

**CANDELA DISTRIBUTION (continued):**

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
180°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1



REPORT NUMBER: P670590  
CATALOG NUMBER: WXPM80LSFSUNVDBZ-50W-3000K

**CANDELA DISTRIBUTION (continued):**

	330°	360°
0°	1129.4	1129.4
1°	1204.8	1232.1
2°	1285.2	1335.2
3°	1383.3	1448.3
4°	1481.6	1549.0
5°	1594.3	1655.7
6°	1677.0	1750.2
7°	1746.6	1832.9
8°	1808.8	1908.5
9°	1852.6	2008.6
10°	1925.9	2083.2
11°	1987.8	2147.3
12°	2026.8	2237.1
13°	2119.1	2288.4
14°	2185.2	2325.2
15°	2273.2	2347.9
16°	2298.3	2374.0
17°	2315.7	2371.8
18°	2316.1	2405.2
19°	2267.9	2437.5
20°	2248.9	2425.8
21°	2253.7	2448.8
22°	2278.8	2416.2
23°	2311.7	2415.6
24°	2319.4	2371.9
25°	2313.1	2365.1
26°	2278.7	2334.5
27°	2230.5	2318.6
28°	2185.2	2316.3
29°	2138.4	2282.7
30°	2131.1	2284.5
31°	2136.5	2255.0
32°	2117.4	2254.7
33°	2085.4	2217.6
34°	2054.6	2230.4
35°	2014.1	2199.7
36°	1983.2	2184.3
37°	1945.2	2180.5
38°	1932.2	2181.0
39°	1913.3	2159.4
40°	1913.8	2160.1
41°	1901.3	2144.3
42°	1894.5	2124.7
43°	1854.3	2143.9
44°	1841.0	2125.4



REPORT NUMBER: P670590  
CATALOG NUMBER: WXPM80LSFSUNVDBZ-50W-3000K

**CANDELA DISTRIBUTION (continued):**

	330°	360°
45°	1822.8	2131.2
46°	1802.2	2149.9
47°	1796.1	2137.2
48°	1793.6	2172.1
49°	1782.5	2170.2
50°	1790.0	2211.9
51°	1793.6	2253.2
52°	1792.8	2314.6
53°	1806.7	2344.7
54°	1817.3	2377.2
55°	1836.3	2389.4
56°	1851.7	2404.3
57°	1867.7	2424.1
58°	1878.8	2429.8
59°	1878.2	2426.5
60°	1876.0	2424.6
61°	1875.7	2424.5
62°	1872.6	2415.1
63°	1869.0	2399.9
64°	1864.8	2394.9
65°	1854.7	2387.0
66°	1846.7	2356.8
67°	1840.0	2324.4
68°	1837.3	2311.2
69°	1825.6	2292.8
70°	1813.4	2254.5
71°	1792.2	2226.2
72°	1779.1	2206.6
73°	1757.6	2182.2
74°	1736.6	2144.2
75°	1715.7	2115.3
76°	1693.2	2086.0
77°	1664.8	2038.4
78°	1639.7	2013.8
79°	1614.4	1975.8
80°	1580.3	1941.6
81°	1550.3	1896.5
82°	1520.0	1864.2
83°	1482.3	1823.8
84°	1446.4	1772.9
85°	1409.4	1736.0
86°	1374.8	1698.1
87°	1337.9	1659.2
88°	1302.8	1624.4
89°	1267.0	1585.6



REPORT NUMBER: P670590  
CATALOG NUMBER: WXPM80LSFSUNVDBZ-50W-3000K

**CANDELA DISTRIBUTION (continued):**

	330°	360°
90°	1227.5	1550.3
91°	1193.4	1511.3
92°	1158.7	1460.9
93°	1118.8	1417.9
94°	1081.3	1380.9
95°	1044.8	1339.7
96°	1006.4	1294.4
97°	969.4	1251.2
98°	930.6	1209.7
99°	893.2	1174.8
100°	853.7	1131.8
101°	814.9	1082.9
102°	772.6	1037.1
103°	731.9	996.4
104°	692.8	949.8
105°	652.7	901.5
106°	610.0	851.3
107°	568.3	805.6
108°	528.8	754.4
109°	488.6	700.1
110°	453.4	652.0
111°	419.2	605.5
112°	386.1	560.4
113°	352.5	521.4
114°	320.1	483.6
115°	281.4	448.9
116°	242.6	409.6
117°	211.1	369.1
118°	185.9	321.7
119°	166.4	280.4
120°	151.1	245.7
121°	137.0	219.4
122°	124.1	200.5
123°	112.8	183.5
124°	101.8	167.0
125°	91.6	152.3
126°	81.1	138.0
127°	71.7	125.3
128°	62.2	113.5
129°	52.9	100.9
130°	45.0	89.6
131°	38.0	78.7
132°	32.0	66.4
133°	27.1	55.2
134°	22.8	46.9



REPORT NUMBER: P670590  
CATALOG NUMBER: WXPM80LSFSUNVDBZ-50W-3000K

**CANDELA DISTRIBUTION (continued):**

	330°	360°
135°	19.2	39.3
136°	15.9	33.3
137°	13.2	28.2
138°	10.9	23.7
139°	8.3	19.7
140°	5.4	15.8
141°	4.4	12.4
142°	4.3	10.0
143°	4.4	7.7
144°	4.7	4.1
145°	4.9	3.0
146°	4.7	2.9
147°	4.4	2.8
148°	4.2	2.8
149°	4.0	2.9
150°	4.0	2.9
151°	3.8	2.8
152°	3.6	2.7
153°	4.0	2.6
154°	4.2	2.8
155°	4.3	2.9
156°	4.5	3.0
157°	4.7	3.2
158°	4.8	3.6
159°	4.9	3.9
160°	5.0	4.2
161°	5.1	4.4
162°	5.1	4.5
163°	5.0	4.8
164°	5.0	4.8
165°	5.1	4.9
166°	5.3	4.9
167°	5.5	5.0
168°	5.6	5.0
169°	5.8	5.2
170°	6.0	5.5
171°	6.2	5.7
172°	6.4	5.9
173°	6.6	6.1
174°	6.8	6.3
175°	7.0	6.5
176°	7.2	6.7
177°	7.3	6.9
178°	7.4	7.0
179°	7.5	7.0

Signify Classified - Internal  
Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P670590  
CATALOG NUMBER: WXPM80LSFSUNVDBZ-50W-3000K

**CANDELA DISTRIBUTION (continued):**

	330°	360°
180°	7.1	7.1

(END OF REPORT)