

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



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: P670595

Luminaire Tested: WXPM80LSFSUNVDBZ-60W-5000K

Issue Date: 4/4/2023

Test Information

Test Method: LM-79-2019
Report Number: P670595
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-60W-5000K
Description: WALL PACK
Light Source:
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7520 lumens
Efficiency: N/A
Efficacy: 127.9 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 - U4 - G4

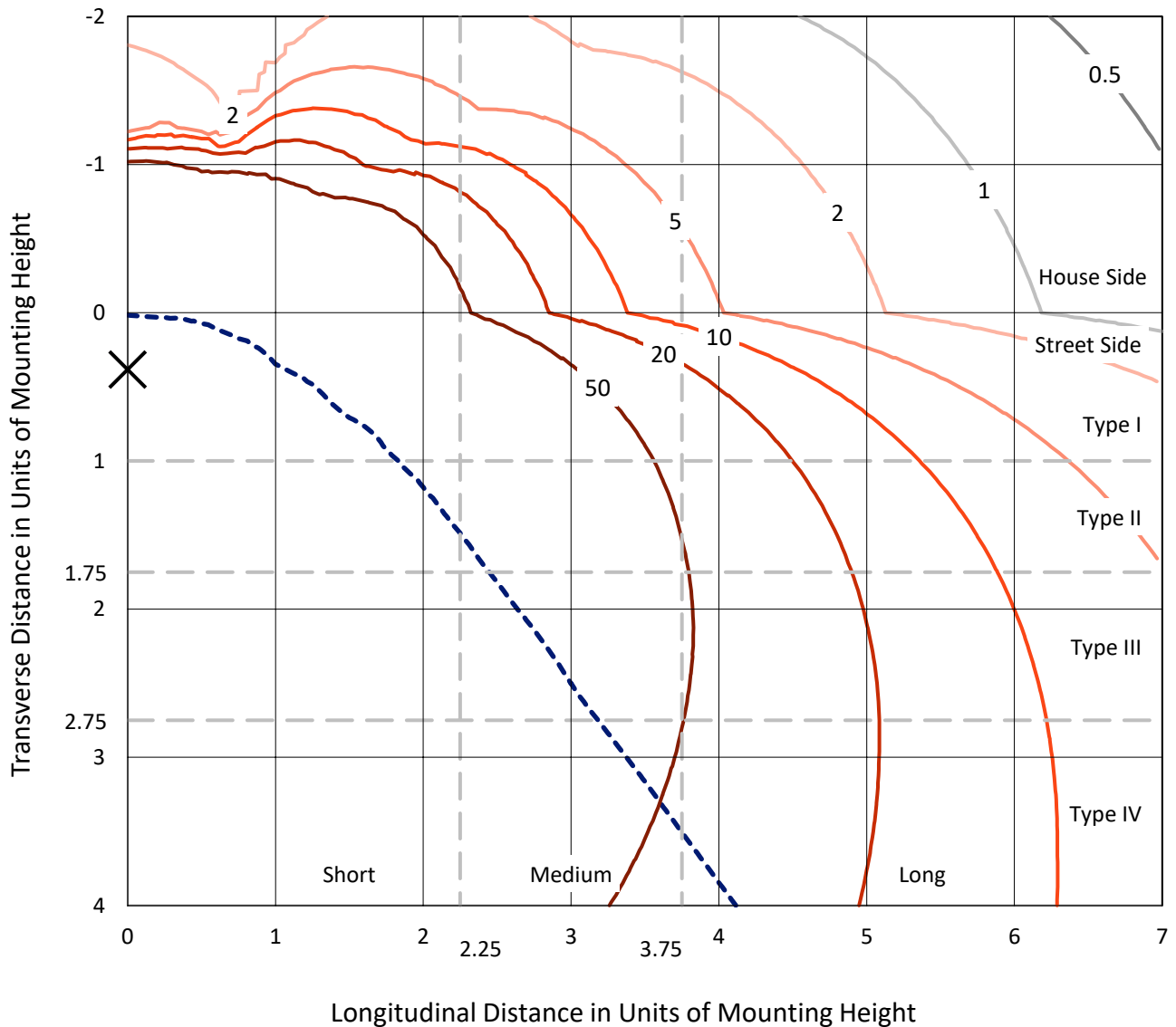
Input Watts (W): 58.8
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

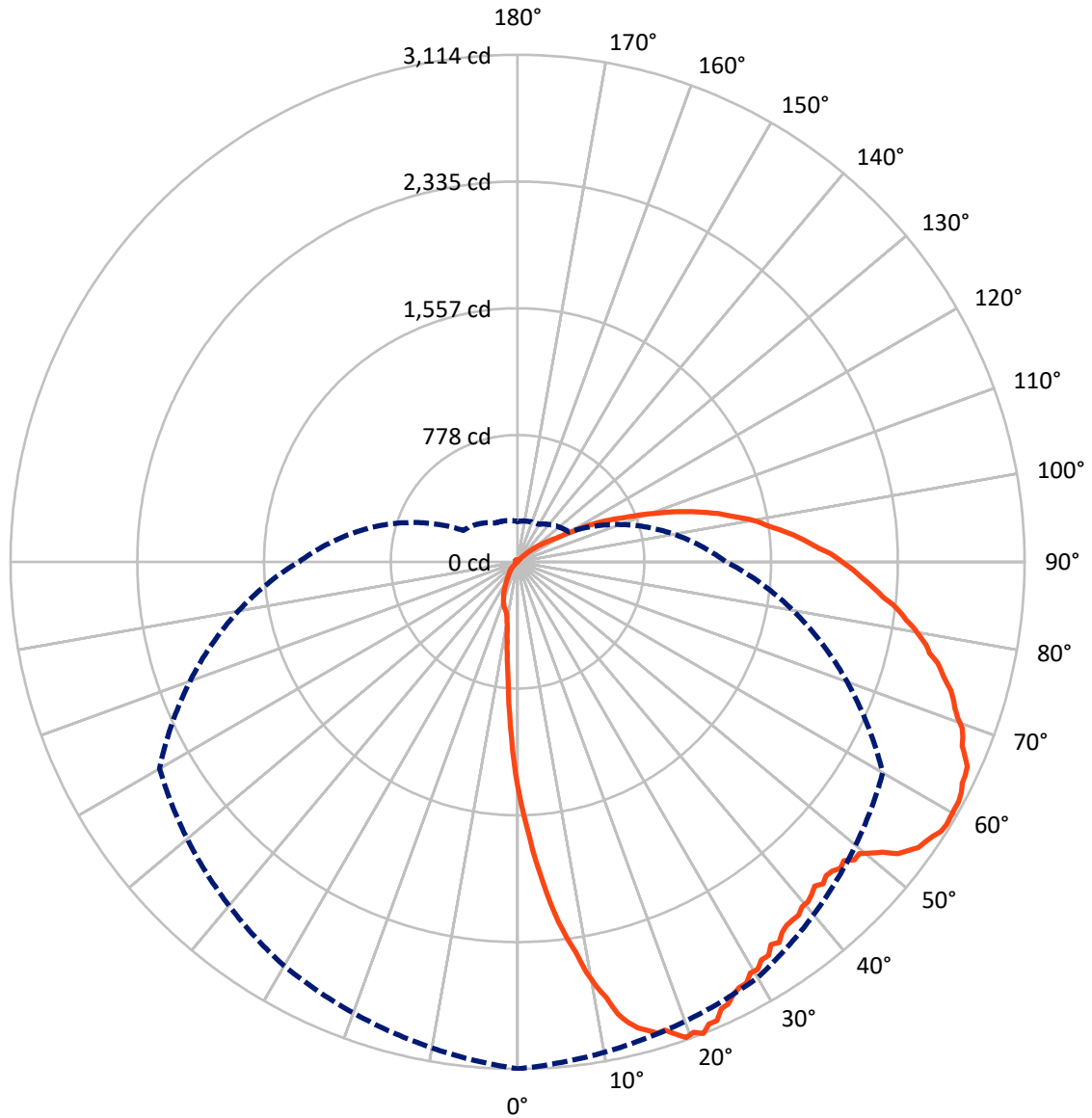
× Max cd
 - - - 1/2 Max cd



Based on 0.5 foot mounting height. Maximum calculated value = 10802.2 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 0-Deg Lateral - - - Horizontal Cone Through 21-Deg Vertical



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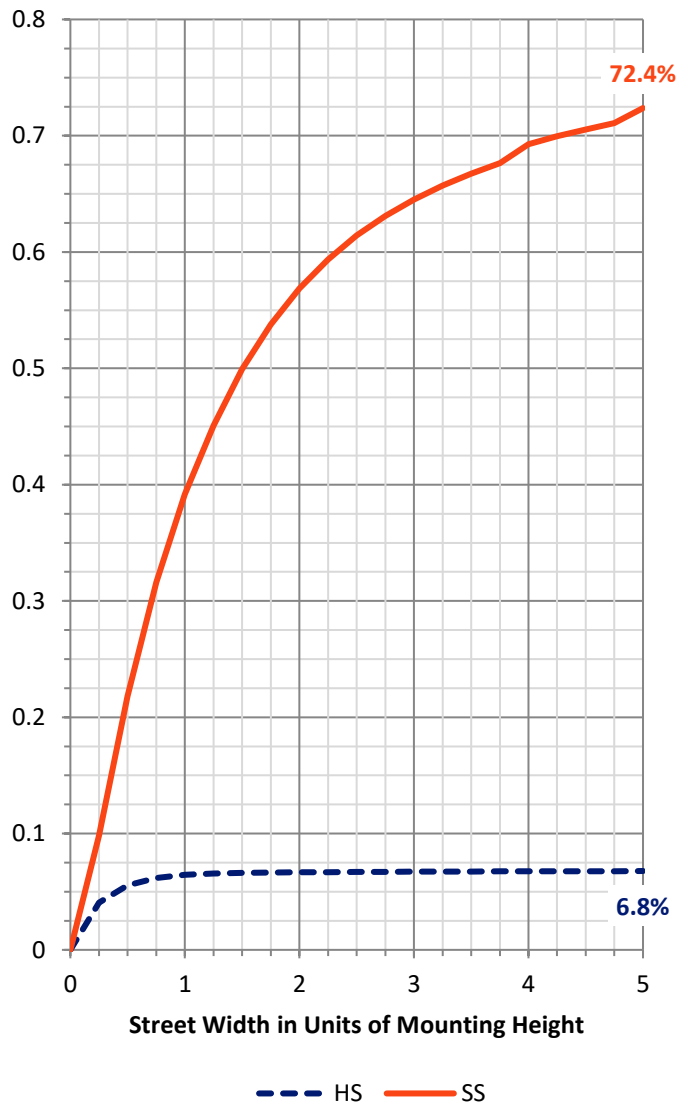
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	518.0	49.7	567.7
	% Fixture	6.9	0.7	7.5
Street Side	Lumens	5945.5	1006.8	6952.3
	% Fixture	79.1	13.4	92.5
Total	Lumens	6463.5	1056.5	7520.0
	% Fixture	86.0	14.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	135.8	1.8
10°-20°	424.0	5.6
20°-30°	685.6	9.1
30°-40°	830.4	11.0
40°-50°	891.8	11.9
50°-60°	955.2	12.7
60°-70°	960.3	12.8
70°-80°	870.9	11.6
80°-90°	709.5	9.4
90°-100°	513.1	6.8
100°-110°	316.7	4.2
110°-120°	143.2	1.9
120°-130°	51.0	0.7
130°-140°	17.2	0.2
140°-150°	7.0	0.1
150°-160°	4.6	0.1
160°-170°	2.7	0.0
170°-180°	0.9	0.0
0°-90°	6463.5	86.0
0°-180°	7520.0	100.0

Coefficient of Utilization

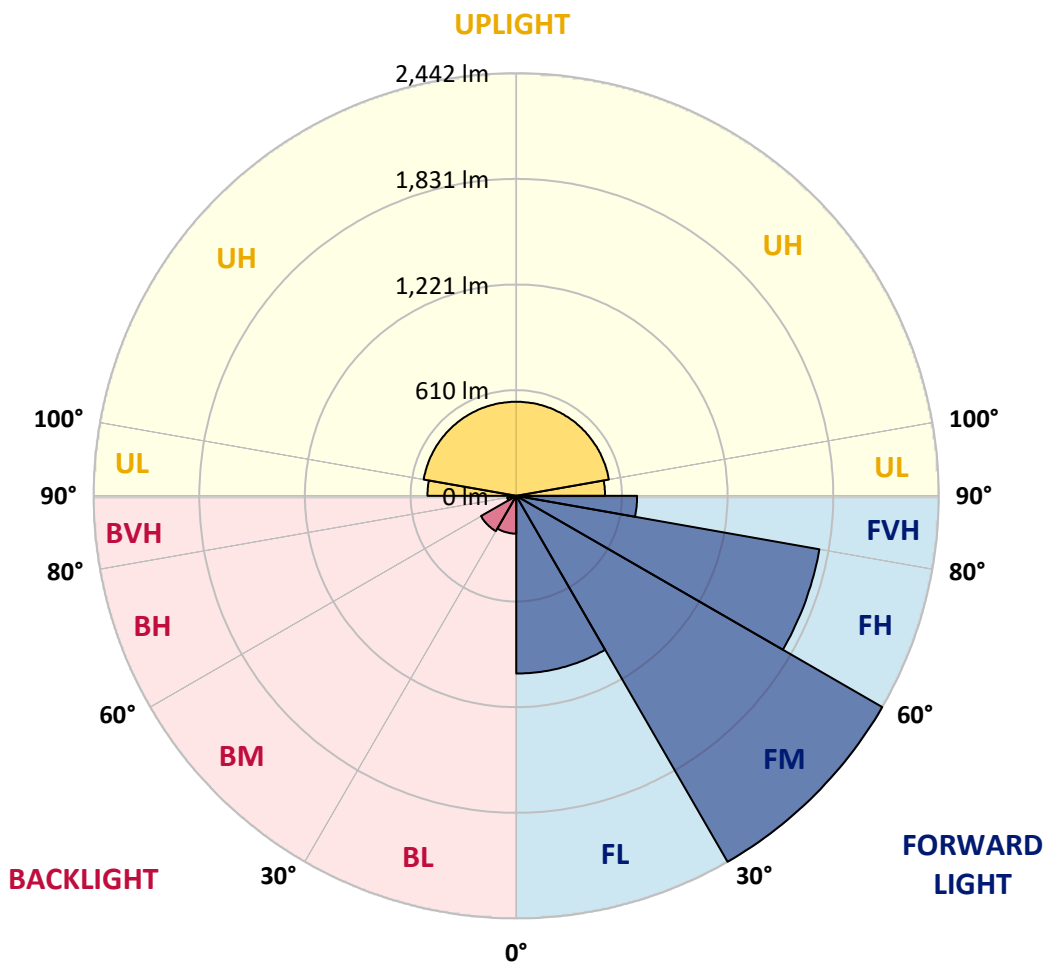


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1026.9	13.7			
FM (30°-60°)	2442.0	32.5			
FH (60°-80°)	1778.7	23.7			G1/1800
FVH (80°-90°)	697.9	9.3			G4/750
BL (0°-30°)	218.5	2.9	B1/500		
BM (30°-60°)	235.4	3.1	B1/1000		
BH (60°-80°)	52.5	0.7	B0/110		G0/110
BVH (80°-90°)	11.6	0.2			G1/100
UL (90°-100°)	513.1	6.8		U4/1000	
UH (100°-180°)	543.4	7.2		U4/1000	

BUG Rating: B1-U4-G4
 Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
0°	1436.1	1436.1	1436.1	1436.1	1436.1	1436.1	1436.1	1436.1	1436.1	1436.1	1436.1
1°	1566.7	1560.6	1513.6	1439.7	1373.9	1322.6	1301.6	1308.1	1351.8	1416.5	1477.1
2°	1697.7	1678.6	1582.6	1437.7	1304.5	1209.6	1155.4	1174.7	1288.5	1431.2	1544.0
3°	1841.6	1813.4	1650.3	1428.6	1238.1	1078.6	1005.3	1045.7	1227.7	1449.0	1626.8
4°	1969.7	1928.5	1703.9	1410.3	1160.0	953.6	872.2	923.4	1154.0	1440.9	1708.3
5°	2105.3	2039.5	1744.1	1394.1	1075.1	833.3	739.5	806.7	1064.2	1428.6	1744.8
6°	2225.5	2146.7	1811.8	1393.8	993.7	729.3	646.2	719.6	983.5	1438.8	1793.7
7°	2330.6	2238.5	1865.3	1372.2	924.8	647.0	564.7	644.0	918.9	1451.5	1872.9
8°	2426.7	2319.7	1916.9	1342.8	850.8	571.2	492.4	571.0	856.0	1440.5	1966.1
9°	2554.1	2411.2	1953.6	1334.0	778.8	505.2	432.6	506.1	789.9	1427.8	2024.4
10°	2648.9	2521.7	1971.1	1345.9	714.6	449.9	389.2	452.6	730.8	1411.6	2063.7
11°	2730.5	2614.2	2079.0	1336.6	666.9	406.4	358.5	411.3	683.6	1424.1	2097.3
12°	2844.7	2709.4	2146.3	1329.3	622.1	374.9	335.2	381.4	638.1	1436.5	2126.9
13°	2909.9	2774.6	2190.9	1332.0	580.2	350.4	319.1	359.1	602.2	1428.8	2188.8
14°	2956.6	2853.1	2227.7	1320.9	541.6	330.0	309.6	340.1	565.4	1410.1	2264.8
15°	2985.5	2875.7	2279.9	1325.9	508.1	313.6	302.9	324.8	529.9	1397.4	2342.7
16°	3018.7	2874.7	2349.6	1330.0	477.5	300.8	296.1	313.5	496.0	1395.6	2352.6
17°	3015.8	2868.2	2424.8	1325.0	449.9	292.0	288.8	305.4	466.9	1385.4	2358.2
18°	3058.3	2913.8	2491.6	1306.5	426.7	285.2	281.0	297.8	442.4	1362.8	2387.5
19°	3099.4	2942.5	2517.2	1304.9	405.4	279.2	269.8	290.5	420.4	1361.0	2434.2
20°	3084.5	2951.9	2547.5	1303.0	384.3	272.9	260.5	282.5	401.9	1359.8	2490.9
21°	3113.8	2948.7	2589.3	1280.0	365.8	266.1	248.0	274.9	386.4	1342.4	2538.9
22°	3072.4	2985.5	2641.2	1260.9	348.8	255.3	236.9	263.2	373.2	1337.5	2537.8
23°	3071.6	2999.1	2672.3	1219.6	333.1	247.2	224.6	254.6	359.8	1329.3	2534.6
24°	3016.0	3042.0	2682.0	1206.5	316.9	236.3	212.7	242.2	346.0	1310.7	2537.4
25°	3007.4	2992.1	2687.3	1169.5	301.4	226.0	199.2	231.8	333.4	1303.1	2562.8
26°	2968.5	2976.3	2685.6	1131.5	287.0	216.1	186.8	221.4	321.5	1296.1	2598.8
27°	2948.3	2907.6	2697.2	1109.0	275.7	204.3	173.7	208.1	309.0	1283.7	2610.5
28°	2945.3	2877.1	2726.5	1101.5	266.1	193.9	161.8	195.6	298.7	1278.6	2614.4
29°	2902.6	2851.2	2684.8	1087.6	257.7	182.1	149.9	184.8	289.9	1269.8	2567.6
30°	2904.8	2804.6	2638.8	1060.8	249.5	170.6	139.5	174.9	282.5	1255.3	2522.8
31°	2867.4	2820.7	2615.2	1035.2	241.8	159.7	129.1	165.0	275.1	1230.1	2509.7
32°	2867.0	2822.7	2571.8	1005.5	234.8	149.8	120.6	155.5	268.3	1210.2	2493.1
33°	2819.9	2795.2	2509.1	976.2	228.3	140.4	111.6	147.0	261.5	1175.6	2496.8
34°	2836.1	2772.7	2507.3	949.5	221.4	131.8	102.8	138.3	254.6	1144.3	2461.8
35°	2797.1	2756.1	2504.1	921.5	214.8	123.3	96.1	130.4	246.1	1121.1	2426.0
36°	2777.5	2733.1	2466.3	890.1	209.3	115.4	89.4	122.6	240.1	1107.2	2408.5
37°	2772.7	2698.7	2444.9	872.3	203.8	107.3	82.1	115.1	233.9	1082.1	2371.8
38°	2773.3	2668.7	2462.1	862.3	196.7	99.5	78.1	107.6	225.5	1058.8	2289.0
39°	2745.8	2643.3	2439.7	866.3	191.0	91.6	76.0	100.5	218.2	1010.7	2247.0
40°	2746.7	2601.5	2416.7	845.2	184.9	84.4	71.6	93.4	211.4	982.5	2186.8
41°	2726.6	2582.4	2433.2	817.9	178.1	77.3	66.9	86.7	203.3	952.2	2134.2
42°	2701.6	2554.9	2373.5	773.0	171.4	70.5	62.0	80.0	196.6	937.6	2094.4
43°	2726.1	2523.9	2273.9	734.3	164.1	63.9	56.2	73.4	189.3	925.1	2061.7
44°	2702.6	2525.8	2215.5	711.7	158.1	57.8	48.5	67.1	181.9	910.2	2008.8



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CATALOG NUMBER: WXP80LSFSUNVDBZ-60W-5000K

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
45°	2710.0	2551.0	2145.1	723.7	151.4	51.8	40.2	60.6	174.4	897.2	1971.1
46°	2733.8	2557.1	2065.7	710.7	145.3	45.9	33.4	53.9	166.8	871.3	1967.5
47°	2717.5	2504.8	2030.2	688.3	138.3	40.1	23.8	47.1	159.7	836.3	1948.9
48°	2761.9	2471.7	2026.2	655.1	132.0	34.8	16.6	40.6	152.5	805.0	1910.1
49°	2759.6	2459.2	2032.2	627.2	125.0	29.2	3.3	33.9	145.5	782.2	1882.0
50°	2812.6	2445.6	2016.6	614.7	118.4	23.9	2.4	27.9	138.9	770.3	1854.1
51°	2865.1	2466.0	2021.9	595.0	111.4	17.8	2.6	21.7	132.6	748.1	1793.8
52°	2943.2	2462.8	2033.1	556.2	105.3	11.7	2.7	15.2	126.6	710.6	1767.5
53°	2981.4	2471.8	1998.5	526.8	98.8	2.8	2.9	6.3	120.0	671.7	1724.0
54°	3022.8	2500.2	1945.2	514.5	93.1	2.6	3.1	3.8	113.9	651.5	1677.1
55°	3038.2	2518.1	1904.8	489.4	86.7	2.7	3.3	3.8	107.5	643.7	1671.4
56°	3057.2	2533.6	1847.5	455.0	81.1	2.8	3.4	3.9	101.0	616.7	1674.0
57°	3082.4	2530.5	1811.3	427.1	75.6	3.0	3.6	4.1	94.5	584.3	1668.8
58°	3089.6	2541.4	1776.7	406.7	70.5	3.2	3.8	4.3	88.4	561.2	1658.5
59°	3085.5	2537.1	1769.1	385.2	65.5	3.3	4.0	4.4	82.6	531.7	1632.4
60°	3083.0	2528.2	1772.3	360.4	60.6	3.5	4.2	4.6	76.9	495.6	1602.2
61°	3082.9	2504.9	1752.4	334.5	56.0	3.7	4.4	4.8	71.6	465.1	1559.0
62°	3070.9	2507.9	1721.3	311.6	51.4	3.8	4.6	5.0	66.4	436.7	1531.2
63°	3051.6	2496.2	1662.7	285.3	47.4	4.0	4.8	5.2	61.5	410.3	1511.2
64°	3045.2	2484.5	1617.0	260.2	43.6	4.2	5.1	5.4	56.9	383.3	1496.9
65°	3035.2	2475.7	1593.6	235.4	40.5	4.4	5.3	5.6	52.8	356.1	1484.7
66°	2996.8	2469.1	1565.3	214.3	38.0	4.6	5.5	5.9	48.9	330.0	1450.4
67°	2955.6	2457.9	1530.3	194.3	36.0	4.8	5.7	6.1	45.6	305.7	1426.8
68°	2938.9	2438.2	1495.5	174.1	34.2	5.0	6.0	6.3	43.1	282.5	1399.9
69°	2915.5	2411.4	1458.0	159.1	32.8	5.2	6.2	6.4	41.0	261.9	1377.9
70°	2866.7	2395.2	1430.7	145.7	31.1	5.4	6.4	6.6	39.1	242.6	1358.9
71°	2830.7	2368.7	1386.9	133.7	29.5	5.6	6.7	6.8	37.4	223.5	1320.3
72°	2805.8	2347.5	1353.2	123.3	28.2	5.8	6.9	7.0	35.6	205.3	1289.4
73°	2774.7	2319.6	1316.5	114.0	26.8	6.0	7.2	7.2	34.1	188.4	1263.4
74°	2726.4	2295.4	1285.0	105.5	25.4	6.2	7.4	7.3	32.6	172.7	1230.7
75°	2689.7	2258.4	1247.1	97.3	24.1	6.4	7.6	7.5	31.4	157.8	1190.4
76°	2652.5	2224.1	1199.2	90.0	23.1	6.6	7.9	7.5	30.4	144.2	1160.8
77°	2592.0	2194.0	1169.3	83.1	22.4	6.9	8.1	7.7	29.5	132.0	1125.5
78°	2560.7	2162.8	1137.4	77.0	21.9	7.1	8.4	7.8	28.7	120.2	1086.2
79°	2512.4	2130.1	1101.0	71.1	21.6	7.3	8.6	8.0	27.7	109.8	1054.8
80°	2468.9	2094.5	1069.5	65.6	21.3	7.5	8.9	8.1	27.2	99.8	1021.6
81°	2411.6	2063.1	1029.7	60.4	21.0	7.7	9.1	8.3	26.6	90.8	988.3
82°	2370.4	2025.2	990.4	55.7	20.7	7.9	9.4	8.5	25.9	82.2	949.7
83°	2319.0	1981.5	955.3	51.5	20.5	8.1	9.7	8.7	25.6	74.7	915.3
84°	2254.3	1938.3	911.5	47.5	20.3	8.4	9.9	8.9	25.2	68.2	883.5
85°	2207.4	1890.7	877.0	43.7	20.2	8.6	10.2	9.2	25.1	62.2	850.8
86°	2159.3	1848.4	838.8	40.1	19.9	8.8	10.4	9.4	24.5	56.4	817.0
87°	2109.7	1806.4	803.2	37.1	19.7	9.0	10.7	9.6	24.1	51.2	779.8
88°	2065.5	1762.4	768.0	34.3	19.5	9.2	10.9	9.8	24.9	46.6	745.1
89°	2016.2	1712.2	729.7	32.2	19.4	9.4	11.1	10.0	24.9	42.5	711.6



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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
90°	1971.3	1664.5	695.3	30.5	19.1	9.6	11.3	10.1	24.7	39.1	674.7
91°	1921.8	1619.7	660.4	29.2	18.9	9.8	11.6	10.3	24.6	36.5	641.3
92°	1857.6	1573.2	622.1	28.1	18.8	10.0	11.8	10.5	23.6	34.9	606.9
93°	1803.0	1527.7	589.6	27.5	18.6	10.2	12.0	10.6	23.3	33.7	576.5
94°	1755.9	1478.7	554.6	27.2	18.5	10.4	12.2	10.6	23.2	32.8	545.0
95°	1703.5	1431.5	524.1	27.2	18.3	10.5	12.4	10.7	22.9	32.3	516.6
96°	1645.9	1379.6	493.5	27.3	18.1	10.7	12.5	10.8	22.7	32.0	486.1
97°	1591.0	1329.2	463.8	27.7	17.9	10.8	12.7	10.9	22.5	31.9	454.9
98°	1538.2	1277.4	439.7	28.2	17.7	11.0	12.8	11.0	22.2	31.9	428.0
99°	1493.9	1225.3	413.6	28.6	17.5	11.1	13.0	11.0	21.9	32.1	403.4
100°	1439.1	1176.2	389.0	28.9	17.3	11.3	13.1	11.1	21.7	32.3	380.4
101°	1377.0	1122.6	367.4	29.3	17.1	11.4	13.2	11.2	21.5	32.7	357.9
102°	1318.8	1064.1	343.7	29.6	16.8	11.5	13.3	11.3	21.2	33.1	336.7
103°	1266.9	1013.3	322.9	30.0	16.5	11.7	13.4	11.4	20.9	33.5	316.1
104°	1207.7	961.4	303.6	30.3	16.3	11.8	13.5	11.6	20.7	34.0	297.2
105°	1146.3	908.4	282.5	30.5	16.0	11.9	13.6	11.7	20.4	34.4	277.8
106°	1082.5	861.8	265.1	30.7	15.9	12.0	13.7	11.8	20.3	34.7	256.4
107°	1024.4	813.2	247.4	30.7	15.7	12.1	13.7	11.9	20.2	35.0	233.2
108°	959.2	769.2	229.8	30.8	15.6	12.2	13.7	12.0	19.9	35.3	211.2
109°	890.3	720.2	212.8	30.7	15.4	12.3	13.8	12.1	19.6	35.5	188.8
110°	829.0	672.7	195.2	30.7	15.3	12.4	13.8	12.2	19.3	35.6	167.5
111°	769.9	626.0	178.9	30.7	15.1	12.5	13.8	12.3	19.0	35.6	150.1
112°	712.5	576.0	165.0	30.5	14.9	12.6	13.9	12.4	18.8	35.6	135.2
113°	663.0	520.1	151.8	30.4	14.8	12.7	13.9	12.6	18.5	35.4	122.1
114°	614.9	464.4	139.8	30.2	14.7	12.8	13.9	12.7	18.2	35.2	110.0
115°	570.8	401.6	128.3	30.0	14.6	12.9	14.0	12.8	17.9	35.0	100.2
116°	520.8	345.7	117.7	29.9	14.5	13.0	14.0	12.9	17.7	34.8	90.1
117°	469.3	299.2	107.9	29.6	14.4	13.1	14.0	13.0	17.5	34.6	81.8
118°	409.0	257.9	99.3	29.4	14.4	13.2	14.1	13.1	17.2	34.3	75.0
119°	356.6	229.6	91.5	29.1	14.3	13.3	14.1	13.2	17.1	33.9	68.8
120°	312.4	209.2	84.6	28.7	14.2	13.4	14.1	13.3	16.9	33.3	63.2
121°	279.0	189.9	78.7	28.1	14.2	13.5	14.2	13.4	16.7	32.5	57.9
122°	254.9	173.1	74.5	27.5	14.2	13.6	14.2	13.5	16.5	31.6	53.5
123°	233.3	159.4	69.9	26.9	14.1	13.7	14.2	13.6	16.3	30.5	48.4
124°	212.4	144.2	64.4	26.1	14.1	13.8	14.3	13.7	16.2	29.4	43.1
125°	193.7	132.2	58.4	25.3	14.0	13.9	14.3	13.8	16.1	28.2	37.8
126°	175.4	117.7	53.8	24.5	14.0	13.9	14.4	13.9	15.9	27.1	33.7
127°	159.3	104.9	49.6	23.6	13.9	14.0	14.4	14.0	15.8	26.0	30.7
128°	144.3	92.8	45.7	22.7	13.9	14.1	14.5	14.1	15.6	25.0	27.8
129°	128.3	81.0	41.9	21.7	13.9	14.2	14.5	14.1	15.4	23.9	25.2
130°	113.9	71.4	38.4	20.8	13.8	14.3	14.6	14.2	15.2	22.8	22.5
131°	100.1	62.4	34.4	19.8	13.8	14.4	14.7	14.3	14.9	21.7	20.0
132°	84.5	54.3	30.6	19.0	13.7	14.4	14.7	14.4	14.7	20.5	17.8
133°	70.2	47.9	27.2	18.1	13.6	14.5	14.8	14.4	14.5	19.3	16.1
134°	59.7	42.0	24.2	17.3	13.5	14.6	14.8	14.5	14.2	18.0	14.5



REPORT NUMBER: P670595

CATALOG NUMBER: WXP80LSFSUNVDBZ-60W-5000K

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
135°	50.0	36.2	21.8	16.6	13.5	14.6	14.9	14.6	13.8	16.7	13.4
136°	42.4	31.0	19.7	15.9	13.4	14.7	14.9	14.6	13.4	15.4	11.5
137°	35.9	26.7	17.6	15.3	13.3	14.7	15.0	14.7	13.0	14.0	9.6
138°	30.2	23.0	15.8	14.8	13.2	14.8	15.1	14.7	12.4	12.8	8.3
139°	25.1	19.1	14.9	14.3	13.1	14.8	15.1	14.8	12.0	11.7	7.9
140°	20.1	15.1	14.1	13.8	13.0	14.8	15.2	14.8	11.9	10.7	7.6
141°	15.8	12.5	13.5	13.3	12.8	14.8	15.2	14.7	11.7	9.8	7.4
142°	12.7	11.6	13.1	12.8	12.7	14.8	15.2	14.7	11.6	9.0	7.5
143°	9.8	10.6	12.8	12.3	12.6	14.8	15.2	14.7	11.6	8.5	7.7
144°	5.3	10.2	12.5	11.8	12.4	14.7	15.2	14.6	11.5	8.2	8.1
145°	3.9	10.4	12.1	11.2	12.1	14.7	15.2	14.6	11.5	8.0	8.6
146°	3.7	10.1	12.1	10.7	12.1	14.7	15.2	14.5	11.4	8.0	9.0
147°	3.6	9.2	12.2	10.2	12.0	14.6	15.2	14.4	11.3	8.1	9.4
148°	3.6	8.5	12.4	9.7	12.0	14.5	15.1	14.3	11.2	8.2	9.8
149°	3.7	8.1	12.7	9.3	12.0	14.5	15.0	14.2	11.1	8.3	10.1
150°	3.7	7.8	13.0	9.1	12.0	14.4	14.9	14.1	11.0	8.4	10.4
151°	3.5	7.5	13.5	9.1	12.0	14.3	14.8	13.9	11.0	8.5	9.9
152°	3.4	6.7	13.0	9.1	12.0	14.2	14.7	13.8	10.9	8.6	9.2
153°	3.3	6.2	12.2	9.2	12.0	14.0	14.6	13.7	10.9	8.7	8.7
154°	3.5	6.6	11.5	9.3	12.0	13.9	14.5	13.6	10.8	8.8	8.2
155°	3.7	7.0	10.7	9.4	12.0	13.8	14.3	13.5	10.7	8.9	7.8
156°	3.8	7.4	9.7	9.5	12.0	13.7	14.1	13.3	10.7	9.0	7.8
157°	4.1	7.7	9.4	9.6	12.0	13.5	14.0	13.0	10.7	9.0	7.9
158°	4.5	8.0	9.3	9.6	11.9	13.4	13.8	12.9	10.6	9.1	7.9
159°	4.9	8.1	9.1	9.7	11.9	13.3	13.6	12.8	10.6	9.2	8.0
160°	5.3	8.2	9.0	9.8	11.9	13.1	13.4	12.6	10.5	9.3	8.1
161°	5.6	8.2	8.9	9.9	11.8	13.0	13.2	12.4	10.4	9.4	8.2
162°	5.8	8.4	8.8	9.9	11.8	12.8	13.0	12.3	10.3	9.4	8.3
163°	6.1	8.3	8.7	10.0	11.7	12.7	12.8	12.2	10.3	9.5	8.4
164°	6.1	7.8	8.7	10.0	11.7	12.5	12.6	11.9	10.2	9.6	8.4
165°	6.3	7.4	8.7	10.1	11.6	12.4	12.4	11.7	10.2	9.7	8.5
166°	6.3	6.8	8.6	10.1	11.5	12.2	12.2	11.5	10.1	9.7	8.6
167°	6.3	6.8	8.3	10.2	11.5	12.1	12.0	11.3	10.0	9.8	8.7
168°	6.4	7.0	8.1	10.2	11.4	11.9	11.8	11.1	9.9	9.8	8.7
169°	6.7	7.1	8.1	10.3	11.3	11.8	11.6	10.9	9.9	9.9	8.8
170°	7.0	7.3	8.2	10.3	11.2	11.6	11.3	10.8	9.8	10.0	8.9
171°	7.2	7.4	8.2	10.3	11.1	11.4	11.1	10.6	9.7	10.0	9.0
172°	7.5	7.6	8.3	10.4	11.0	11.2	10.9	10.4	9.6	10.1	9.1
173°	7.8	7.8	8.3	10.4	10.9	11.0	10.7	10.2	9.5	10.1	9.2
174°	8.1	8.0	8.5	10.4	10.8	10.9	10.4	10.0	9.3	10.1	9.3
175°	8.3	8.2	8.4	10.4	10.7	10.7	10.1	9.8	9.1	10.2	9.5
176°	8.6	8.4	8.4	10.4	10.5	10.5	9.9	9.6	8.7	10.2	9.6
177°	8.8	8.5	8.3	10.4	10.4	10.2	9.7	9.4	8.5	10.3	9.7
178°	8.9	8.5	8.3	10.4	10.3	10.0	9.4	9.0	8.4	10.3	9.9
179°	9.0	8.5	8.3	10.4	10.1	9.8	9.2	8.7	8.3	10.3	10.0



REPORT NUMBER: P670595
CATALOG NUMBER: WXPM80LSFSUNVDBZ-60W-5000K

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
180°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0



REPORT NUMBER: P670595
CATALOG NUMBER: WXP80LSFSUNVDBZ-60W-5000K

CANDELA DISTRIBUTION (continued):

	330°	360°
0°	1436.1	1436.1
1°	1532.0	1566.7
2°	1634.2	1697.7
3°	1758.9	1841.6
4°	1883.9	1969.7
5°	2027.2	2105.3
6°	2132.4	2225.5
7°	2220.9	2330.6
8°	2300.0	2426.7
9°	2355.7	2554.1
10°	2448.9	2648.9
11°	2527.6	2730.5
12°	2577.2	2844.7
13°	2694.5	2909.9
14°	2778.6	2956.6
15°	2890.5	2985.5
16°	2922.5	3018.7
17°	2944.5	3015.8
18°	2945.1	3058.3
19°	2883.7	3099.4
20°	2859.7	3084.5
21°	2865.8	3113.8
22°	2897.7	3072.4
23°	2939.4	3071.6
24°	2949.3	3016.0
25°	2941.2	3007.4
26°	2897.5	2968.5
27°	2836.2	2948.3
28°	2778.6	2945.3
29°	2719.1	2902.6
30°	2709.8	2904.8
31°	2716.7	2867.4
32°	2692.4	2867.0
33°	2651.8	2819.9
34°	2612.5	2836.1
35°	2561.0	2797.1
36°	2521.7	2777.5
37°	2473.4	2772.7
38°	2456.8	2773.3
39°	2432.9	2745.8
40°	2433.6	2746.7
41°	2417.6	2726.6
42°	2409.0	2701.6
43°	2357.9	2726.1
44°	2340.9	2702.6



REPORT NUMBER: P670595
CATALOG NUMBER: WXPM80LSFSUNVDBZ-60W-5000K

CANDELA DISTRIBUTION (continued):

	330°	360°
45°	2317.8	2710.0
46°	2291.6	2733.8
47°	2283.8	2717.5
48°	2280.6	2761.9
49°	2266.6	2759.6
50°	2276.1	2812.6
51°	2280.6	2865.1
52°	2279.7	2943.2
53°	2297.3	2981.4
54°	2310.8	3022.8
55°	2334.9	3038.2
56°	2354.6	3057.2
57°	2374.9	3082.4
58°	2389.1	3089.6
59°	2388.2	3085.5
60°	2385.4	3083.0
61°	2385.0	3082.9
62°	2381.1	3070.9
63°	2376.5	3051.6
64°	2371.2	3045.2
65°	2358.3	3035.2
66°	2348.2	2996.8
67°	2339.7	2955.6
68°	2336.3	2938.9
69°	2321.4	2915.5
70°	2305.8	2866.7
71°	2278.9	2830.7
72°	2262.3	2805.8
73°	2234.9	2774.7
74°	2208.1	2726.4
75°	2181.6	2689.7
76°	2153.0	2652.5
77°	2116.9	2592.0
78°	2084.9	2560.7
79°	2052.8	2512.4
80°	2009.4	2468.9
81°	1971.3	2411.6
82°	1932.8	2370.4
83°	1884.9	2319.0
84°	1839.2	2254.3
85°	1792.1	2207.4
86°	1748.2	2159.3
87°	1701.2	2109.7
88°	1656.6	2065.5
89°	1611.1	2016.2



REPORT NUMBER: P670595
CATALOG NUMBER: WXPM80LSFSUNVDBZ-60W-5000K

CANDELA DISTRIBUTION (continued):

	330°	360°
90°	1560.8	1971.3
91°	1517.5	1921.8
92°	1473.4	1857.6
93°	1422.6	1803.0
94°	1374.9	1755.9
95°	1328.5	1703.5
96°	1279.6	1645.9
97°	1232.6	1591.0
98°	1183.3	1538.2
99°	1135.7	1493.9
100°	1085.5	1439.1
101°	1036.2	1377.0
102°	982.5	1318.8
103°	930.6	1266.9
104°	880.9	1207.7
105°	830.0	1146.3
106°	775.7	1082.5
107°	722.6	1024.4
108°	672.4	959.2
109°	621.2	890.3
110°	576.5	829.0
111°	533.1	769.9
112°	490.9	712.5
113°	448.2	663.0
114°	407.0	614.9
115°	357.9	570.8
116°	308.5	520.8
117°	268.4	469.3
118°	236.3	409.0
119°	211.6	356.6
120°	192.1	312.4
121°	174.2	279.0
122°	157.8	254.9
123°	143.4	233.3
124°	129.4	212.4
125°	116.5	193.7
126°	103.1	175.4
127°	91.2	159.3
128°	79.1	144.3
129°	67.3	128.3
130°	57.2	113.9
131°	48.3	100.1
132°	40.6	84.5
133°	34.5	70.2
134°	29.0	59.7



REPORT NUMBER: P670595
CATALOG NUMBER: WXPM80LSFSUNVDBZ-60W-5000K

CANDELA DISTRIBUTION (continued):

	330°	360°
135°	24.4	50.0
136°	20.2	42.4
137°	16.8	35.9
138°	13.8	30.2
139°	10.6	25.1
140°	6.9	20.1
141°	5.6	15.8
142°	5.5	12.7
143°	5.6	9.8
144°	6.0	5.3
145°	6.2	3.9
146°	6.0	3.7
147°	5.6	3.6
148°	5.4	3.6
149°	5.1	3.7
150°	5.1	3.7
151°	4.8	3.5
152°	4.6	3.4
153°	5.1	3.3
154°	5.3	3.5
155°	5.5	3.7
156°	5.8	3.8
157°	6.0	4.1
158°	6.2	4.5
159°	6.2	4.9
160°	6.3	5.3
161°	6.4	5.6
162°	6.4	5.8
163°	6.4	6.1
164°	6.4	6.1
165°	6.5	6.3
166°	6.7	6.3
167°	6.9	6.3
168°	7.2	6.4
169°	7.4	6.7
170°	7.7	7.0
171°	7.9	7.2
172°	8.2	7.5
173°	8.4	7.8
174°	8.7	8.1
175°	8.9	8.3
176°	9.1	8.6
177°	9.3	8.8
178°	9.4	8.9
179°	9.6	9.0

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

Scaled Data Report



REPORT NUMBER: P670595
CATALOG NUMBER: WXPM80LSFSUNVDBZ-60W-5000K

CANDELA DISTRIBUTION (continued):

	330°	360°
180°	9.0	9.0

(END OF REPORT)