

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: P670597

Luminaire Tested: EWP15FSDBZ-13W-3000K

Issue Date: 4/4/2023

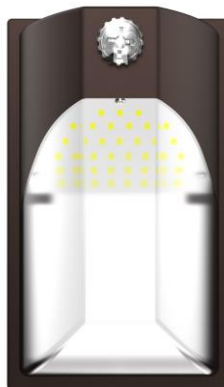
Test Information

Test Method: LM-79-2019
Report Number: P670597
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (2022-08-08)
Test Lab: INNOVATION CENTER
Issue Date: 4/4/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: HALO
Catalog Number: EWP15FSDBZ-13W-3000K
Description: ENTRY WALL PACK
Light Source: 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1566 lumens
Efficiency: N/A
Efficacy: 120.5 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.52' x L: 0.4' x H: 0.32')
IES Classification: Type IV - Short
BUG Rating: B0 - U3 - G2

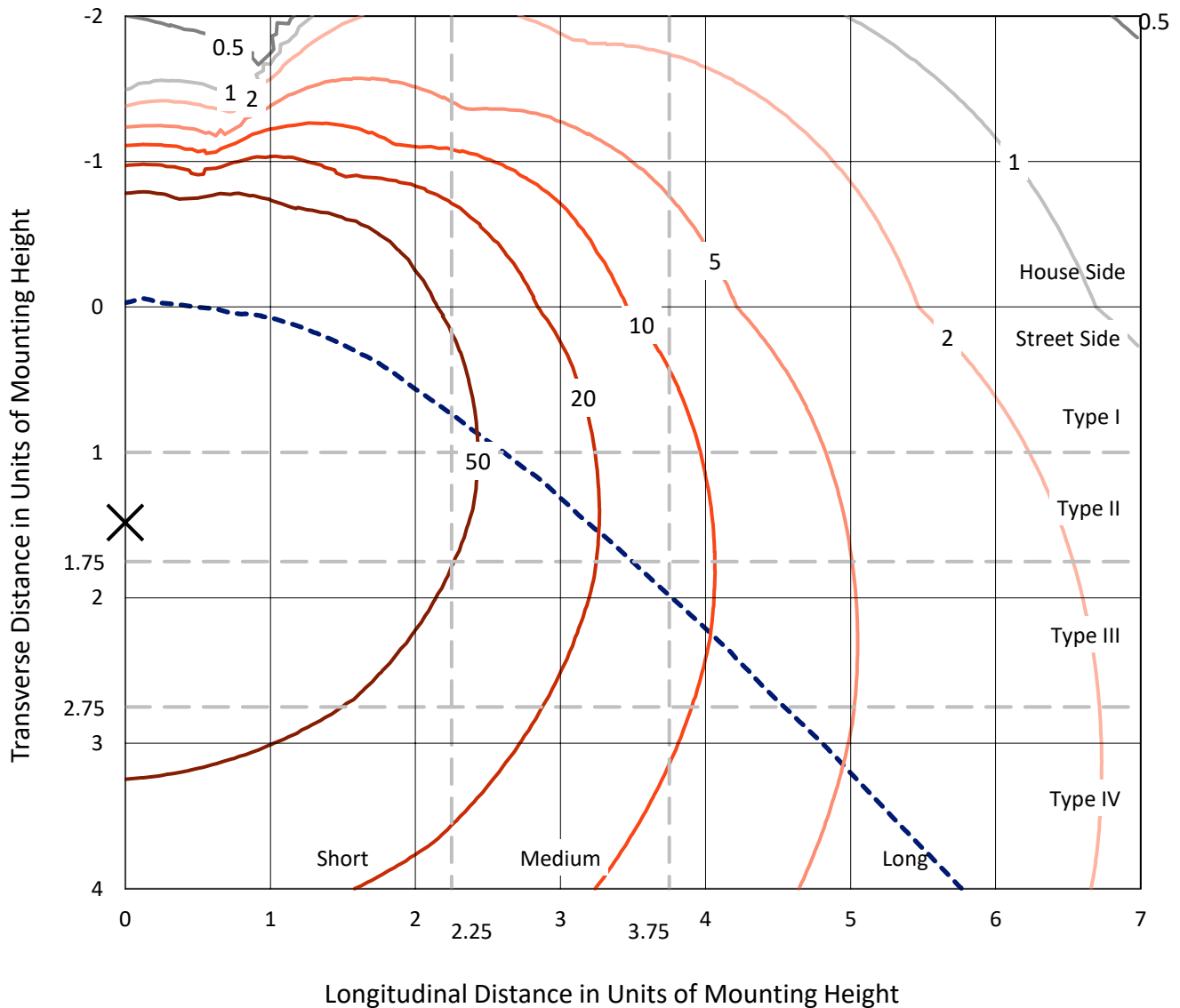
Input Watts (W): 13
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

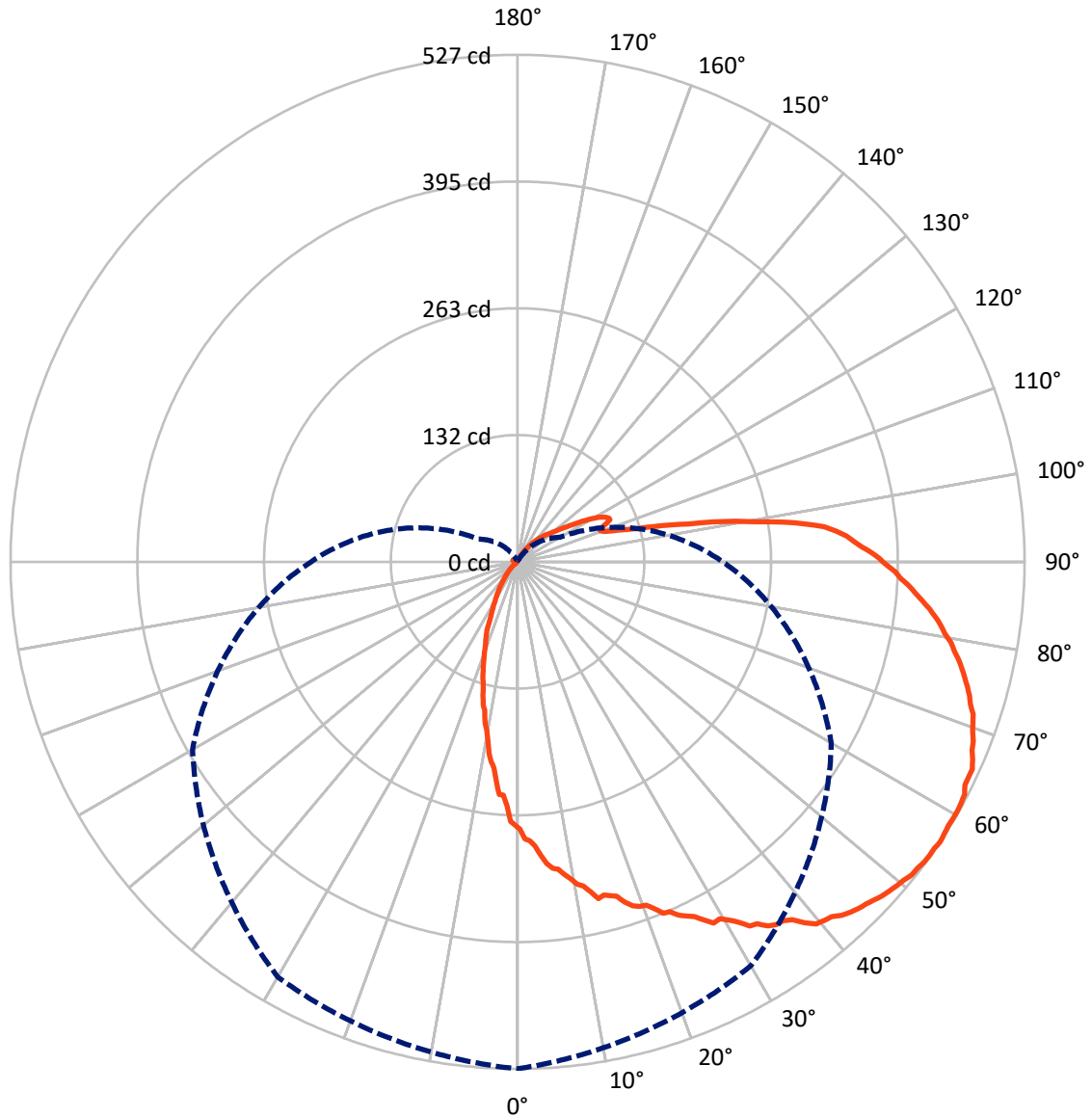
× Max cd
 - - - 1/2 Max cd



Based on 0.5 foot mounting height. Maximum calculated value = 1305.7 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 0-Deg Lateral - - - Horizontal Cone Through 56-Deg Vertical

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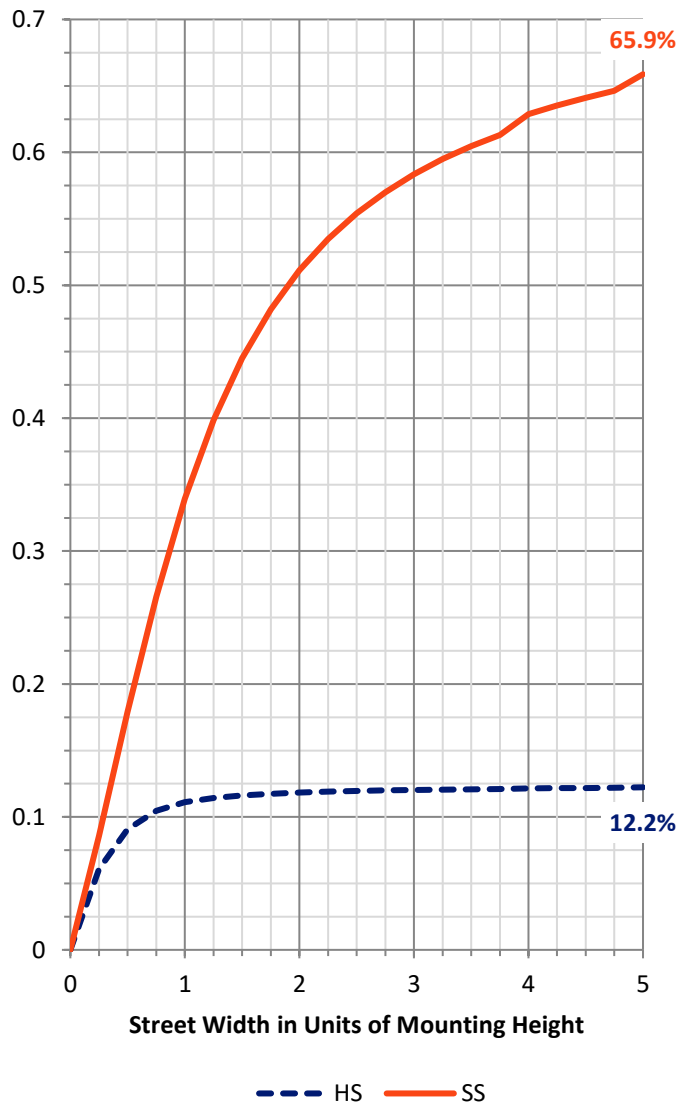
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	195.8	21.0	216.8
	% Fixture	12.5	1.3	13.8
Street Side	Lumens	1135.6	213.6	1349.2
	% Fixture	72.5	13.6	86.2
Total	Lumens	1331.4	234.6	1566.0
	% Fixture	85.0	15.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.2	1.7
10°-20°	72.7	4.6
20°-30°	112.3	7.2
30°-40°	151.6	9.7
40°-50°	188.4	12.0
50°-60°	210.6	13.5
60°-70°	213.0	13.6
70°-80°	195.4	12.5
80°-90°	161.2	10.3
90°-100°	116.0	7.4
100°-110°	53.7	3.4
110°-120°	32.5	2.1
120°-130°	17.5	1.1
130°-140°	9.0	0.6
140°-150°	3.9	0.3
150°-160°	1.3	0.1
160°-170°	0.5	0.0
170°-180°	0.2	0.0
0°-90°	1331.4	85.0
0°-180°	1566.0	100.0

Coefficient of Utilization

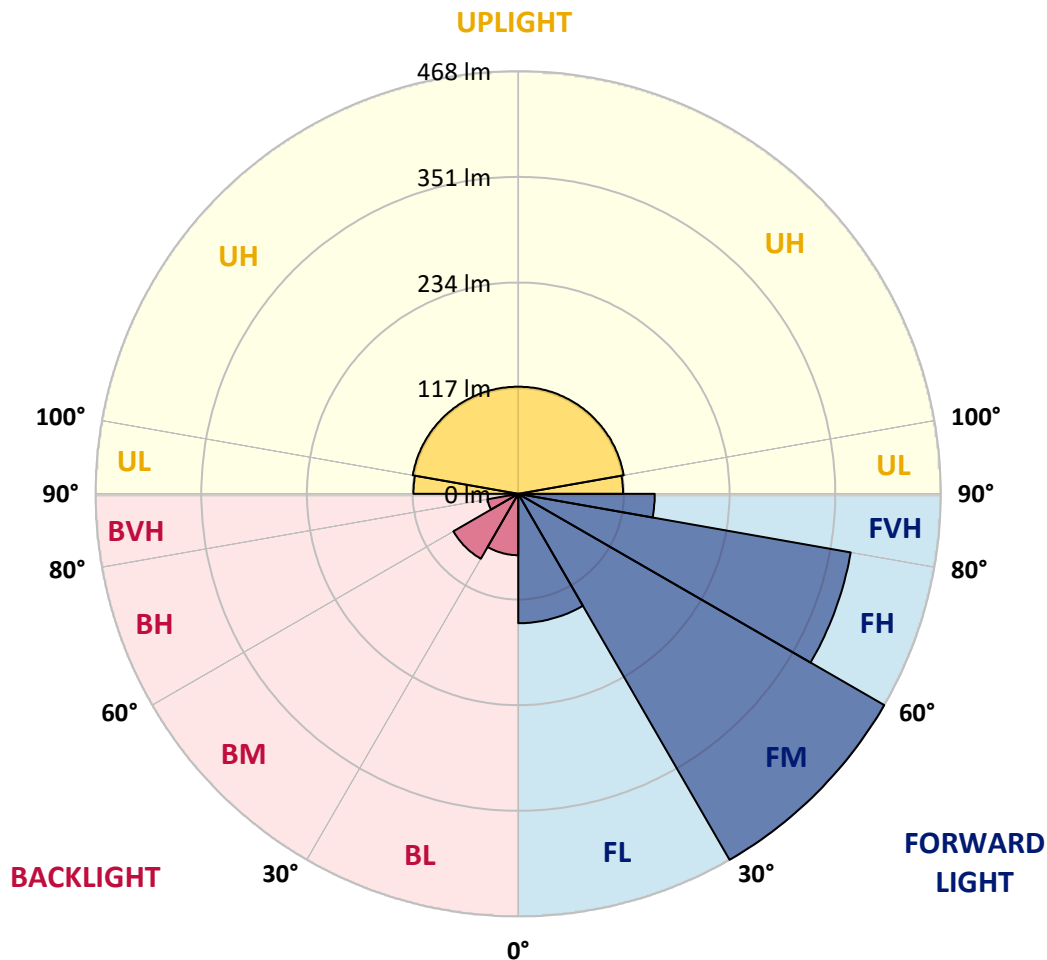


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	143.2	9.1			
FM (30°-60°)	467.7	29.9			
FH (60°-80°)	373.7	23.9			G0/660
FVH (80°-90°)	151.0	9.6			G2/225
BL (0°-30°)	68.0	4.3	B0/110		
BM (30°-60°)	82.9	5.3	B0/220		
BH (60°-80°)	34.7	2.2	B0/110		G0/110
BVH (80°-90°)	10.2	0.7			G1/100
UL (90°-100°)	116.0	7.4		U3/500	
UH (100°-180°)	118.6	7.6		U3/500	

BUG Rating: B0-U3-G2
 Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
0°	277.6	277.6	277.6	277.6	277.6	277.6	277.6	277.6	277.6	277.6	277.6
1°	287.8	283.3	281.8	280.0	275.3	270.2	273.9	272.2	271.2	278.7	285.4
2°	289.9	289.4	291.0	282.9	273.9	274.8	270.1	271.6	272.5	277.8	288.6
3°	295.7	297.2	292.8	285.7	278.8	264.5	253.5	259.0	269.2	280.3	288.4
4°	305.5	301.1	293.4	285.4	276.5	251.2	242.7	246.6	263.8	283.2	292.2
5°	314.8	307.2	300.8	285.6	269.2	242.0	242.6	238.3	255.9	278.4	288.5
6°	320.3	316.8	305.2	287.7	261.4	242.6	229.6	236.4	248.3	271.9	291.0
7°	322.1	323.6	309.2	294.1	254.1	233.8	215.8	222.9	243.4	273.1	297.0
8°	328.2	327.0	305.4	288.1	249.5	221.1	209.4	212.4	235.8	271.6	298.5
9°	333.9	323.2	310.2	282.2	248.5	211.5	201.0	202.2	230.3	273.4	293.9
10°	340.5	326.9	314.9	280.7	249.0	210.6	187.1	201.6	232.0	262.6	298.8
11°	343.7	338.4	316.2	280.4	250.3	201.2	177.0	185.6	218.9	259.2	298.8
12°	351.3	341.3	318.6	280.4	240.6	188.2	169.8	177.8	208.4	260.6	300.9
13°	359.9	344.7	316.5	278.8	229.7	182.1	157.5	171.8	200.9	264.4	302.8
14°	357.4	348.5	317.0	276.5	219.2	172.9	153.0	158.5	197.7	259.5	301.7
15°	359.8	351.3	319.1	280.4	209.9	160.3	143.5	148.3	191.1	254.4	307.5
16°	362.5	354.1	322.2	282.5	205.8	153.5	133.3	144.7	190.0	255.4	311.3
17°	370.8	365.3	320.1	279.9	202.2	143.7	126.9	133.6	185.2	255.4	311.1
18°	376.7	363.9	326.6	276.5	196.2	130.7	118.8	121.4	174.6	258.3	314.8
19°	379.8	364.5	329.2	276.7	187.5	125.1	111.9	119.1	168.7	248.4	316.4
20°	380.7	370.7	331.8	270.4	180.7	115.8	104.2	106.8	163.8	248.0	322.9
21°	387.2	378.8	336.4	271.4	176.3	110.3	96.2	99.9	158.7	248.4	323.4
22°	395.0	381.8	336.0	267.7	176.7	103.9	90.5	93.9	155.9	251.1	326.5
23°	396.4	382.5	339.1	268.9	171.3	97.3	85.9	89.5	146.1	247.9	326.7
24°	403.2	391.1	340.2	268.1	157.8	90.4	80.7	84.8	138.6	249.9	335.7
25°	407.8	396.1	340.9	269.1	150.3	83.3	75.6	79.1	133.9	251.5	333.4
26°	411.9	393.8	344.1	264.0	143.9	79.1	66.5	74.9	128.6	247.6	334.9
27°	419.5	393.7	347.1	261.2	138.9	74.4	61.2	70.7	127.6	247.6	343.9
28°	427.0	401.6	347.3	257.7	133.4	70.0	56.3	67.4	121.8	244.5	339.3
29°	426.2	411.9	352.4	258.3	129.0	65.7	52.4	61.5	117.7	243.9	347.5
30°	431.8	413.5	356.8	257.1	125.8	60.5	48.3	56.8	113.9	246.8	351.6
31°	439.0	417.0	354.8	255.8	120.4	56.7	44.9	53.4	110.7	248.5	351.4
32°	448.6	422.3	356.6	259.0	116.1	52.9	41.6	49.9	108.1	249.6	358.8
33°	450.8	424.8	362.9	256.3	112.2	49.1	38.3	46.5	105.2	248.2	365.0
34°	459.0	427.0	365.9	256.4	109.4	44.7	35.4	42.7	102.7	247.8	363.9
35°	462.8	433.5	367.2	255.1	106.1	41.3	32.8	39.4	99.4	245.0	372.9
36°	463.8	440.2	372.1	254.0	103.2	37.9	30.0	36.4	97.0	246.0	374.1
37°	468.5	444.4	371.6	248.9	99.4	35.1	27.3	33.5	94.6	247.2	373.2
38°	479.1	446.5	379.0	249.9	95.7	32.5	25.0	30.9	92.0	249.3	377.3
39°	487.6	447.6	376.2	247.8	93.1	29.8	22.9	28.8	90.1	251.2	380.8
40°	490.0	448.8	377.8	249.2	90.4	27.2	20.6	26.4	88.2	251.6	381.7
41°	492.3	453.0	377.8	248.3	87.0	24.9	18.6	23.8	86.0	247.8	385.8
42°	498.2	459.4	381.5	249.5	84.4	22.8	16.8	21.7	83.5	247.4	390.0
43°	501.9	465.2	383.2	247.0	81.6	20.9	15.0	19.6	81.1	246.8	391.0
44°	505.0	470.6	386.3	246.5	78.7	18.7	13.4	17.7	78.1	246.2	392.2



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 CATALOG NUMBER: EWP15FSDBZ-13W-3000K

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
45°	507.3	472.3	385.1	243.4	75.8	16.6	11.9	16.1	75.2	244.4	393.6
46°	510.5	474.8	386.3	241.1	73.1	14.8	10.5	14.5	72.9	243.8	393.6
47°	513.6	477.1	385.9	239.2	71.0	13.1	9.2	12.9	70.4	241.1	393.7
48°	515.9	476.2	386.9	236.7	68.4	11.7	8.1	11.5	68.0	238.1	395.2
49°	518.0	478.6	384.5	234.0	66.1	10.4	6.9	10.3	66.1	237.3	394.2
50°	519.8	479.7	385.4	231.1	64.0	9.1	5.9	9.0	64.0	235.3	395.0
51°	522.8	480.6	384.4	229.2	62.8	7.9	4.9	7.9	62.2	231.7	394.3
52°	523.2	482.0	383.1	225.4	59.2	6.9	4.0	6.9	60.8	230.0	393.3
53°	525.0	481.2	380.4	222.2	57.9	5.9	3.2	5.9	55.3	226.8	395.9
54°	525.4	481.0	378.5	218.7	54.6	5.0	2.5	5.0	52.2	223.2	394.5
55°	525.4	482.7	378.1	215.5	52.8	4.1	1.9	4.2	49.2	218.9	393.4
56°	526.7	484.5	376.2	213.1	50.8	3.4	1.5	3.5	47.0	214.6	389.8
57°	525.7	484.5	372.8	208.3	49.6	2.7	1.2	2.9	43.8	213.1	386.9
58°	524.8	482.5	368.7	203.4	46.5	2.1	1.2	2.3	41.8	207.7	384.6
59°	525.1	482.1	367.7	200.0	44.2	1.6	1.2	1.8	39.9	201.8	383.9
60°	525.0	478.4	363.4	197.4	42.7	1.3	1.2	1.4	38.6	195.2	380.1
61°	524.4	476.3	360.1	193.4	41.3	1.2	1.3	1.2	37.0	189.5	374.9
62°	523.4	474.7	358.4	187.6	39.6	1.2	1.3	1.2	35.6	184.9	372.1
63°	519.3	470.9	352.8	178.9	38.3	1.3	1.4	1.2	34.4	179.4	368.4
64°	519.1	468.7	348.7	172.0	36.9	1.3	1.4	1.2	33.2	175.2	363.7
65°	519.1	467.7	343.9	166.8	35.5	1.3	1.4	1.3	32.1	169.4	358.5
66°	515.4	464.4	338.7	161.9	34.2	1.4	1.5	1.3	31.0	164.0	354.5
67°	511.0	463.0	334.0	156.5	33.1	1.4	1.5	1.3	29.8	160.7	350.0
68°	508.7	457.6	329.1	149.8	32.0	1.5	1.5	1.4	28.9	154.3	345.9
69°	504.6	454.4	322.9	144.5	30.9	1.5	1.6	1.4	28.0	148.9	339.5
70°	501.7	449.2	319.3	140.2	29.9	1.5	1.6	1.5	27.1	142.9	334.0
71°	499.1	446.7	312.5	134.5	29.0	1.6	1.7	1.5	26.3	137.1	328.6
72°	493.3	441.9	308.2	130.9	28.2	1.6	1.7	1.6	25.7	131.2	323.3
73°	489.6	437.0	301.7	120.7	27.5	1.7	1.7	1.6	25.0	129.0	317.4
74°	484.8	433.9	293.8	115.6	26.8	1.7	1.8	1.7	24.4	118.0	310.2
75°	479.7	427.8	287.9	111.4	26.0	1.7	1.8	1.7	23.7	112.7	304.8
76°	474.8	419.2	280.5	105.2	25.4	1.8	1.9	1.7	23.2	108.1	298.1
77°	469.0	414.9	273.8	99.4	24.8	1.8	1.9	1.8	22.6	102.9	292.0
78°	462.9	409.5	267.1	95.2	24.1	1.9	1.9	1.8	22.0	97.4	283.4
79°	457.7	403.3	259.4	90.3	23.4	1.9	2.0	1.9	21.5	92.7	275.0
80°	449.8	395.9	253.8	83.3	22.8	2.0	2.0	1.9	21.1	87.6	265.4
81°	444.4	388.1	246.8	79.6	22.2	2.0	2.1	1.9	20.6	82.6	256.2
82°	437.6	382.5	239.9	75.1	21.5	2.0	2.1	2.0	20.1	78.6	248.6
83°	430.6	374.2	233.1	71.6	21.0	2.1	2.1	2.0	19.7	73.7	241.1
84°	422.4	368.1	227.0	68.4	20.4	2.1	2.2	2.0	19.3	69.7	233.1
85°	414.4	361.5	220.9	65.3	19.8	2.1	2.2	2.1	18.8	66.5	225.8
86°	407.2	353.7	214.8	62.6	19.4	2.2	2.3	2.1	18.4	63.1	217.9
87°	398.5	345.6	205.1	59.9	18.8	2.2	2.3	2.1	17.9	60.1	211.2
88°	392.3	336.8	196.4	57.6	18.3	2.3	2.3	2.1	17.5	57.3	203.6
89°	383.3	328.0	187.2	55.0	17.9	2.2	2.3	2.1	17.0	54.8	196.9



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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
90°	375.9	319.2	179.2	52.6	17.4	2.2	2.4	2.1	16.7	52.2	189.4
91°	367.7	312.0	171.7	50.6	17.0	2.2	2.4	2.2	16.3	50.0	182.3
92°	357.8	300.9	164.6	48.3	16.5	2.3	2.4	2.2	16.0	48.0	175.4
93°	349.6	294.7	157.9	46.1	16.2	2.4	2.5	2.3	15.6	46.2	168.8
94°	342.7	285.8	150.2	44.3	15.8	2.4	2.5	2.3	15.3	44.3	160.7
95°	332.4	276.2	141.1	42.4	15.4	2.5	2.6	2.4	15.0	42.6	154.1
96°	320.7	262.8	130.9	40.1	15.1	2.6	2.6	2.5	14.6	40.9	146.5
97°	301.4	242.6	121.2	38.0	14.7	2.7	2.7	2.6	14.3	39.1	140.9
98°	279.6	219.6	110.6	35.6	14.3	2.7	2.8	2.6	13.8	37.2	134.0
99°	252.2	198.0	99.7	33.2	13.8	2.8	2.9	2.7	13.4	35.2	122.7
100°	230.5	185.3	88.1	30.7	13.3	2.9	3.0	2.8	13.0	33.3	113.7
101°	207.8	171.4	78.3	28.6	12.9	3.0	3.2	2.8	12.6	31.2	103.4
102°	182.1	153.8	70.5	26.5	12.5	3.1	3.3	2.9	12.1	29.3	94.5
103°	163.9	138.9	64.3	24.7	12.0	3.3	3.5	3.0	11.7	27.3	86.9
104°	147.1	127.0	59.5	23.0	11.5	3.5	3.9	3.2	11.2	25.6	80.1
105°	129.2	117.3	55.7	21.4	11.0	3.6	4.3	3.3	10.8	24.0	74.5
106°	118.5	105.4	52.5	19.9	10.6	3.7	4.7	3.4	10.4	22.5	69.0
107°	109.1	94.7	49.9	18.6	10.1	3.7	5.1	3.5	9.9	21.2	64.6
108°	100.3	89.6	47.6	17.3	9.6	3.8	5.3	3.5	9.5	20.0	60.4
109°	94.6	89.4	45.5	16.1	9.2	3.9	5.2	3.6	9.2	18.9	56.3
110°	91.7	92.6	44.0	15.0	8.7	3.9	5.0	3.6	8.8	18.0	52.6
111°	92.2	95.2	42.4	14.0	8.3	3.9	4.9	3.6	8.4	17.1	49.3
112°	96.0	94.4	40.6	13.0	7.9	3.9	4.8	3.7	8.1	16.2	45.7
113°	101.5	92.6	38.6	12.1	7.5	3.9	4.7	3.7	7.8	15.3	42.4
114°	105.4	89.3	36.6	11.3	7.1	3.9	4.6	3.6	7.5	14.5	39.2
115°	105.2	86.0	34.5	10.6	6.7	3.8	4.4	3.6	7.2	13.7	36.3
116°	103.2	81.9	32.7	9.9	6.4	3.8	4.3	3.5	7.0	12.9	33.5
117°	100.5	77.9	30.8	9.3	6.2	3.8	4.2	3.5	6.8	12.3	31.1
118°	97.0	73.6	28.9	8.7	6.0	3.7	4.1	3.5	6.6	11.7	28.7
119°	92.2	69.4	27.1	8.1	5.7	3.5	4.1	3.4	6.4	11.2	26.6
120°	87.7	65.5	25.4	7.6	5.6	3.4	4.0	3.4	6.2	10.8	24.6
121°	82.1	61.4	23.7	7.1	5.4	3.4	3.6	3.3	6.1	10.4	22.7
122°	76.5	57.8	22.1	6.8	5.2	3.3	3.3	3.3	5.9	10.2	21.0
123°	71.6	54.6	20.7	6.4	5.1	3.3	3.2	3.2	5.8	9.8	19.4
124°	67.1	51.6	19.3	6.2	5.0	3.3	3.5	3.1	5.7	9.6	17.9
125°	62.9	49.0	18.0	6.0	4.8	3.2	3.4	3.1	5.6	9.4	16.4
126°	59.0	46.3	16.8	5.8	4.7	3.2	3.2	3.0	5.4	9.2	15.1
127°	55.5	44.2	15.7	5.7	4.6	3.1	3.2	3.0	5.3	9.1	13.9
128°	52.2	42.3	14.7	5.6	4.5	3.1	3.1	3.0	5.2	8.9	12.7
129°	49.3	40.8	13.7	5.6	4.4	3.0	3.0	2.9	5.0	8.7	11.6
130°	46.6	38.8	12.8	5.5	4.3	2.9	2.8	2.9	4.9	8.6	10.5
131°	44.3	36.9	11.9	5.5	4.3	2.9	2.7	2.8	4.7	8.4	9.6
132°	42.5	35.0	11.2	5.5	4.2	2.8	2.7	2.7	4.6	8.2	8.8
133°	40.6	33.1	10.5	5.5	4.3	2.8	2.7	2.7	4.5	8.1	8.1
134°	38.6	31.2	9.8	5.5	4.3	2.7	2.8	2.7	4.4	8.0	7.4



REPORT NUMBER: P670597
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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
135°	36.6	29.4	9.2	5.6	4.2	2.7	2.9	2.7	4.3	7.9	6.7
136°	34.7	27.2	8.4	5.7	4.1	2.7	2.9	2.7	4.2	7.9	6.2
137°	32.7	25.2	7.5	5.8	3.9	2.7	2.9	2.6	4.1	7.8	5.5
138°	30.9	23.2	6.6	6.0	3.7	2.6	2.7	2.6	4.0	7.7	5.0
139°	29.0	21.4	5.7	6.1	3.6	2.6	2.6	2.5	3.9	7.6	4.4
140°	26.8	19.6	5.0	6.1	3.5	2.5	2.5	2.5	3.8	7.5	4.0
141°	24.8	18.0	4.3	6.0	3.5	2.5	2.5	2.4	3.7	7.4	3.5
142°	22.8	16.4	3.6	6.0	3.5	2.5	2.4	2.4	3.5	7.3	3.2
143°	20.9	14.9	3.1	6.0	3.4	2.5	2.4	2.4	3.3	7.2	2.9
144°	19.2	13.5	2.7	6.0	3.3	2.6	2.4	2.4	3.2	7.2	2.7
145°	17.5	12.1	2.3	6.1	3.2	2.7	2.4	2.4	3.0	7.2	2.7
146°	15.9	11.0	2.1	6.1	3.1	2.7	2.4	2.3	2.8	7.1	2.7
147°	14.4	9.9	2.1	6.2	3.0	2.7	2.4	2.3	2.6	7.1	2.7
148°	13.0	9.0	2.0	6.1	2.9	2.6	2.3	2.3	2.4	7.1	2.7
149°	11.7	7.9	1.9	5.9	2.7	2.5	2.3	2.3	2.2	6.9	2.7
150°	10.5	6.7	1.7	5.5	2.6	2.4	2.3	2.2	2.1	6.5	2.6
151°	9.5	5.7	1.7	5.0	2.4	2.3	2.2	2.2	2.0	6.0	2.5
152°	8.5	4.8	1.6	4.6	2.3	2.3	2.2	2.1	2.0	5.5	2.4
153°	7.6	3.9	1.5	4.2	2.2	2.2	2.2	2.1	2.1	5.0	2.2
154°	6.8	2.7	1.5	3.8	2.2	2.2	2.2	2.1	2.1	4.6	2.1
155°	6.1	1.7	1.5	3.3	2.2	2.2	2.2	2.1	2.1	4.0	1.9
156°	5.4	1.2	1.4	2.7	2.1	2.2	2.2	2.1	2.0	3.3	1.8
157°	3.9	1.0	1.3	2.3	2.0	2.2	2.2	2.1	2.0	2.8	1.7
158°	2.3	1.0	1.3	2.0	2.0	2.3	2.1	2.1	1.9	2.3	1.5
159°	1.3	1.0	1.3	1.8	2.0	2.3	2.1	2.0	1.9	2.0	1.4
160°	1.0	0.9	1.4	1.7	2.0	2.3	2.1	2.0	1.8	1.8	1.4
161°	1.0	0.9	1.4	1.7	1.9	2.2	2.1	2.0	1.8	1.7	1.4
162°	1.0	1.0	1.4	1.7	1.9	2.2	2.0	1.9	1.7	1.7	1.4
163°	1.0	1.1	1.4	1.7	1.9	2.1	2.0	1.9	1.7	1.7	1.4
164°	1.1	1.2	1.3	1.7	2.0	2.1	2.0	1.9	1.7	1.7	1.4
165°	1.1	1.3	1.3	1.8	2.0	2.0	1.9	1.8	1.7	1.8	1.5
166°	1.3	1.4	1.3	2.0	2.0	1.9	1.9	1.8	1.7	2.0	1.4
167°	1.3	1.5	1.2	2.0	2.0	1.9	1.9	1.8	1.7	2.1	1.4
168°	1.2	1.6	1.2	1.9	1.9	1.9	1.8	1.8	1.7	2.2	1.5
169°	1.2	1.6	1.3	1.9	1.9	1.9	1.8	1.7	1.7	2.1	1.6
170°	1.2	1.5	1.3	1.9	1.8	1.9	1.8	1.7	1.7	2.0	1.6
171°	1.2	1.5	1.3	1.9	1.8	1.8	1.7	1.7	1.6	2.0	1.5
172°	1.3	1.3	1.2	1.9	1.8	1.8	1.7	1.6	1.5	2.0	1.6
173°	1.3	1.1	1.2	1.8	1.7	1.8	1.7	1.6	1.5	2.0	1.6
174°	1.2	1.2	1.2	1.7	1.7	1.7	1.8	1.6	1.6	1.9	1.6
175°	1.3	1.2	1.2	1.7	1.7	1.7	1.6	1.5	1.6	1.7	1.6
176°	1.3	1.2	1.3	1.7	1.7	1.7	1.6	1.5	1.5	1.7	1.6
177°	1.3	1.2	1.3	1.7	1.7	1.6	1.5	1.5	1.5	1.7	1.6
178°	1.4	1.3	1.3	1.7	1.7	1.6	1.5	1.5	1.5	1.7	1.6
179°	1.4	1.3	1.4	1.7	1.7	1.6	1.5	1.4	1.4	1.7	1.6



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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
180°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4



REPORT NUMBER: P670597
CATALOG NUMBER: EWP15FSDBZ-13W-3000K

CANDELA DISTRIBUTION (continued):

	330°	360°
0°	277.6	277.6
1°	286.0	287.8
2°	290.7	289.9
3°	294.9	295.7
4°	299.6	305.5
5°	305.5	314.8
6°	307.6	320.3
7°	315.3	322.1
8°	314.7	328.2
9°	317.8	333.9
10°	324.4	340.5
11°	330.5	343.7
12°	334.2	351.3
13°	335.0	359.9
14°	340.4	357.4
15°	347.2	359.8
16°	350.3	362.5
17°	354.8	370.8
18°	361.9	376.7
19°	360.7	379.8
20°	364.8	380.7
21°	374.4	387.2
22°	380.4	395.0
23°	378.3	396.4
24°	385.7	403.2
25°	393.4	407.8
26°	393.0	411.9
27°	399.6	419.5
28°	409.4	427.0
29°	418.7	426.2
30°	418.3	431.8
31°	424.4	439.0
32°	428.0	448.6
33°	431.1	450.8
34°	432.4	459.0
35°	439.0	462.8
36°	445.7	463.8
37°	451.6	468.5
38°	455.5	479.1
39°	457.5	487.6
40°	460.9	490.0
41°	467.9	492.3
42°	475.8	498.2
43°	480.5	501.9
44°	482.0	505.0



REPORT NUMBER: P670597
CATALOG NUMBER: EWP15FSDBZ-13W-3000K

CANDELA DISTRIBUTION (continued):

	330°	360°
45°	484.5	507.3
46°	487.7	510.5
47°	490.9	513.6
48°	494.2	515.9
49°	493.3	518.0
50°	494.3	519.8
51°	496.9	522.8
52°	497.1	523.2
53°	496.7	525.0
54°	498.2	525.4
55°	497.3	525.4
56°	498.0	526.7
57°	499.8	525.7
58°	496.9	524.8
59°	497.4	525.1
60°	495.6	525.0
61°	493.2	524.4
62°	492.0	523.4
63°	488.2	519.3
64°	489.4	519.1
65°	486.0	519.1
66°	482.8	515.4
67°	479.7	511.0
68°	475.5	508.7
69°	471.1	504.6
70°	466.0	501.7
71°	462.7	499.1
72°	458.1	493.3
73°	453.2	489.6
74°	446.7	484.8
75°	443.1	479.7
76°	436.1	474.8
77°	431.2	469.0
78°	425.7	462.9
79°	419.5	457.7
80°	413.1	449.8
81°	406.2	444.4
82°	398.7	437.6
83°	392.9	430.6
84°	385.1	422.4
85°	376.7	414.4
86°	368.5	407.2
87°	359.0	398.5
88°	353.1	392.3
89°	343.4	383.3



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CANDELA DISTRIBUTION (continued):

	330°	360°
90°	335.9	375.9
91°	328.0	367.7
92°	318.0	357.8
93°	309.7	349.6
94°	300.2	342.7
95°	290.5	332.4
96°	271.0	320.7
97°	250.5	301.4
98°	223.8	279.6
99°	203.8	252.2
100°	187.5	230.5
101°	176.1	207.8
102°	162.2	182.1
103°	144.8	163.9
104°	132.4	147.1
105°	121.1	129.2
106°	109.6	118.5
107°	98.0	109.1
108°	92.1	100.3
109°	94.5	94.6
110°	97.2	91.7
111°	98.9	92.2
112°	98.5	96.0
113°	97.1	101.5
114°	94.2	105.4
115°	90.4	105.2
116°	85.8	103.2
117°	80.9	100.5
118°	75.7	97.0
119°	70.6	92.2
120°	65.6	87.7
121°	60.8	82.1
122°	56.8	76.5
123°	53.1	71.6
124°	49.7	67.1
125°	46.6	62.9
126°	43.8	59.0
127°	41.9	55.5
128°	40.0	52.2
129°	38.0	49.3
130°	36.1	46.6
131°	34.1	44.3
132°	32.3	42.5
133°	30.4	40.6
134°	28.6	38.6



REPORT NUMBER: P670597
CATALOG NUMBER: EWP15FSDBZ-13W-3000K

CANDELA DISTRIBUTION (continued):

	330°	360°
135°	26.7	36.6
136°	24.7	34.7
137°	22.7	32.7
138°	20.9	30.9
139°	19.2	29.0
140°	17.7	26.8
141°	16.1	24.8
142°	14.6	22.8
143°	13.3	20.9
144°	12.0	19.2
145°	10.8	17.5
146°	9.8	15.9
147°	8.8	14.4
148°	7.9	13.0
149°	6.8	11.7
150°	5.9	10.5
151°	5.1	9.5
152°	4.3	8.5
153°	3.4	7.6
154°	2.2	6.8
155°	1.5	6.1
156°	1.1	5.4
157°	1.1	3.9
158°	1.1	2.3
159°	1.0	1.3
160°	1.1	1.0
161°	1.1	1.0
162°	1.1	1.0
163°	1.2	1.0
164°	1.3	1.1
165°	1.4	1.1
166°	1.6	1.3
167°	1.7	1.3
168°	1.9	1.2
169°	2.0	1.2
170°	1.9	1.2
171°	1.8	1.2
172°	1.5	1.3
173°	1.4	1.3
174°	1.4	1.2
175°	1.4	1.3
176°	1.4	1.3
177°	1.5	1.3
178°	1.5	1.4
179°	1.5	1.4

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

Scaled Data Report



REPORT NUMBER: P670597
CATALOG NUMBER: EWP15FSDBZ-13W-3000K

CANDELA DISTRIBUTION (continued):

	330°	360°
180°	1.4	1.4

(END OF REPORT)