

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: P670587

Luminaire Tested: WXPM80LSFSUNVDBZ-40W-3000K

Issue Date: 4/4/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P670587  
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: WXP80LSFSUNVDBZ-40W-3000K  
Description: WALL PACK  
Light Source: 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4942 lumens  
Efficiency: N/A  
Efficacy: 126.7 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 - G3

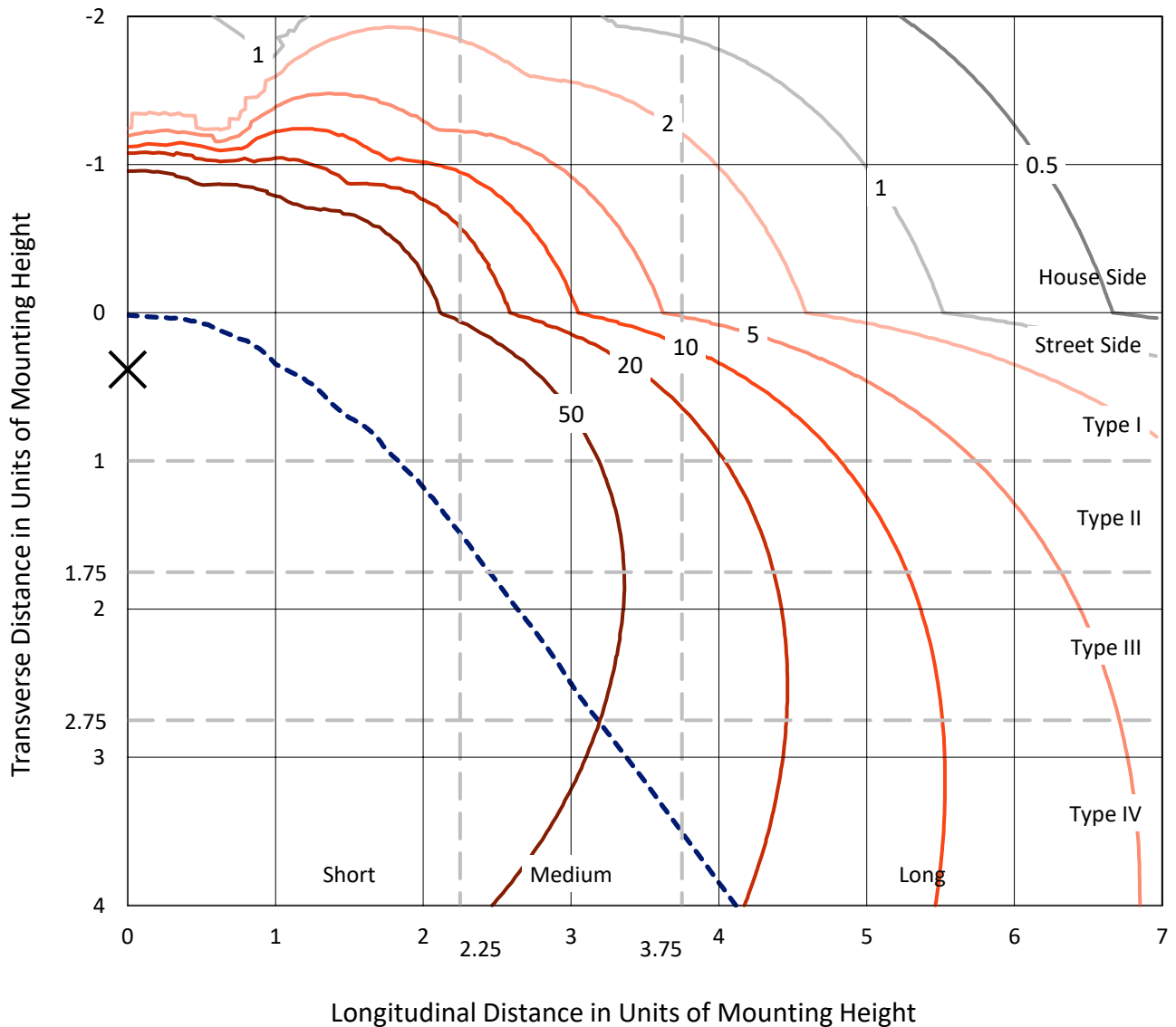
Input Watts (W): 39  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

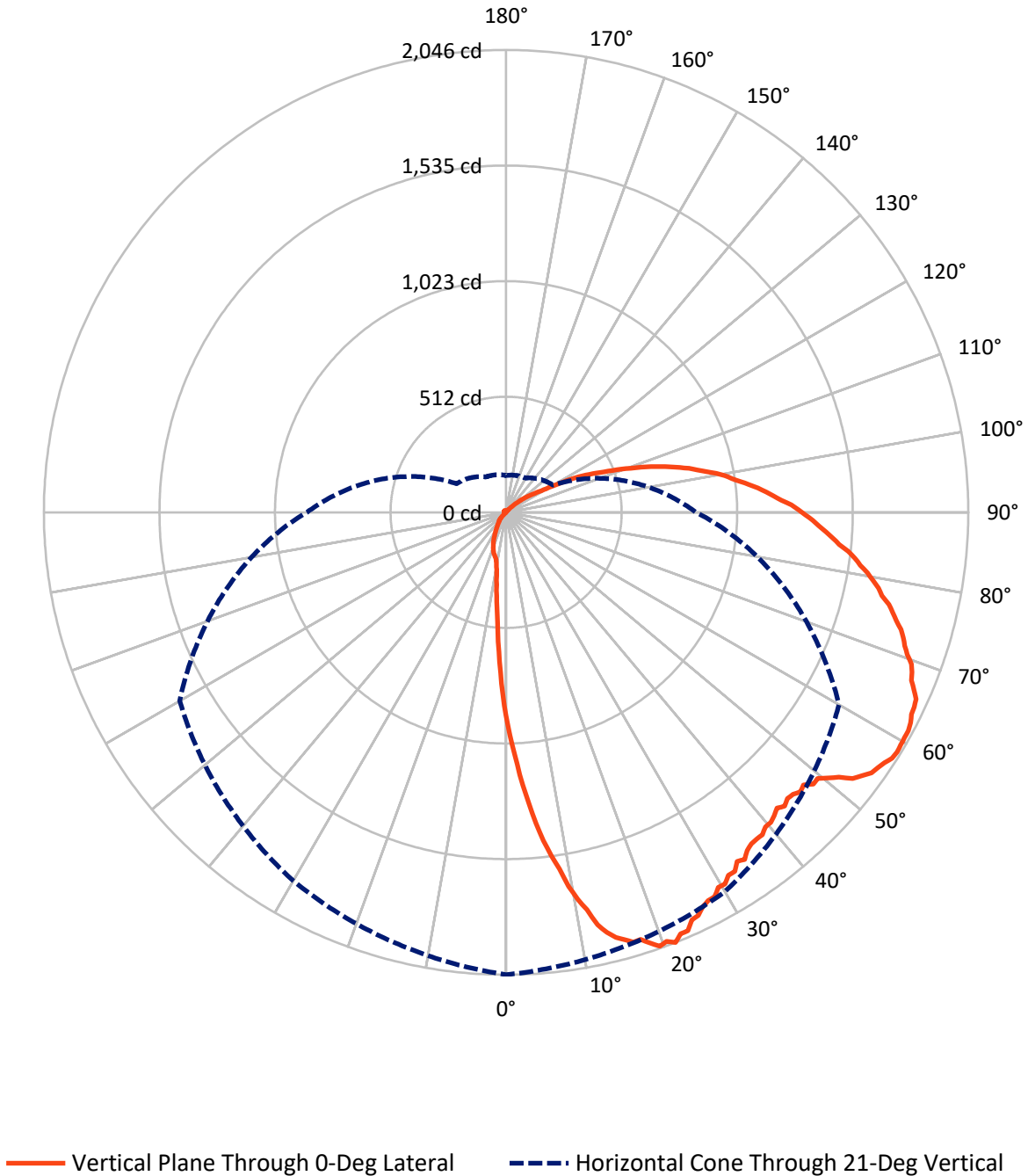
× Max cd  
 - - - 1/2 Max cd



Based on 0.5 foot mounting height. Maximum calculated value = 7098.9 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



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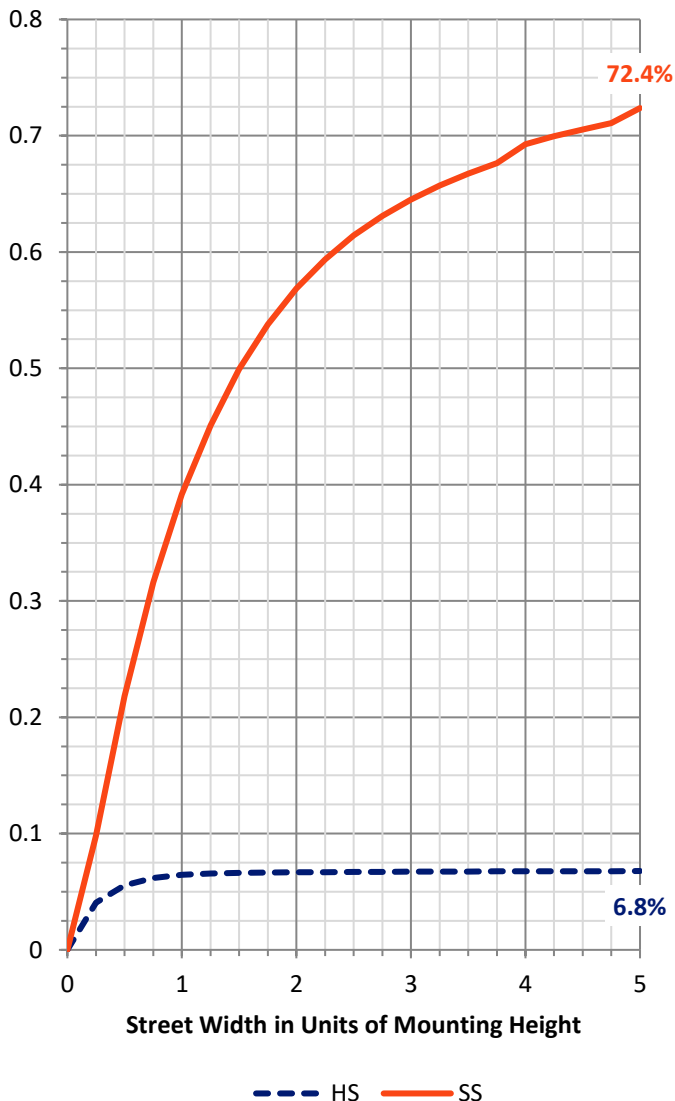
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	340.4	32.7	373.1
	% Fixture	6.9	0.7	7.5
<b>Street Side</b>	Lumens	3907.3	661.6	4568.9
	% Fixture	79.1	13.4	92.5
<b>Total</b>	Lumens	4247.7	694.3	4942.0
	% Fixture	86.0	14.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	89.3	1.8
10°-20°	278.6	5.6
20°-30°	450.6	9.1
30°-40°	545.7	11.0
40°-50°	586.1	11.9
50°-60°	627.7	12.7
60°-70°	631.1	12.8
70°-80°	572.3	11.6
80°-90°	466.3	9.4
90°-100°	337.2	6.8
100°-110°	208.1	4.2
110°-120°	94.1	1.9
120°-130°	33.5	0.7
130°-140°	11.3	0.2
140°-150°	4.6	0.1
150°-160°	3.0	0.1
160°-170°	1.8	0.0
170°-180°	0.6	0.0
0°-90°	4247.7	86.0
0°-180°	4942.0	100.0

**Coefficient of Utilization**



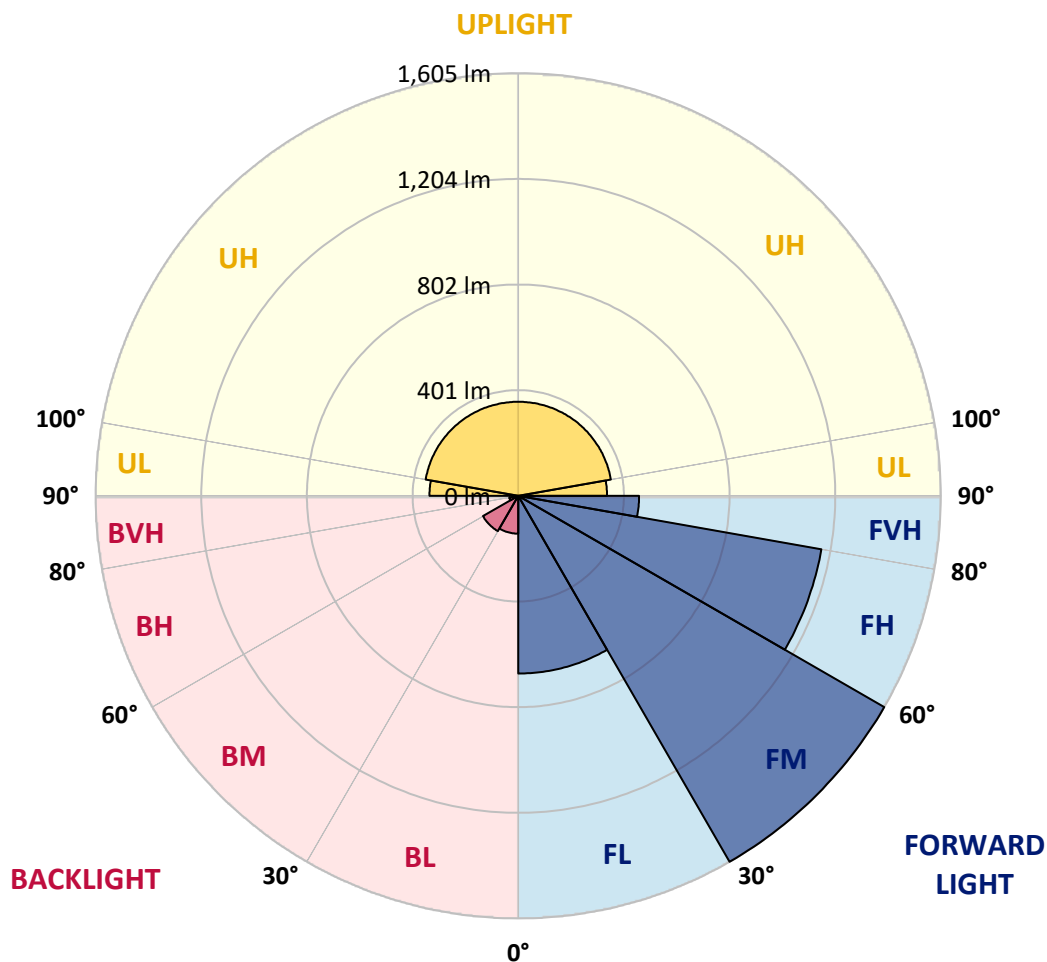
REPORT NUMBER: P670587  
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	674.9	13.7			
FM (30°-60°)	1604.8	32.5			
FH (60°-80°)	1168.9	23.7			G1/1800
FVH (80°-90°)	458.6	9.3			G3/500
BL (0°-30°)	143.6	2.9	B1/500		
BM (30°-60°)	154.7	3.1	B0/220		
BH (60°-80°)	34.5	0.7	B0/110		G0/110
BVH (80°-90°)	7.6	0.2			G0/10
UL (90°-100°)	337.2	6.8		U3/500	
UH (100°-180°)	357.1	7.2		U3/500	

**BUG Rating: B1-U3-G3**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
0°	943.8	943.8	943.8	943.8	943.8	943.8	943.8	943.8	943.8	943.8	943.8
1°	1029.6	1025.6	994.7	946.2	902.9	869.2	855.4	859.6	888.4	930.9	970.7
2°	1115.7	1103.1	1040.1	944.8	857.3	795.0	759.3	772.0	846.8	940.6	1014.7
3°	1210.3	1191.7	1084.6	938.9	813.7	708.8	660.6	687.2	806.8	952.3	1069.1
4°	1294.4	1267.4	1119.7	926.8	762.3	626.7	573.2	606.8	758.4	946.9	1122.7
5°	1383.6	1340.4	1146.2	916.2	706.5	547.7	486.0	530.1	699.4	938.9	1146.7
6°	1462.5	1410.8	1190.7	915.9	653.1	479.3	424.6	472.9	646.3	945.5	1178.8
7°	1531.6	1471.1	1225.9	901.8	607.7	425.2	371.1	423.2	603.9	953.9	1230.8
8°	1594.8	1524.4	1259.8	882.4	559.1	375.4	323.6	375.2	562.5	946.7	1292.1
9°	1678.5	1584.6	1283.8	876.7	511.8	332.0	284.3	332.6	519.1	938.4	1330.4
10°	1740.8	1657.2	1295.4	884.5	469.6	295.7	255.8	297.4	480.3	927.7	1356.2
11°	1794.4	1718.0	1366.3	878.4	438.3	267.1	235.6	270.3	449.2	935.9	1378.3
12°	1869.5	1780.6	1410.5	873.6	408.8	246.4	220.3	250.7	419.4	944.0	1397.8
13°	1912.3	1823.4	1439.8	875.4	381.3	230.3	209.7	236.0	395.8	939.0	1438.4
14°	1943.0	1875.0	1464.0	868.1	355.9	216.9	203.5	223.5	371.6	926.7	1488.4
15°	1962.0	1889.8	1498.3	871.4	333.9	206.1	199.1	213.5	348.3	918.3	1539.6
16°	1983.9	1889.2	1544.1	874.1	313.8	197.7	194.6	206.0	325.9	917.1	1546.1
17°	1982.0	1884.9	1593.5	870.7	295.7	191.9	189.8	200.7	306.8	910.5	1549.8
18°	2009.9	1914.9	1637.4	858.6	280.4	187.4	184.7	195.7	290.7	895.6	1569.0
19°	2036.9	1933.8	1654.3	857.6	266.4	183.5	177.3	190.9	276.3	894.4	1599.7
20°	2027.1	1939.9	1674.2	856.3	252.6	179.3	171.2	185.6	264.1	893.6	1636.9
21°	2046.3	1937.8	1701.7	841.2	240.4	174.9	163.0	180.7	253.9	882.2	1668.5
22°	2019.1	1962.0	1735.7	828.6	229.3	167.8	155.7	173.0	245.2	879.0	1667.8
23°	2018.6	1971.0	1756.2	801.5	218.9	162.5	147.6	167.3	236.5	873.6	1665.7
24°	1982.1	1999.2	1762.5	792.9	208.3	155.3	139.8	159.2	227.4	861.3	1667.5
25°	1976.4	1966.3	1766.0	768.6	198.1	148.5	130.9	152.3	219.1	856.4	1684.2
26°	1950.8	1956.0	1765.0	743.6	188.6	142.0	122.7	145.5	211.3	851.8	1707.9
27°	1937.6	1910.8	1772.5	728.8	181.2	134.3	114.1	136.8	203.1	843.7	1715.5
28°	1935.6	1890.8	1791.8	723.9	174.9	127.4	106.3	128.6	196.3	840.2	1718.1
29°	1907.6	1873.8	1764.4	714.8	169.3	119.7	98.5	121.5	190.5	834.5	1687.4
30°	1909.0	1843.1	1734.2	697.1	164.0	112.1	91.7	114.9	185.7	825.0	1657.9
31°	1884.4	1853.7	1718.6	680.3	158.9	105.0	84.9	108.4	180.8	808.4	1649.3
32°	1884.2	1855.0	1690.2	660.8	154.3	98.5	79.2	102.2	176.3	795.3	1638.4
33°	1853.2	1837.0	1649.0	641.5	150.1	92.3	73.3	96.6	171.9	772.6	1640.9
34°	1863.9	1822.2	1647.7	624.0	145.5	86.6	67.6	90.9	167.3	752.0	1617.8
35°	1838.2	1811.2	1645.6	605.6	141.2	81.1	63.2	85.7	161.7	736.7	1594.3
36°	1825.3	1796.2	1620.8	585.0	137.6	75.8	58.8	80.5	157.8	727.6	1582.8
37°	1822.2	1773.5	1606.7	573.2	133.9	70.5	54.0	75.7	153.7	711.1	1558.7
38°	1822.6	1753.8	1618.0	566.7	129.2	65.4	51.3	70.7	148.2	695.8	1504.3
39°	1804.5	1737.2	1603.3	569.3	125.5	60.2	49.9	66.0	143.4	664.2	1476.7
40°	1805.1	1709.7	1588.2	555.5	121.5	55.5	47.1	61.4	139.0	645.7	1437.1
41°	1791.8	1697.1	1599.0	537.5	117.0	50.8	44.0	57.0	133.6	625.8	1402.6
42°	1775.5	1679.0	1559.8	508.0	112.6	46.3	40.7	52.6	129.2	616.2	1376.4
43°	1791.6	1658.7	1494.3	482.5	107.9	42.0	36.9	48.3	124.4	607.9	1354.9
44°	1776.1	1659.9	1456.0	467.7	103.9	38.0	31.9	44.1	119.6	598.1	1320.2



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**CANDELA DISTRIBUTION (continued):**

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
45°	1781.0	1676.5	1409.7	475.6	99.5	34.1	26.4	39.8	114.6	589.6	1295.4
46°	1796.6	1680.4	1357.6	467.0	95.5	30.1	21.9	35.4	109.6	572.6	1293.0
47°	1785.9	1646.1	1334.2	452.3	90.9	26.3	15.6	30.9	105.0	549.6	1280.8
48°	1815.1	1624.4	1331.6	430.5	86.8	22.9	10.9	26.7	100.2	529.0	1255.3
49°	1813.5	1616.1	1335.5	412.2	82.2	19.2	2.2	22.3	95.6	514.1	1236.8
50°	1848.4	1607.2	1325.3	404.0	77.8	15.7	1.6	18.3	91.3	506.3	1218.5
51°	1882.9	1620.6	1328.8	391.0	73.2	11.7	1.7	14.2	87.2	491.6	1178.8
52°	1934.2	1618.5	1336.1	365.5	69.2	7.7	1.8	10.0	83.2	467.0	1161.6
53°	1959.4	1624.4	1313.3	346.2	64.9	1.9	1.9	4.1	78.9	441.4	1133.0
54°	1986.5	1643.1	1278.3	338.1	61.2	1.7	2.0	2.5	74.9	428.1	1102.1
55°	1996.7	1654.8	1251.8	321.6	57.0	1.8	2.1	2.5	70.6	423.0	1098.4
56°	2009.1	1665.0	1214.1	299.0	53.3	1.9	2.3	2.6	66.4	405.3	1100.1
57°	2025.7	1663.0	1190.4	280.7	49.7	2.0	2.4	2.7	62.1	384.0	1096.7
58°	2030.4	1670.2	1167.6	267.3	46.3	2.1	2.5	2.8	58.1	368.8	1089.9
59°	2027.7	1667.3	1162.6	253.2	43.0	2.2	2.6	2.9	54.3	349.5	1072.8
60°	2026.1	1661.5	1164.7	236.8	39.8	2.3	2.8	3.0	50.5	325.7	1053.0
61°	2026.0	1646.2	1151.7	219.8	36.8	2.4	2.9	3.1	47.0	305.7	1024.6
62°	2018.1	1648.2	1131.2	204.8	33.8	2.5	3.0	3.3	43.6	287.0	1006.2
63°	2005.4	1640.5	1092.7	187.5	31.1	2.6	3.2	3.4	40.4	269.6	993.1
64°	2001.3	1632.8	1062.7	171.0	28.6	2.8	3.3	3.6	37.4	251.9	983.7
65°	1994.7	1627.0	1047.3	154.7	26.6	2.9	3.5	3.7	34.7	234.0	975.7
66°	1969.5	1622.6	1028.7	140.8	25.0	3.0	3.6	3.9	32.1	216.9	953.2
67°	1942.3	1615.3	1005.7	127.7	23.7	3.1	3.8	4.0	30.0	200.9	937.6
68°	1931.4	1602.3	982.8	114.4	22.5	3.3	3.9	4.1	28.3	185.7	920.0
69°	1916.0	1584.7	958.2	104.6	21.5	3.4	4.1	4.2	26.9	172.1	905.5
70°	1884.0	1574.1	940.2	95.7	20.4	3.5	4.2	4.4	25.7	159.5	893.1
71°	1860.3	1556.6	911.5	87.9	19.4	3.7	4.4	4.5	24.6	146.9	867.7
72°	1843.9	1542.8	889.3	81.0	18.5	3.8	4.5	4.6	23.4	134.9	847.4
73°	1823.5	1524.4	865.1	74.9	17.6	3.9	4.7	4.7	22.4	123.8	830.3
74°	1791.8	1508.5	844.5	69.3	16.7	4.1	4.9	4.8	21.4	113.5	808.8
75°	1767.6	1484.2	819.6	63.9	15.8	4.2	5.0	4.9	20.7	103.7	782.3
76°	1743.2	1461.6	788.1	59.2	15.2	4.4	5.2	5.0	20.0	94.8	762.9
77°	1703.4	1441.8	768.4	54.6	14.7	4.5	5.3	5.0	19.4	86.7	739.6
78°	1682.8	1421.4	747.5	50.6	14.4	4.6	5.5	5.1	18.8	79.0	713.8
79°	1651.1	1399.9	723.6	46.7	14.2	4.8	5.7	5.2	18.2	72.1	693.2
80°	1622.5	1376.5	702.9	43.1	14.0	4.9	5.8	5.4	17.9	65.6	671.3
81°	1584.8	1355.8	676.7	39.7	13.8	5.1	6.0	5.5	17.5	59.7	649.5
82°	1557.8	1330.9	650.9	36.6	13.6	5.2	6.2	5.6	17.0	54.0	624.1
83°	1524.0	1302.2	627.8	33.8	13.5	5.4	6.3	5.7	16.8	49.1	601.5
84°	1481.5	1273.8	599.0	31.2	13.3	5.5	6.5	5.9	16.6	44.8	580.6
85°	1450.6	1242.6	576.3	28.7	13.2	5.6	6.7	6.0	16.5	40.9	559.1
86°	1419.0	1214.7	551.2	26.4	13.1	5.8	6.8	6.2	16.1	37.1	536.9
87°	1386.5	1187.1	527.8	24.3	12.9	5.9	7.0	6.3	15.8	33.7	512.5
88°	1357.4	1158.2	504.7	22.5	12.8	6.0	7.2	6.4	16.3	30.6	489.7
89°	1325.0	1125.2	479.6	21.1	12.7	6.2	7.3	6.5	16.4	28.0	467.6





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**CANDELA DISTRIBUTION (continued):**

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
90°	1295.5	1093.9	456.9	20.0	12.6	6.3	7.5	6.7	16.3	25.7	443.4
91°	1262.9	1064.4	434.0	19.2	12.4	6.4	7.6	6.8	16.1	24.0	421.4
92°	1220.8	1033.9	408.8	18.5	12.4	6.6	7.7	6.9	15.5	22.9	398.9
93°	1184.9	1004.0	387.5	18.0	12.2	6.7	7.9	7.0	15.3	22.1	378.9
94°	1153.9	971.8	364.5	17.9	12.1	6.8	8.0	7.0	15.2	21.6	358.1
95°	1119.5	940.8	344.4	17.9	12.0	6.9	8.1	7.0	15.0	21.2	339.5
96°	1081.7	906.7	324.3	17.9	11.9	7.0	8.2	7.1	14.9	21.1	319.5
97°	1045.6	873.5	304.8	18.2	11.8	7.1	8.3	7.1	14.8	21.0	299.0
98°	1010.9	839.5	289.0	18.5	11.6	7.2	8.4	7.2	14.6	21.0	281.3
99°	981.7	805.2	271.8	18.8	11.5	7.3	8.5	7.2	14.4	21.1	265.1
100°	945.8	773.0	255.7	19.0	11.4	7.4	8.6	7.3	14.2	21.2	250.0
101°	904.9	737.7	241.4	19.2	11.2	7.5	8.7	7.4	14.1	21.5	235.2
102°	866.7	699.3	225.9	19.5	11.0	7.6	8.8	7.4	13.9	21.8	221.3
103°	832.6	665.9	212.2	19.7	10.8	7.7	8.8	7.5	13.8	22.0	207.7
104°	793.7	631.8	199.5	19.9	10.7	7.8	8.9	7.6	13.6	22.3	195.3
105°	753.4	597.0	185.7	20.1	10.5	7.8	8.9	7.7	13.4	22.6	182.5
106°	711.4	566.3	174.2	20.2	10.5	7.9	9.0	7.8	13.3	22.8	168.5
107°	673.2	534.4	162.6	20.2	10.3	8.0	9.0	7.8	13.2	23.0	153.3
108°	630.4	505.5	151.0	20.2	10.2	8.0	9.0	7.9	13.1	23.2	138.8
109°	585.1	473.3	139.9	20.2	10.1	8.1	9.0	8.0	12.9	23.3	124.0
110°	544.8	442.1	128.3	20.2	10.1	8.2	9.1	8.0	12.7	23.4	110.1
111°	506.0	411.4	117.6	20.1	9.9	8.2	9.1	8.1	12.5	23.4	98.7
112°	468.3	378.6	108.5	20.1	9.8	8.3	9.1	8.2	12.3	23.4	88.8
113°	435.7	341.8	99.7	20.0	9.7	8.4	9.1	8.3	12.2	23.3	80.3
114°	404.1	305.2	91.9	19.8	9.7	8.4	9.2	8.3	11.9	23.1	72.3
115°	375.1	263.9	84.3	19.7	9.6	8.5	9.2	8.4	11.8	23.0	65.8
116°	342.2	227.2	77.4	19.7	9.6	8.5	9.2	8.5	11.6	22.9	59.2
117°	308.4	196.6	70.9	19.5	9.5	8.6	9.2	8.6	11.5	22.7	53.7
118°	268.8	169.5	65.2	19.3	9.4	8.7	9.2	8.6	11.3	22.5	49.3
119°	234.3	150.9	60.1	19.1	9.4	8.7	9.3	8.7	11.2	22.3	45.2
120°	205.3	137.5	55.6	18.8	9.3	8.8	9.3	8.7	11.1	21.9	41.5
121°	183.3	124.8	51.7	18.5	9.3	8.9	9.3	8.8	11.0	21.4	38.1
122°	167.5	113.7	49.0	18.1	9.3	8.9	9.3	8.9	10.9	20.7	35.2
123°	153.3	104.7	46.0	17.7	9.3	9.0	9.3	8.9	10.7	20.1	31.8
124°	139.6	94.7	42.3	17.2	9.3	9.0	9.4	9.0	10.6	19.3	28.3
125°	127.3	86.9	38.4	16.6	9.2	9.1	9.4	9.1	10.6	18.5	24.9
126°	115.3	77.3	35.3	16.1	9.2	9.2	9.5	9.1	10.5	17.8	22.1
127°	104.7	68.9	32.6	15.5	9.2	9.2	9.5	9.2	10.4	17.1	20.2
128°	94.8	61.0	30.0	14.9	9.1	9.3	9.5	9.2	10.2	16.4	18.3
129°	84.3	53.2	27.5	14.3	9.1	9.3	9.5	9.3	10.1	15.7	16.5
130°	74.9	46.9	25.2	13.6	9.1	9.4	9.6	9.3	10.0	15.0	14.8
131°	65.8	41.0	22.6	13.0	9.0	9.4	9.6	9.4	9.8	14.3	13.2
132°	55.5	35.7	20.1	12.5	9.0	9.5	9.7	9.4	9.7	13.5	11.7
133°	46.1	31.5	17.9	11.9	8.9	9.5	9.7	9.5	9.5	12.7	10.6
134°	39.2	27.6	15.9	11.4	8.9	9.6	9.8	9.5	9.3	11.8	9.5



REPORT NUMBER: P670587

CATALOG NUMBER: WXP80LSFSUNVDBZ-40W-3000K

**CANDELA DISTRIBUTION (continued):**

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
135°	32.9	23.8	14.3	10.9	8.9	9.6	9.8	9.6	9.1	11.0	8.8
136°	27.8	20.3	13.0	10.5	8.8	9.7	9.8	9.6	8.8	10.1	7.6
137°	23.6	17.5	11.6	10.1	8.7	9.7	9.9	9.6	8.5	9.2	6.3
138°	19.8	15.1	10.4	9.7	8.7	9.7	9.9	9.7	8.2	8.4	5.5
139°	16.5	12.6	9.8	9.4	8.6	9.7	9.9	9.7	7.9	7.7	5.2
140°	13.2	9.9	9.3	9.0	8.5	9.7	10.0	9.7	7.8	7.0	5.0
141°	10.4	8.2	8.9	8.7	8.4	9.7	10.0	9.7	7.7	6.4	4.9
142°	8.4	7.6	8.6	8.4	8.3	9.7	10.0	9.7	7.6	5.9	4.9
143°	6.4	7.0	8.4	8.1	8.3	9.7	10.0	9.6	7.6	5.6	5.0
144°	3.5	6.7	8.2	7.7	8.1	9.7	10.0	9.6	7.6	5.4	5.3
145°	2.5	6.8	7.9	7.4	8.0	9.7	10.0	9.6	7.6	5.3	5.6
146°	2.4	6.6	8.0	7.0	7.9	9.6	10.0	9.5	7.5	5.3	5.9
147°	2.4	6.0	8.0	6.7	7.9	9.6	10.0	9.5	7.4	5.3	6.2
148°	2.4	5.6	8.1	6.4	7.9	9.5	9.9	9.4	7.3	5.4	6.5
149°	2.4	5.3	8.3	6.1	7.9	9.5	9.9	9.3	7.3	5.5	6.6
150°	2.4	5.2	8.5	6.0	7.9	9.4	9.8	9.2	7.2	5.5	6.9
151°	2.3	4.9	8.9	6.0	7.9	9.4	9.8	9.1	7.2	5.6	6.5
152°	2.2	4.4	8.6	6.0	7.9	9.3	9.7	9.1	7.2	5.6	6.1
153°	2.2	4.1	8.0	6.1	7.9	9.2	9.6	9.0	7.1	5.7	5.7
154°	2.3	4.3	7.5	6.1	7.9	9.2	9.5	8.9	7.1	5.8	5.4
155°	2.4	4.6	7.1	6.2	7.9	9.1	9.4	8.9	7.1	5.8	5.1
156°	2.5	4.8	6.4	6.2	7.9	9.0	9.3	8.7	7.0	5.9	5.1
157°	2.7	5.1	6.2	6.3	7.9	8.9	9.2	8.6	7.0	5.9	5.2
158°	3.0	5.3	6.1	6.3	7.8	8.8	9.1	8.5	7.0	6.0	5.2
159°	3.2	5.3	6.0	6.4	7.8	8.7	8.9	8.4	6.9	6.1	5.3
160°	3.5	5.4	5.9	6.4	7.8	8.6	8.8	8.3	6.9	6.1	5.3
161°	3.7	5.4	5.8	6.5	7.8	8.5	8.7	8.2	6.8	6.2	5.4
162°	3.8	5.5	5.8	6.5	7.7	8.4	8.5	8.1	6.8	6.2	5.4
163°	4.0	5.5	5.7	6.5	7.7	8.3	8.4	8.0	6.8	6.3	5.5
164°	4.0	5.1	5.7	6.6	7.7	8.2	8.3	7.8	6.7	6.3	5.5
165°	4.1	4.9	5.7	6.6	7.6	8.1	8.1	7.7	6.7	6.3	5.6
166°	4.1	4.4	5.7	6.7	7.6	8.0	8.0	7.5	6.7	6.4	5.7
167°	4.2	4.5	5.4	6.7	7.5	8.0	7.9	7.4	6.6	6.4	5.7
168°	4.2	4.6	5.3	6.7	7.5	7.8	7.7	7.3	6.5	6.5	5.7
169°	4.4	4.7	5.3	6.7	7.4	7.7	7.6	7.2	6.5	6.5	5.8
170°	4.6	4.8	5.4	6.8	7.4	7.6	7.4	7.1	6.4	6.5	5.9
171°	4.8	4.9	5.4	6.8	7.3	7.5	7.3	6.9	6.4	6.6	5.9
172°	4.9	5.0	5.5	6.8	7.2	7.4	7.1	6.8	6.3	6.6	6.0
173°	5.1	5.1	5.5	6.8	7.2	7.3	7.0	6.7	6.2	6.6	6.0
174°	5.3	5.3	5.6	6.8	7.1	7.1	6.8	6.6	6.1	6.7	6.1
175°	5.5	5.4	5.5	6.8	7.0	7.0	6.7	6.5	6.0	6.7	6.2
176°	5.6	5.5	5.5	6.8	6.9	6.9	6.5	6.3	5.7	6.7	6.3
177°	5.8	5.6	5.5	6.8	6.8	6.7	6.4	6.2	5.6	6.8	6.4
178°	5.8	5.6	5.4	6.8	6.8	6.6	6.2	5.9	5.5	6.8	6.5
179°	5.9	5.6	5.4	6.8	6.7	6.4	6.0	5.7	5.5	6.8	6.5



REPORT NUMBER: P670587  
CATALOG NUMBER: WXPM80LSFSUNVDBZ-40W-3000K

**CANDELA DISTRIBUTION (continued):**

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
180°	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9



REPORT NUMBER: P670587  
CATALOG NUMBER: WXPM80LSFSUNVDBZ-40W-3000K

**CANDELA DISTRIBUTION (continued):**

	330°	360°
0°	943.8	943.8
1°	1006.8	1029.6
2°	1073.9	1115.7
3°	1155.9	1210.3
4°	1238.1	1294.4
5°	1332.2	1383.6
6°	1401.4	1462.5
7°	1459.5	1531.6
8°	1511.5	1594.8
9°	1548.1	1678.5
10°	1609.4	1740.8
11°	1661.1	1794.4
12°	1693.7	1869.5
13°	1770.8	1912.3
14°	1826.1	1943.0
15°	1899.6	1962.0
16°	1920.6	1983.9
17°	1935.1	1982.0
18°	1935.5	2009.9
19°	1895.1	2036.9
20°	1879.3	2027.1
21°	1883.3	2046.3
22°	1904.3	2019.1
23°	1931.7	2018.6
24°	1938.2	1982.1
25°	1932.9	1976.4
26°	1904.2	1950.8
27°	1863.9	1937.6
28°	1826.0	1935.6
29°	1787.0	1907.6
30°	1780.8	1909.0
31°	1785.4	1884.4
32°	1769.4	1884.2
33°	1742.7	1853.2
34°	1716.9	1863.9
35°	1683.0	1838.2
36°	1657.2	1825.3
37°	1625.5	1822.2
38°	1614.6	1822.6
39°	1598.9	1804.5
40°	1599.3	1805.1
41°	1588.8	1791.8
42°	1583.1	1775.5
43°	1549.6	1791.6
44°	1538.4	1776.1



REPORT NUMBER: P670587  
CATALOG NUMBER: WXPM80LSFSUNVDBZ-40W-3000K

**CANDELA DISTRIBUTION (continued):**

	330°	360°
45°	1523.2	1781.0
46°	1506.0	1796.6
47°	1500.9	1785.9
48°	1498.8	1815.1
49°	1489.5	1813.5
50°	1495.8	1848.4
51°	1498.8	1882.9
52°	1498.2	1934.2
53°	1509.8	1959.4
54°	1518.6	1986.5
55°	1534.5	1996.7
56°	1547.4	2009.1
57°	1560.8	2025.7
58°	1570.0	2030.4
59°	1569.5	2027.7
60°	1567.7	2026.1
61°	1567.4	2026.0
62°	1564.8	2018.1
63°	1561.8	2005.4
64°	1558.3	2001.3
65°	1549.8	1994.7
66°	1543.2	1969.5
67°	1537.6	1942.3
68°	1535.3	1931.4
69°	1525.6	1916.0
70°	1515.3	1884.0
71°	1497.7	1860.3
72°	1486.7	1843.9
73°	1468.7	1823.5
74°	1451.1	1791.8
75°	1433.7	1767.6
76°	1414.9	1743.2
77°	1391.2	1703.4
78°	1370.2	1682.8
79°	1349.0	1651.1
80°	1320.5	1622.5
81°	1295.5	1584.8
82°	1270.2	1557.8
83°	1238.7	1524.0
84°	1208.7	1481.5
85°	1177.8	1450.6
86°	1148.9	1419.0
87°	1118.0	1386.5
88°	1088.7	1357.4
89°	1058.8	1325.0



REPORT NUMBER: P670587  
CATALOG NUMBER: WXPM80LSFSUNVDBZ-40W-3000K

**CANDELA DISTRIBUTION (continued):**

	330°	360°
90°	1025.7	1295.5
91°	997.3	1262.9
92°	968.3	1220.8
93°	934.9	1184.9
94°	903.5	1153.9
95°	873.1	1119.5
96°	841.0	1081.7
97°	810.1	1045.6
98°	777.6	1010.9
99°	746.4	981.7
100°	713.4	945.8
101°	681.0	904.9
102°	645.7	866.7
103°	611.6	832.6
104°	578.9	793.7
105°	545.4	753.4
106°	509.8	711.4
107°	474.9	673.2
108°	441.9	630.4
109°	408.3	585.1
110°	378.8	544.8
111°	350.3	506.0
112°	322.6	468.3
113°	294.6	435.7
114°	267.5	404.1
115°	235.2	375.1
116°	202.7	342.2
117°	176.4	308.4
118°	155.3	268.8
119°	139.0	234.3
120°	126.3	205.3
121°	114.4	183.3
122°	103.7	167.5
123°	94.2	153.3
124°	85.1	139.6
125°	76.5	127.3
126°	67.8	115.3
127°	59.9	104.7
128°	52.0	94.8
129°	44.2	84.3
130°	37.6	74.9
131°	31.7	65.8
132°	26.7	55.5
133°	22.7	46.1
134°	19.1	39.2



REPORT NUMBER: P670587  
CATALOG NUMBER: WXPM80LSFSUNVDBZ-40W-3000K

**CANDELA DISTRIBUTION (continued):**

	330°	360°
135°	16.0	32.9
136°	13.2	27.8
137°	11.0	23.6
138°	9.1	19.8
139°	6.9	16.5
140°	4.5	13.2
141°	3.7	10.4
142°	3.6	8.4
143°	3.6	6.4
144°	3.9	3.5
145°	4.1	2.5
146°	3.9	2.4
147°	3.7	2.4
148°	3.5	2.4
149°	3.4	2.4
150°	3.3	2.4
151°	3.1	2.3
152°	3.0	2.2
153°	3.3	2.2
154°	3.5	2.3
155°	3.6	2.4
156°	3.8	2.5
157°	4.0	2.7
158°	4.0	3.0
159°	4.1	3.2
160°	4.1	3.5
161°	4.2	3.7
162°	4.2	3.8
163°	4.2	4.0
164°	4.2	4.0
165°	4.3	4.1
166°	4.4	4.1
167°	4.6	4.2
168°	4.7	4.2
169°	4.9	4.4
170°	5.0	4.6
171°	5.2	4.8
172°	5.4	4.9
173°	5.5	5.1
174°	5.7	5.3
175°	5.9	5.5
176°	6.0	5.6
177°	6.1	5.8
178°	6.2	5.8
179°	6.3	5.9

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

Scaled Data Report



REPORT NUMBER: P670587  
CATALOG NUMBER: WXPM80LSFSUNVDBZ-40W-3000K

**CANDELA DISTRIBUTION (continued):**

	330°	360°
180°	5.9	5.9

(END OF REPORT)