

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: P670613

Luminaire Tested: MWP40FSUNVDBZ-30W-3000K

Issue Date: 4/5/2023

Test Information

Test Method: LM-79-2019
Report Number: P670613
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (2022-07-24)
Test Lab: INNOVATION CENTER
Issue Date: 4/5/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: HALO
Catalog Number: MWP40FSUNVDBZ-30W-3000K
Description: MINI WALL PACK
Light Source: 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3772 lumens
Efficiency: N/A
Efficacy: 122.9 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.51' x L: 0.44' x H: 0.31')
IES Classification: Type IV - Short
BUG Rating: B1 - U3 - G3

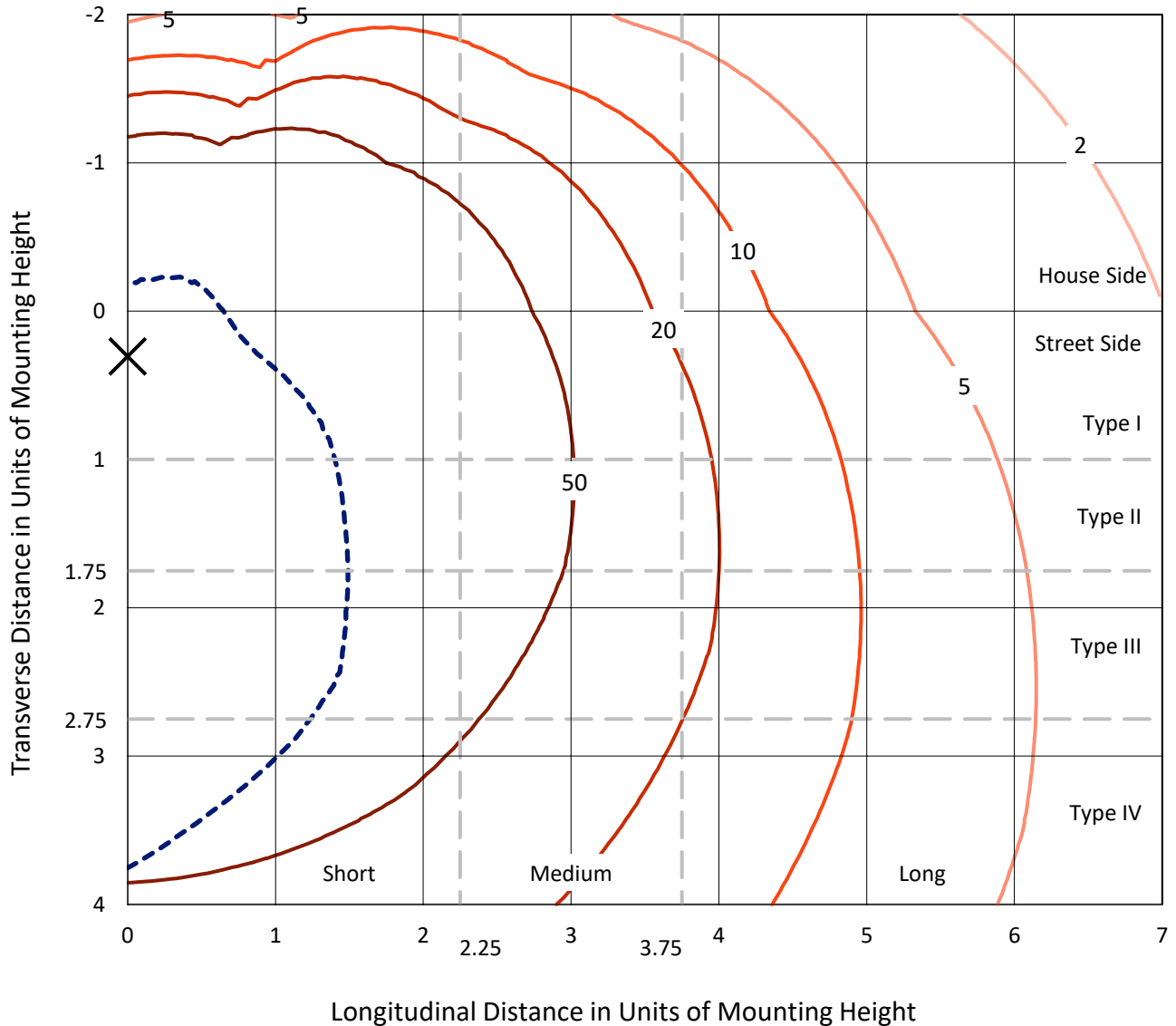
Input Watts (W): 30.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P670613
 CATALOG NUMBER: MWP40FSUNVDBZ-30W-3000K

Iso-Footcandle Lines of Horizontal Illumination

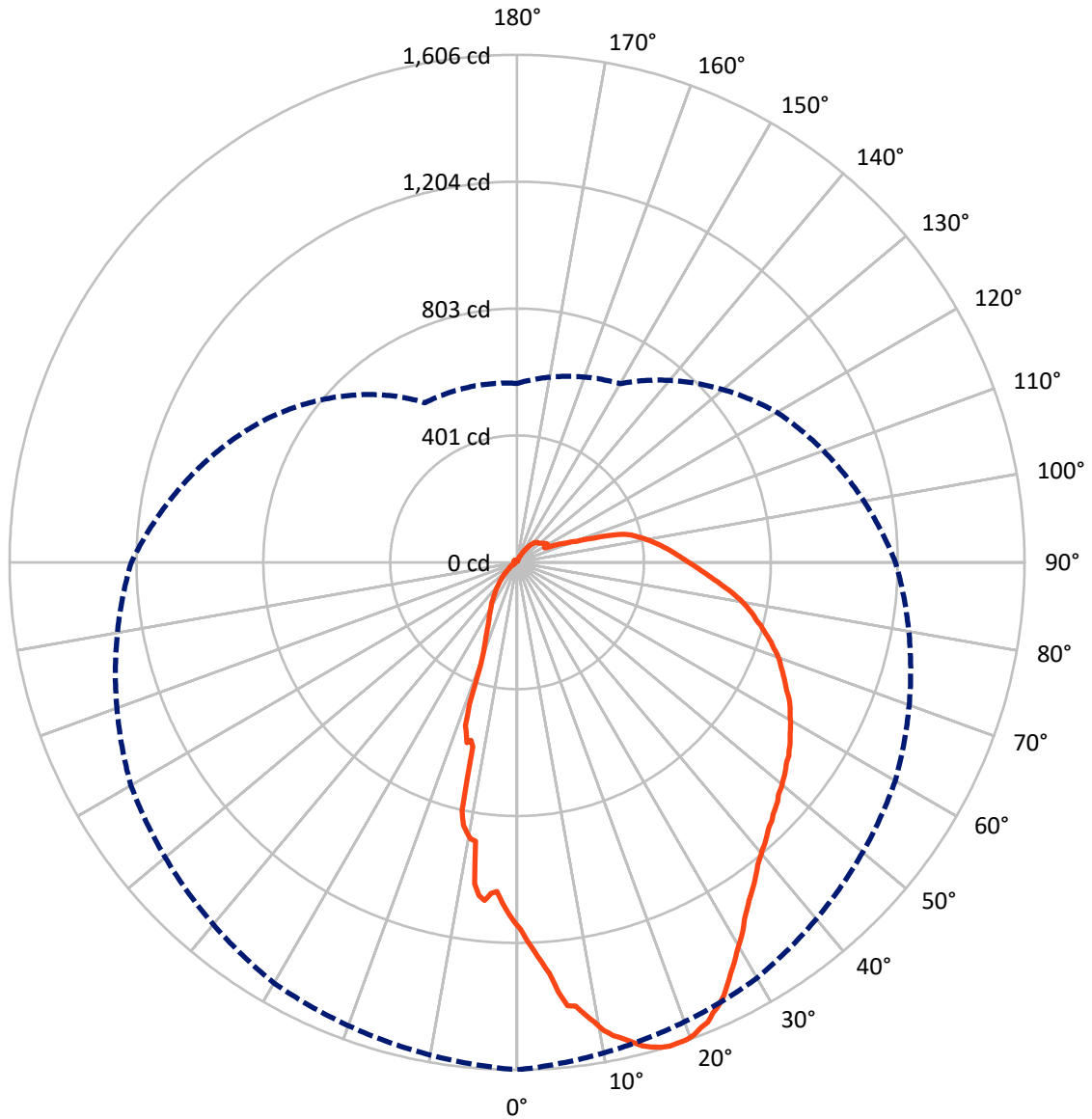
× Max cd
 - - - 1/2 Max cd



Based on 0.5 foot mounting height. Maximum calculated value = 5775 fc
 Type IV - Short - N/A

REPORT NUMBER: P670613
CATALOG NUMBER: MWP40FSUNVDBZ-30W-3000K

Luminous Intensity Polar Plot



— Vertical Plane Through 0-Deg Lateral - - - Horizontal Cone Through 17-Deg Vertical

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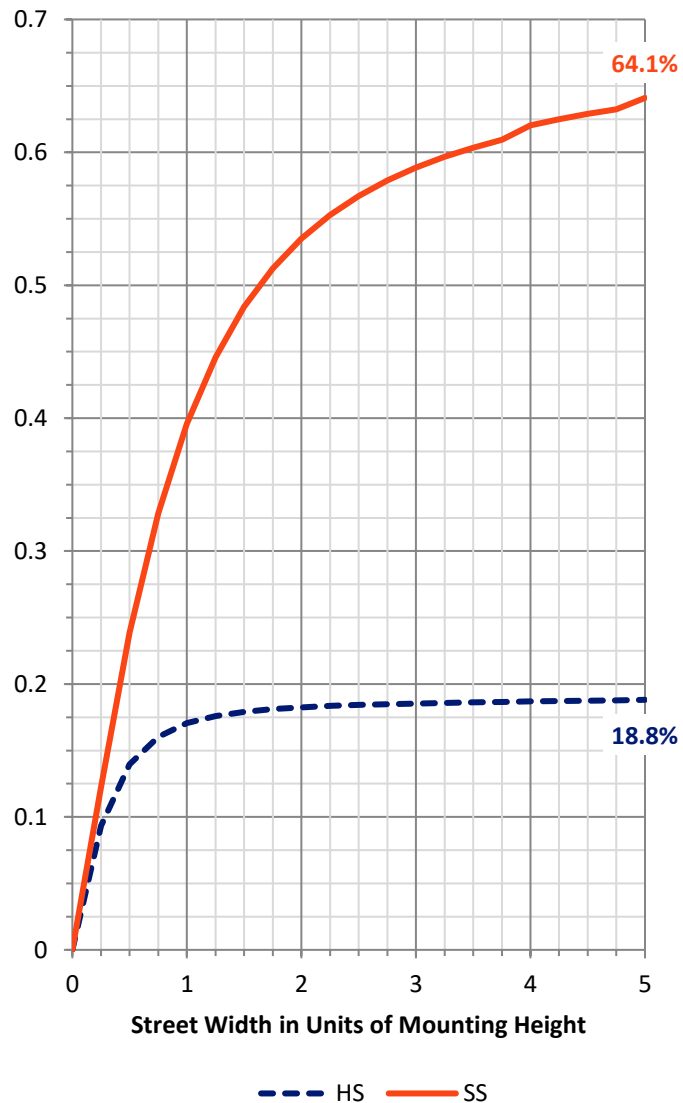
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	724.8	66.7	791.4
	% Fixture	19.2	1.8	21.0
Street Side	Lumens	2576.1	404.4	2980.6
	% Fixture	68.3	10.7	79.0
Total	Lumens	3300.9	471.1	3772.0
	% Fixture	87.5	12.5	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	115.1	3.1
10°-20°	327.0	8.7
20°-30°	433.1	11.5
30°-40°	450.2	11.9
40°-50°	461.9	12.2
50°-60°	461.2	12.2
60°-70°	423.8	11.2
70°-80°	354.9	9.4
80°-90°	273.8	7.3
90°-100°	204.2	5.4
100°-110°	127.2	3.4
110°-120°	59.2	1.6
120°-130°	37.5	1.0
130°-140°	23.7	0.6
140°-150°	12.4	0.3
150°-160°	4.6	0.1
160°-170°	1.8	0.0
170°-180°	0.6	0.0
0°-90°	3300.9	87.5
0°-180°	3772.0	100.0

Coefficient of Utilization



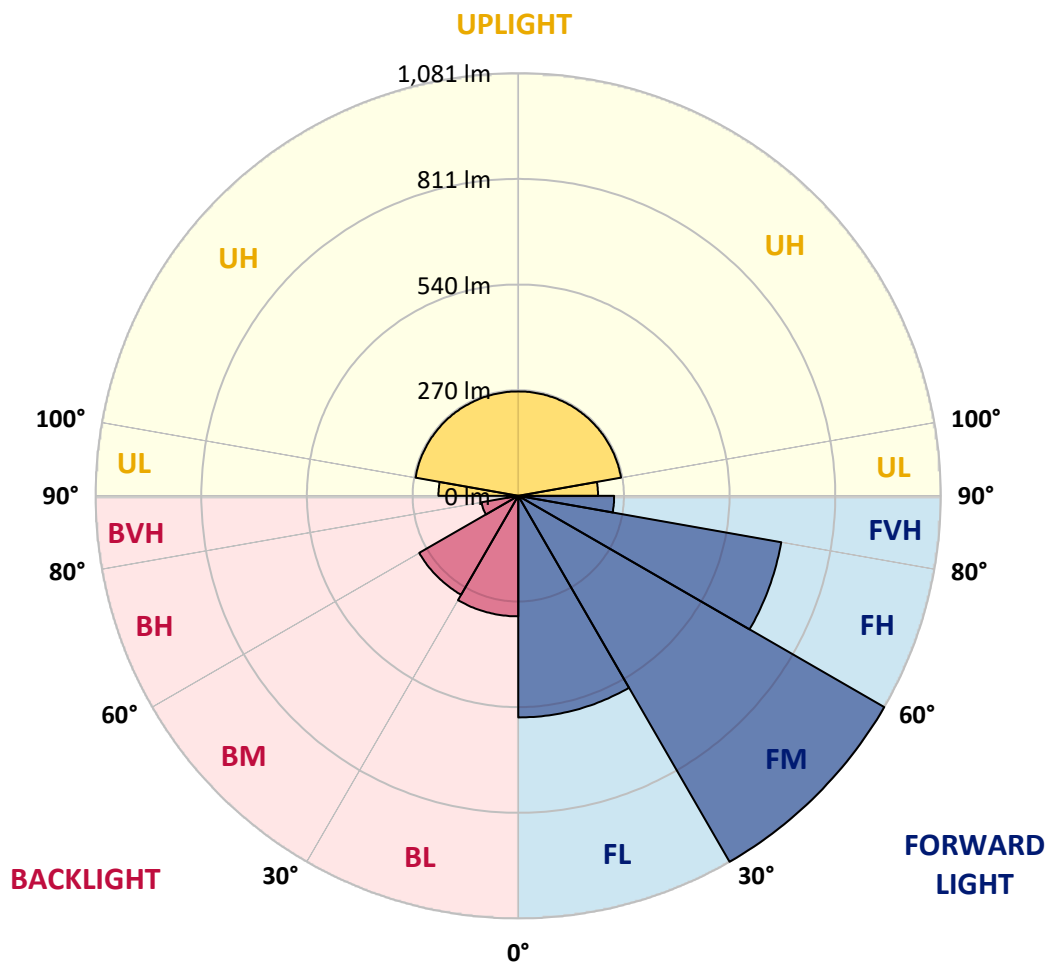
REPORT NUMBER: P670613
 CATALOG NUMBER: MWP40FSUNVDBZ-30W-3000K

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	566.9	15.0			
FM (30°-60°)	1080.9	28.7			
FH (60°-80°)	683.1	18.1			G1/1800
FVH (80°-90°)	245.2	6.5			G3/500
BL (0°-30°)	308.3	8.2	B1/500		
BM (30°-60°)	292.4	7.8	B1/1000		
BH (60°-80°)	95.5	2.5	B0/110		G0/110
BVH (80°-90°)	28.5	0.8			G1/100
UL (90°-100°)	204.2	5.4		U3/500	
UH (100°-180°)	266.9	7.1		U3/500	

BUG Rating: B1-U3-G3

Type IV Short





REPORT NUMBER: P670613

CATALOG NUMBER: MWP40FSUNVDBZ-30W-3000K

CANDELA DISTRIBUTION (FULL):

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
0°	1159.8	1159.8	1159.8	1159.8	1159.8	1159.8	1159.8	1159.8	1159.8	1159.8	1159.8
1°	1197.2	1177.5	1149.5	1175.0	1157.2	1143.3	1135.7	1123.5	1116.1	1181.2	1191.8
2°	1229.2	1211.6	1172.7	1178.6	1140.5	1118.7	1108.1	1098.1	1098.1	1185.5	1215.7
3°	1267.1	1243.6	1199.8	1188.4	1130.7	1092.6	1077.0	1072.6	1082.4	1195.8	1240.1
4°	1304.7	1279.5	1227.5	1192.4	1119.8	1065.5	1043.4	1039.8	1062.9	1209.3	1266.1
5°	1365.5	1315.3	1252.9	1199.8	1107.5	1037.0	1051.2	1010.6	1048.5	1218.9	1293.8
6°	1412.5	1384.3	1280.3	1210.7	1093.5	1064.7	1074.9	1034.3	1033.6	1231.6	1322.8
7°	1415.9	1412.1	1302.8	1216.9	1080.7	1085.9	1061.1	1046.5	1019.6	1243.3	1344.0
8°	1445.7	1415.6	1327.8	1226.0	1066.5	1071.0	1026.0	1037.8	1004.7	1245.2	1365.9
9°	1474.3	1434.8	1351.5	1231.7	1063.5	1054.0	891.8	998.7	995.5	1254.8	1390.0
10°	1506.1	1458.8	1388.7	1231.3	1093.9	949.4	887.8	938.3	1023.8	1259.2	1412.6
11°	1528.3	1481.5	1401.5	1234.0	1096.8	910.3	869.8	846.3	1049.9	1261.8	1441.8
12°	1543.2	1493.5	1404.8	1234.4	1081.2	923.1	849.5	866.7	1031.4	1260.5	1447.6
13°	1561.7	1504.3	1399.1	1233.3	1061.3	887.9	804.4	831.7	1017.6	1261.5	1441.2
14°	1580.8	1512.2	1395.9	1228.8	1028.0	844.9	600.0	783.8	970.9	1255.6	1429.6
15°	1591.5	1520.4	1395.9	1225.4	1011.0	801.3	581.1	714.2	950.5	1245.7	1421.3
16°	1600.5	1522.7	1391.9	1210.8	976.7	654.1	592.2	608.1	918.5	1233.5	1420.9
17°	1605.8	1518.5	1381.9	1197.0	949.2	652.6	566.1	583.0	910.9	1220.8	1411.0
18°	1603.9	1522.0	1373.0	1182.7	935.2	635.8	542.5	586.8	902.2	1203.4	1395.8
19°	1603.2	1512.8	1355.6	1162.9	924.9	600.3	474.6	556.2	892.4	1182.0	1379.1
20°	1597.1	1505.6	1336.8	1144.8	904.3	566.5	346.4	515.2	882.1	1157.5	1361.1
21°	1583.6	1489.6	1316.7	1122.4	884.8	523.0	302.5	462.1	871.7	1138.9	1339.4
22°	1576.0	1476.0	1290.9	1093.1	866.3	462.9	278.7	407.3	853.6	1111.5	1314.0
23°	1554.5	1454.3	1271.1	1070.0	840.2	410.2	257.9	377.1	834.7	1078.2	1289.1
24°	1540.1	1438.9	1243.8	1040.6	812.8	381.5	239.5	353.2	813.3	1053.8	1265.8
25°	1519.5	1416.9	1216.7	1012.6	788.7	356.4	223.5	332.6	788.6	1024.0	1237.3
26°	1492.9	1395.8	1193.6	983.5	759.8	331.9	210.0	311.6	757.3	991.0	1212.0
27°	1464.4	1370.7	1166.9	955.7	728.4	306.7	198.7	289.6	725.2	958.2	1184.4
28°	1440.4	1347.2	1140.4	926.3	695.6	284.0	188.5	267.6	693.9	929.8	1157.6
29°	1413.4	1320.8	1117.1	898.0	667.3	261.3	179.0	246.2	662.9	900.3	1134.9
30°	1391.3	1295.6	1092.6	870.4	638.3	242.1	169.6	229.7	631.8	870.5	1107.0
31°	1367.6	1270.6	1070.6	843.7	607.1	224.7	161.5	215.8	601.0	842.6	1085.6
32°	1338.8	1249.3	1048.1	816.6	578.6	209.9	153.3	203.6	570.3	816.5	1063.9
33°	1318.4	1221.7	1028.1	789.3	550.3	197.2	145.6	193.1	539.2	790.7	1042.8
34°	1296.8	1200.6	1009.7	767.6	525.7	185.9	137.4	183.1	509.6	766.1	1020.9
35°	1279.2	1182.5	989.1	740.9	500.3	175.9	129.5	173.9	481.2	743.3	999.4
36°	1261.5	1165.7	972.0	721.1	476.0	166.6	122.0	164.6	457.2	722.4	987.4
37°	1243.1	1146.3	960.2	703.4	453.3	158.1	115.0	155.8	433.4	702.6	971.8
38°	1223.4	1130.9	945.4	686.1	432.1	149.7	108.0	147.2	412.4	687.8	955.8
39°	1209.5	1117.3	934.0	671.4	413.5	141.7	101.3	138.6	394.6	675.6	946.8
40°	1195.7	1106.0	924.9	659.9	395.6	133.8	95.0	130.0	379.2	663.0	937.2
41°	1184.3	1092.6	914.4	650.2	380.1	126.2	88.5	122.2	364.7	652.0	925.2
42°	1171.1	1083.5	906.9	638.2	366.5	118.4	82.8	114.3	352.1	641.9	917.6
43°	1156.9	1072.1	900.8	630.3	353.9	111.6	77.1	107.1	339.8	633.6	910.1
44°	1149.2	1062.7	893.6	620.2	342.9	104.3	72.6	100.0	328.1	626.0	906.7



REPORT NUMBER: P670613

CATALOG NUMBER: MWP40FSUNVDBZ-30W-3000K

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
45°	1136.5	1053.7	890.8	612.5	330.7	98.4	67.5	94.1	316.1	614.6	896.6
46°	1127.6	1046.2	882.0	602.7	319.1	91.8	62.8	88.1	305.4	603.3	890.5
47°	1118.6	1038.3	878.9	591.6	307.6	85.4	57.8	82.4	293.9	595.7	880.4
48°	1104.8	1030.2	871.7	583.1	295.7	79.7	52.6	77.0	283.4	584.4	873.6
49°	1098.7	1021.7	866.4	574.7	286.0	72.2	47.0	71.1	272.4	574.8	866.1
50°	1089.5	1015.8	860.9	565.1	273.7	67.2	42.5	66.1	263.0	564.4	857.3
51°	1081.7	1007.9	848.7	553.2	263.2	60.5	37.9	60.7	253.0	552.2	852.5
52°	1071.4	1000.3	842.5	543.6	252.5	55.3	34.7	56.1	241.9	540.7	844.3
53°	1061.4	992.3	834.8	532.7	241.5	50.0	31.6	51.8	231.4	529.7	833.8
54°	1056.0	984.3	823.9	521.1	231.5	45.8	29.6	48.0	221.7	516.0	826.1
55°	1045.1	975.8	813.1	509.2	220.7	41.4	27.6	44.1	211.9	505.1	813.8
56°	1035.8	967.8	803.8	495.1	210.8	37.8	26.0	41.0	201.9	492.4	805.9
57°	1024.1	957.7	793.3	483.2	200.4	34.7	23.8	37.9	192.1	478.2	791.7
58°	1014.6	946.8	784.7	471.6	190.7	31.6	21.6	35.0	182.8	464.6	778.8
59°	1004.5	941.7	773.3	459.7	180.7	29.3	19.5	32.6	173.5	451.2	765.6
60°	992.9	929.7	762.7	447.2	170.9	27.1	17.6	30.2	165.3	437.7	753.8
61°	982.8	919.3	750.8	434.0	161.7	25.4	15.9	28.0	156.5	422.2	742.4
62°	973.5	908.5	739.5	421.8	153.2	24.1	14.2	26.2	149.1	408.9	731.8
63°	961.5	897.5	726.5	408.1	145.4	22.7	12.7	24.5	141.4	395.2	721.3
64°	945.5	887.5	711.6	394.6	137.2	21.4	11.4	23.0	133.7	380.3	707.7
65°	933.7	874.7	699.4	380.1	129.3	20.3	10.3	21.6	126.5	365.6	695.5
66°	922.1	862.8	685.7	362.8	122.5	19.3	9.4	20.3	120.0	351.8	683.7
67°	909.4	850.0	672.4	351.2	116.4	18.2	8.7	19.0	114.1	337.2	668.8
68°	897.5	834.4	657.2	336.0	110.5	17.0	8.2	17.9	108.3	323.3	654.2
69°	886.7	821.4	641.3	322.0	105.3	16.1	7.9	16.9	103.2	308.3	640.6
70°	873.0	805.8	624.6	307.3	100.6	15.3	7.7	16.2	98.8	295.9	626.5
71°	856.9	789.8	607.7	293.8	96.3	14.9	7.4	15.8	95.0	282.5	608.7
72°	843.2	777.8	590.9	280.2	92.4	14.5	7.1	15.5	91.3	269.2	591.0
73°	827.1	761.7	574.8	266.6	89.0	14.2	6.8	15.2	87.8	256.1	573.3
74°	810.9	745.5	559.7	254.1	85.5	14.0	6.6	15.0	84.5	244.9	556.3
75°	796.3	731.9	543.4	242.4	82.4	13.7	6.4	14.8	81.4	233.9	540.2
76°	778.0	716.4	527.3	231.8	79.6	13.5	6.3	14.5	78.7	222.9	523.5
77°	765.2	702.8	513.0	221.3	77.0	13.3	6.2	14.3	76.1	213.4	508.7
78°	749.5	685.6	498.8	212.2	74.5	13.1	6.1	14.2	73.7	204.1	495.9
79°	732.6	672.3	483.3	202.3	72.1	13.0	6.0	14.0	71.8	195.8	479.6
80°	715.4	654.8	469.3	194.0	70.3	12.8	6.0	13.9	69.7	186.7	464.9
81°	695.6	637.3	453.8	185.5	68.3	12.7	6.0	13.9	68.1	179.5	448.7
82°	676.6	617.9	438.9	177.6	66.6	12.7	5.9	13.8	66.4	171.9	432.9
83°	655.5	600.0	423.6	170.7	65.1	12.8	6.0	13.8	65.0	164.9	417.3
84°	636.4	583.6	407.8	163.7	63.4	12.8	6.0	13.9	63.6	158.9	402.6
85°	616.7	564.6	393.1	157.3	61.9	12.8	6.2	14.0	62.3	153.0	390.3
86°	599.2	547.1	380.2	151.1	60.3	12.8	6.3	14.1	60.9	147.2	376.1
87°	582.1	531.4	368.0	145.1	58.9	12.8	6.3	14.1	59.7	141.8	364.5
88°	566.0	516.2	355.2	139.6	57.7	12.8	6.5	14.2	58.5	136.3	351.5
89°	551.8	503.2	345.2	134.2	56.4	13.0	6.6	14.3	57.3	130.9	340.4



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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
90°	535.9	489.8	333.4	129.1	54.9	13.1	6.8	14.4	56.0	125.8	330.6
91°	522.5	475.3	323.4	124.2	53.6	13.2	7.0	14.5	55.1	121.6	321.0
92°	509.4	463.0	314.2	119.8	52.7	13.4	7.1	14.7	54.1	117.5	311.4
93°	497.4	451.1	303.9	115.6	51.5	13.5	7.3	14.8	52.7	113.5	300.8
94°	485.4	438.2	295.1	111.4	50.0	13.1	7.3	14.4	51.3	109.6	292.6
95°	472.0	427.0	285.2	107.5	48.9	12.7	7.1	14.2	50.4	105.6	283.6
96°	460.1	415.0	275.9	103.8	47.9	12.5	7.2	14.3	49.3	101.5	273.8
97°	448.0	403.7	266.3	100.0	47.0	12.4	7.3	14.3	48.3	97.8	263.9
98°	435.2	392.3	257.1	96.1	46.0	12.4	7.4	14.3	47.5	94.0	255.1
99°	422.6	382.0	248.2	92.5	45.0	12.4	7.5	14.3	46.6	90.4	246.2
100°	410.3	368.9	238.8	88.9	44.0	12.4	7.7	14.2	45.6	86.8	237.2
101°	396.9	357.5	229.2	84.9	43.1	12.3	7.7	14.1	44.7	82.9	228.1
102°	383.9	341.9	218.9	81.2	42.1	12.2	7.8	13.9	43.6	79.4	219.2
103°	371.0	314.7	206.1	77.4	41.0	12.2	7.9	13.7	42.5	75.8	210.1
104°	353.3	282.9	191.2	73.3	39.9	12.3	8.1	13.7	41.4	72.1	200.6
105°	327.6	247.0	171.8	69.2	38.6	12.4	8.3	13.8	40.2	68.5	191.5
106°	293.8	220.2	152.5	65.5	37.1	12.4	8.7	13.8	39.0	64.7	181.5
107°	256.9	202.2	135.7	60.8	35.4	12.3	9.0	13.7	37.5	60.4	170.5
108°	229.4	192.2	119.4	56.9	33.9	12.2	9.6	13.7	36.3	56.6	158.8
109°	198.5	183.2	108.2	52.3	32.4	12.1	10.0	13.6	34.9	53.2	144.0
110°	185.6	169.9	100.1	48.2	30.9	11.9	10.4	13.4	33.7	50.1	131.7
111°	167.6	149.4	95.6	44.5	29.3	11.8	10.6	13.4	32.3	47.6	121.1
112°	154.8	132.8	92.6	41.5	27.9	11.8	10.8	13.3	31.1	45.2	113.0
113°	142.9	119.1	88.6	38.4	26.6	11.7	10.8	13.2	30.0	42.9	106.3
114°	128.8	114.8	85.7	35.9	25.3	11.5	10.8	13.1	28.9	40.7	99.3
115°	114.8	116.3	83.1	33.9	24.1	11.2	10.8	12.9	27.8	38.5	91.5
116°	104.9	122.0	79.4	32.0	22.8	11.1	10.6	12.7	26.7	36.4	84.7
117°	98.2	126.6	74.5	30.1	21.8	11.0	10.5	12.6	25.8	34.6	77.3
118°	98.7	125.7	68.9	28.7	20.9	10.9	10.4	12.5	25.0	33.1	70.5
119°	109.9	123.1	63.8	27.2	20.1	11.0	10.2	12.4	24.2	31.9	64.8
120°	111.7	119.8	58.7	26.0	19.5	11.0	9.9	12.3	23.4	30.8	59.6
121°	112.0	115.7	54.3	25.1	18.9	10.9	9.3	12.1	22.7	29.9	55.1
122°	110.7	111.7	50.3	24.4	18.0	10.8	9.1	11.9	21.9	29.2	51.1
123°	107.8	107.5	46.8	23.5	17.1	10.7	8.9	11.7	21.1	28.3	47.5
124°	105.2	103.4	43.3	23.1	16.3	10.4	9.2	11.5	20.6	27.5	44.1
125°	103.6	100.1	40.2	22.4	15.7	10.2	9.2	11.4	20.1	26.7	41.0
126°	101.7	96.8	38.4	21.7	15.2	10.0	8.9	11.2	19.6	26.0	37.8
127°	99.0	94.1	36.4	21.0	14.7	9.8	8.9	11.1	19.1	25.2	35.0
128°	96.6	91.6	34.0	20.5	14.2	9.6	8.7	10.9	18.6	24.6	32.3
129°	94.0	89.3	31.7	20.1	13.6	9.5	8.8	10.7	18.1	24.1	29.7
130°	92.1	87.3	29.6	19.7	13.0	9.4	8.4	10.4	17.6	23.5	27.4
131°	90.8	85.1	27.7	19.2	12.2	9.4	8.2	10.0	17.2	23.1	25.1
132°	90.1	82.9	26.3	18.8	11.9	9.5	8.1	10.1	16.7	22.9	23.1
133°	90.1	80.3	24.9	18.7	11.6	9.6	8.0	10.2	16.4	22.5	21.2
134°	89.5	77.4	23.4	18.3	11.5	9.7	8.1	10.3	16.0	22.1	19.7



REPORT NUMBER: P670613

CATALOG NUMBER: MWP40FSUNVDBZ-30W-3000K

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
135°	88.6	74.3	22.3	17.6	11.8	9.6	8.3	10.2	15.7	21.7	18.6
136°	87.1	71.0	21.2	17.4	12.0	9.5	8.5	9.9	15.2	21.4	17.6
137°	85.1	66.9	20.1	17.4	12.2	9.4	8.5	10.1	14.5	21.1	16.6
138°	82.5	62.7	18.6	17.3	12.2	9.2	8.3	10.1	13.9	20.8	15.6
139°	79.4	58.6	17.3	17.8	12.0	9.2	7.9	10.0	13.1	20.6	14.8
140°	75.9	54.6	16.2	18.1	11.5	9.1	7.6	9.9	12.6	20.1	14.1
141°	71.5	50.9	15.1	18.3	11.2	9.0	7.6	9.8	12.1	19.8	13.5
142°	66.9	47.2	14.1	18.4	11.0	9.0	7.6	9.7	11.7	19.5	13.0
143°	62.3	43.7	13.3	18.4	10.6	9.1	7.6	9.9	11.3	19.2	12.7
144°	57.9	40.0	12.8	18.2	10.7	8.9	7.7	9.7	11.0	19.0	12.8
145°	53.6	36.1	12.5	18.2	10.5	8.8	7.7	9.5	10.5	19.1	13.0
146°	49.5	32.6	12.6	18.4	10.4	8.6	7.8	9.2	10.0	19.2	13.4
147°	45.4	29.5	12.9	18.6	10.1	8.3	8.1	8.8	9.4	19.6	13.7
148°	41.2	26.6	12.9	19.1	9.8	8.1	8.1	8.1	8.7	19.8	13.7
149°	37.1	23.9	12.2	19.1	9.4	8.0	8.1	7.8	8.1	19.6	13.2
150°	33.3	20.4	11.0	18.9	8.9	7.9	8.1	7.7	7.7	19.1	12.2
151°	29.4	17.6	10.0	18.3	8.4	7.7	8.0	7.7	7.5	18.3	11.2
152°	26.5	14.9	9.2	17.4	8.1	7.6	8.0	7.9	7.6	17.3	10.4
153°	23.6	12.6	9.0	16.3	7.9	7.7	8.0	8.0	7.3	16.1	9.9
154°	20.9	10.0	9.1	15.0	7.8	7.6	8.0	7.8	7.4	14.6	9.7
155°	18.6	6.6	8.5	13.4	7.6	7.5	8.0	7.4	7.5	12.9	8.8
156°	16.4	4.9	7.3	11.8	7.4	7.5	7.9	7.4	7.4	11.2	7.5
157°	13.5	4.2	5.9	10.4	7.2	7.5	7.7	7.3	7.2	9.8	6.2
158°	8.6	4.1	5.2	9.2	7.0	7.6	7.7	7.2	7.2	8.6	5.6
159°	5.4	4.1	5.0	8.0	7.0	7.5	7.7	7.1	7.0	7.4	5.4
160°	4.1	4.2	4.7	6.8	6.9	7.5	7.6	7.1	6.9	6.4	5.2
161°	4.1	4.3	4.6	6.4	6.9	7.5	7.4	7.1	6.8	6.2	5.1
162°	4.3	4.4	4.6	6.5	6.9	7.4	7.3	7.0	6.6	6.2	5.2
163°	4.5	4.7	4.6	6.3	7.0	7.3	7.2	7.0	6.4	6.1	5.3
164°	4.7	5.1	4.7	6.3	7.1	7.3	7.1	7.0	6.4	6.4	5.4
165°	4.9	5.5	4.8	6.7	7.1	7.2	7.1	6.9	6.3	6.9	5.6
166°	5.2	6.4	4.9	7.4	7.2	7.2	7.1	6.9	6.3	7.6	5.7
167°	5.4	7.1	5.2	7.9	7.3	7.2	7.0	6.9	6.4	8.0	5.8
168°	5.1	7.3	5.6	7.9	7.3	7.2	7.0	6.9	6.5	7.8	6.2
169°	5.0	7.3	6.0	7.8	7.3	7.2	6.9	6.9	6.6	7.7	6.5
170°	5.1	6.9	6.0	7.8	7.3	7.2	6.9	6.9	6.6	7.6	6.5
171°	5.2	6.4	6.3	7.8	7.1	7.1	6.8	6.9	6.8	7.7	6.7
172°	5.3	5.7	6.4	8.0	6.9	7.1	6.8	7.0	7.0	7.9	7.0
173°	5.3	5.1	6.1	7.9	6.9	7.0	6.7	6.5	6.9	7.8	7.0
174°	5.3	5.1	5.6	7.5	6.9	6.8	6.8	6.7	6.4	7.2	6.6
175°	5.5	5.2	5.3	6.9	6.9	6.8	6.6	6.6	6.0	6.8	6.4
176°	5.6	5.3	5.3	6.8	6.9	6.7	6.5	6.4	6.1	6.8	6.5
177°	5.7	5.4	5.4	6.8	6.9	6.6	6.4	6.2	6.2	6.8	6.6
178°	5.8	5.5	5.4	6.9	6.8	6.6	6.3	6.0	5.9	6.9	6.6
179°	6.0	5.6	5.5	6.8	6.8	6.5	6.2	5.9	5.6	6.9	6.7



REPORT NUMBER: P670613
CATALOG NUMBER: MWP40FSUNVDBZ-30W-3000K

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
180°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1



REPORT NUMBER: P670613
CATALOG NUMBER: MWP40FSUNVDBZ-30W-3000K

CANDELA DISTRIBUTION (continued):

	330°	360°
0°	1159.8	1159.8
1°	1200.6	1197.2
2°	1234.1	1229.2
3°	1267.9	1267.1
4°	1304.1	1304.7
5°	1340.5	1365.5
6°	1396.6	1412.5
7°	1432.0	1415.9
8°	1435.9	1445.7
9°	1456.7	1474.3
10°	1475.4	1506.1
11°	1495.3	1528.3
12°	1514.5	1543.2
13°	1522.8	1561.7
14°	1534.2	1580.8
15°	1539.1	1591.5
16°	1539.4	1600.5
17°	1537.6	1605.8
18°	1532.7	1603.9
19°	1525.6	1603.2
20°	1513.5	1597.1
21°	1496.3	1583.6
22°	1479.6	1576.0
23°	1463.9	1554.5
24°	1441.0	1540.1
25°	1418.5	1519.5
26°	1396.0	1492.9
27°	1370.2	1464.4
28°	1343.1	1440.4
29°	1314.3	1413.4
30°	1289.0	1391.3
31°	1263.6	1367.6
32°	1239.0	1338.8
33°	1216.1	1318.4
34°	1196.9	1296.8
35°	1176.0	1279.2
36°	1157.7	1261.5
37°	1140.7	1243.1
38°	1125.8	1223.4
39°	1111.6	1209.5
40°	1102.2	1195.7
41°	1092.7	1184.3
42°	1077.5	1171.1
43°	1071.0	1156.9
44°	1058.6	1149.2



REPORT NUMBER: P670613
CATALOG NUMBER: MWP40FSUNVDBZ-30W-3000K

CANDELA DISTRIBUTION (continued):

	330°	360°
45°	1051.7	1136.5
46°	1041.2	1127.6
47°	1032.5	1118.6
48°	1025.5	1104.8
49°	1018.7	1098.7
50°	1015.6	1089.5
51°	1008.0	1081.7
52°	1004.4	1071.4
53°	995.1	1061.4
54°	985.8	1056.0
55°	976.9	1045.1
56°	964.8	1035.8
57°	955.3	1024.1
58°	946.0	1014.6
59°	936.8	1004.5
60°	924.5	992.9
61°	918.6	982.8
62°	906.8	973.5
63°	896.7	961.5
64°	887.7	945.5
65°	875.7	933.7
66°	863.3	922.1
67°	850.8	909.4
68°	838.9	897.5
69°	825.3	886.7
70°	811.7	873.0
71°	796.0	856.9
72°	779.5	843.2
73°	761.4	827.1
74°	744.4	810.9
75°	729.7	796.3
76°	717.0	778.0
77°	704.2	765.2
78°	689.8	749.5
79°	673.6	732.6
80°	655.1	715.4
81°	637.7	695.6
82°	618.3	676.6
83°	597.0	655.5
84°	579.0	636.4
85°	561.3	616.7
86°	544.4	599.2
87°	528.5	582.1
88°	512.4	566.0
89°	500.0	551.8



REPORT NUMBER: P670613
CATALOG NUMBER: MWP40FSUNVDBZ-30W-3000K

CANDELA DISTRIBUTION (continued):

	330°	360°
90°	486.8	535.9
91°	473.3	522.5
92°	461.4	509.4
93°	450.0	497.4
94°	438.0	485.4
95°	427.9	472.0
96°	416.7	460.1
97°	404.6	448.0
98°	393.8	435.2
99°	382.1	422.6
100°	369.0	410.3
101°	357.3	396.9
102°	338.7	383.9
103°	311.1	371.0
104°	277.4	353.3
105°	239.4	327.6
106°	215.2	293.8
107°	196.6	256.9
108°	188.2	229.4
109°	178.7	198.5
110°	167.4	185.6
111°	148.6	167.6
112°	129.2	154.8
113°	114.6	142.9
114°	112.1	128.8
115°	116.0	114.8
116°	118.6	104.9
117°	121.4	98.2
118°	121.1	98.7
119°	117.2	109.9
120°	113.0	111.7
121°	108.6	112.0
122°	104.6	110.7
123°	100.9	107.8
124°	97.3	105.2
125°	94.0	103.6
126°	91.0	101.7
127°	88.9	99.0
128°	87.3	96.6
129°	86.0	94.0
130°	84.3	92.1
131°	82.2	90.8
132°	79.6	90.1
133°	76.5	90.1
134°	73.5	89.5



REPORT NUMBER: P670613
CATALOG NUMBER: MWP40FSUNVDBZ-30W-3000K

CANDELA DISTRIBUTION (continued):

	330°	360°
135°	70.3	88.6
136°	66.4	87.1
137°	61.9	85.1
138°	57.7	82.5
139°	53.7	79.4
140°	49.9	75.9
141°	46.2	71.5
142°	42.8	66.9
143°	39.4	62.3
144°	36.0	57.9
145°	32.5	53.6
146°	29.3	49.5
147°	26.5	45.4
148°	23.8	41.2
149°	21.0	37.1
150°	17.9	33.3
151°	15.4	29.4
152°	13.0	26.5
153°	11.0	23.6
154°	8.2	20.9
155°	5.7	18.6
156°	4.5	16.4
157°	4.1	13.5
158°	4.2	8.6
159°	4.3	5.4
160°	4.4	4.1
161°	4.5	4.1
162°	4.7	4.3
163°	5.1	4.5
164°	5.6	4.7
165°	6.2	4.9
166°	6.8	5.2
167°	7.5	5.4
168°	7.9	5.1
169°	7.9	5.0
170°	7.3	5.1
171°	6.8	5.2
172°	6.1	5.3
173°	5.8	5.3
174°	5.9	5.3
175°	6.0	5.5
176°	6.1	5.6
177°	6.2	5.7
178°	6.3	5.8
179°	6.3	6.0

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

Scaled Data Report



REPORT NUMBER: P670613
CATALOG NUMBER: MWP40FSUNVDBZ-30W-3000K

CANDELA DISTRIBUTION (continued):

	330°	360°
180°	6.1	6.1

(END OF REPORT)