

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: P670598

Luminaire Tested: EWP15FSDBZ-13W-4000K

Issue Date: 4/4/2023

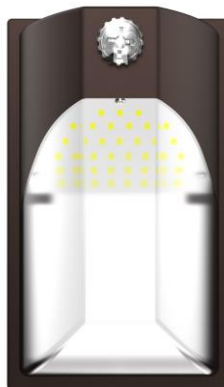
**Test Information**

Test Method: LM-79-2019  
Report Number: P670598  
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-4000K  
Description: ENTRY WALL PACK  
Light Source: 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1691 lumens  
Efficiency: N/A  
Efficacy: 133.1 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

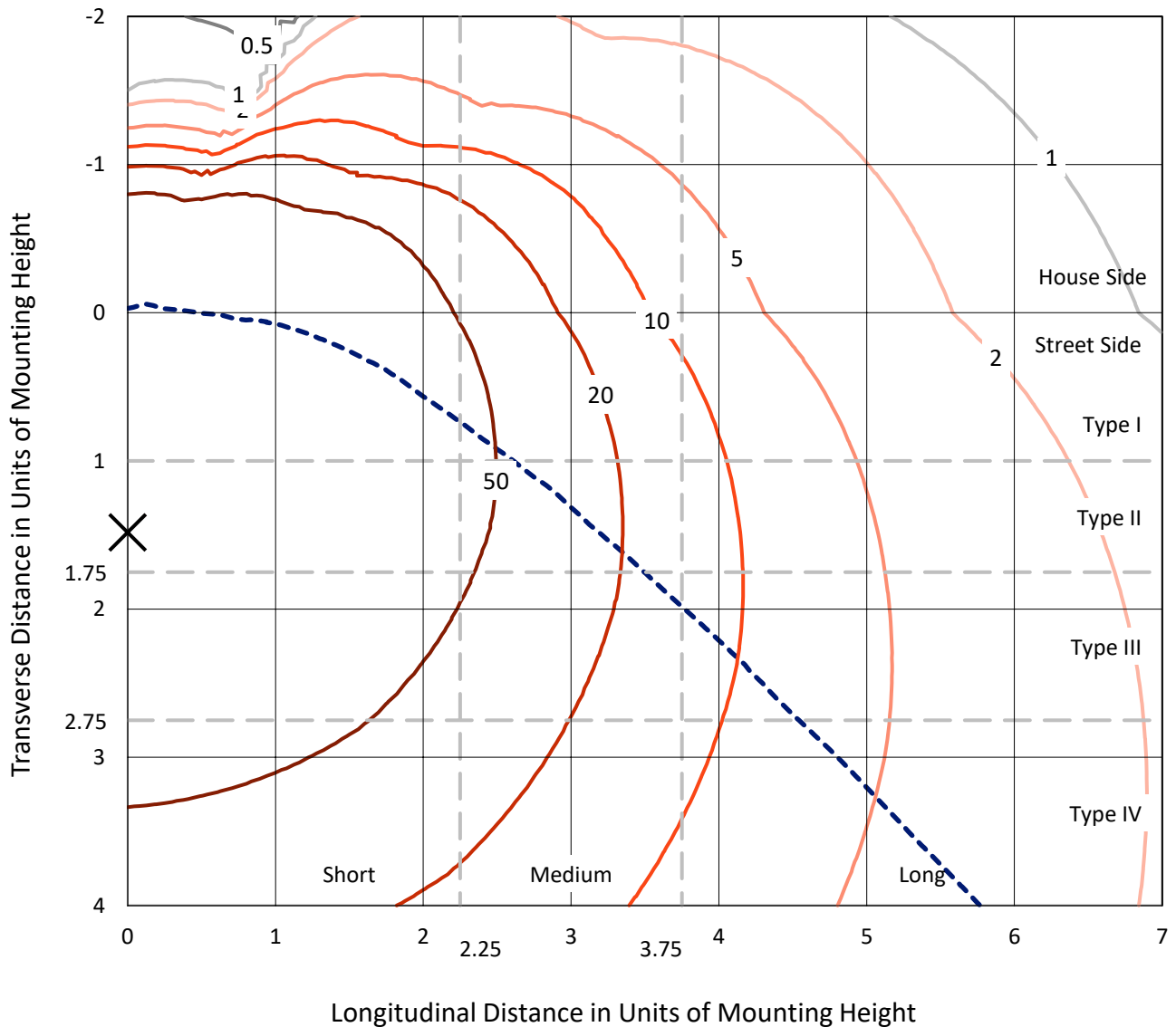
Input Watts (W): 12.7  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

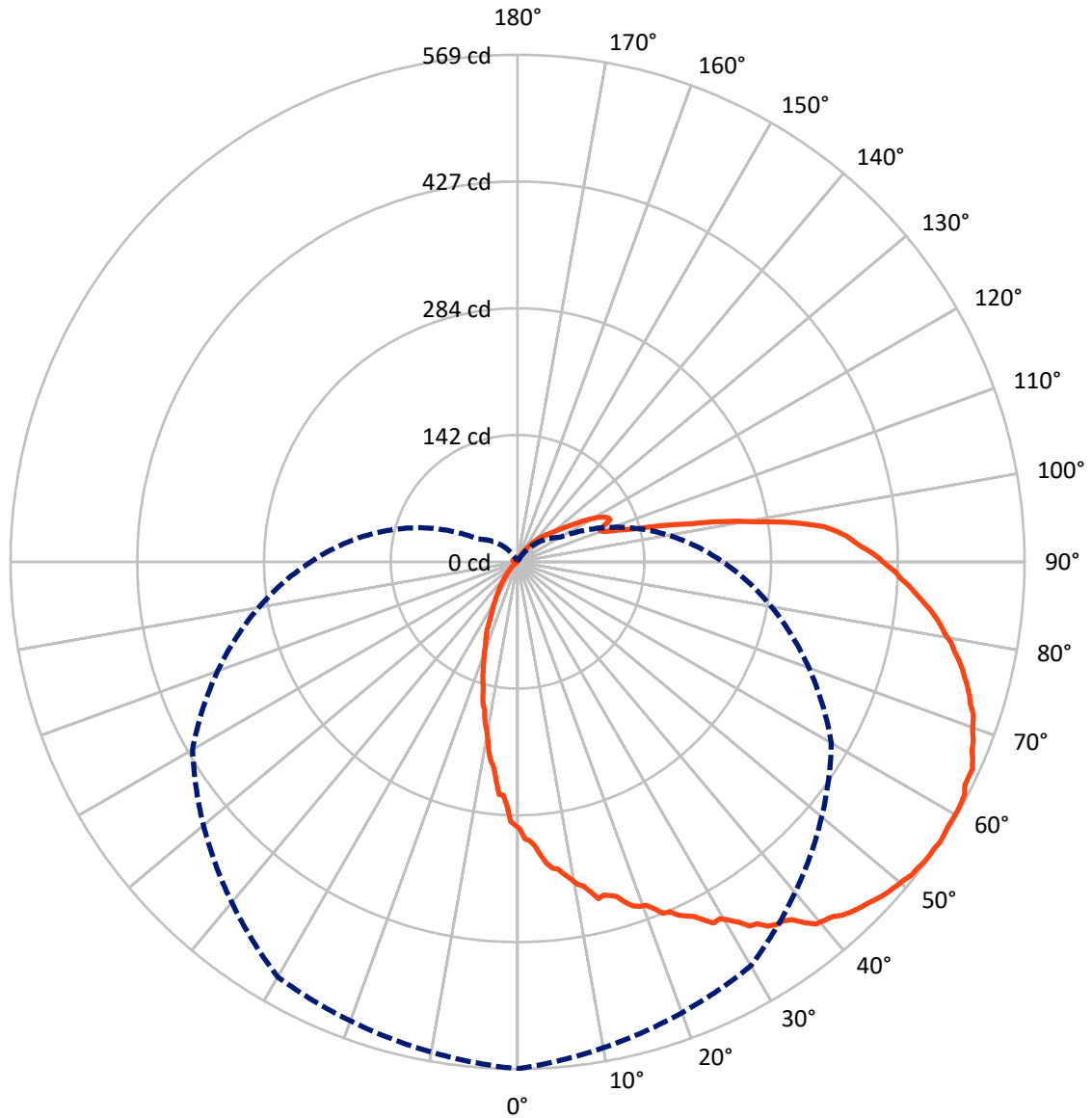
× Max cd  
 - - - 1/2 Max cd



Based on 0.5 foot mounting height. Maximum calculated value = 1409.8 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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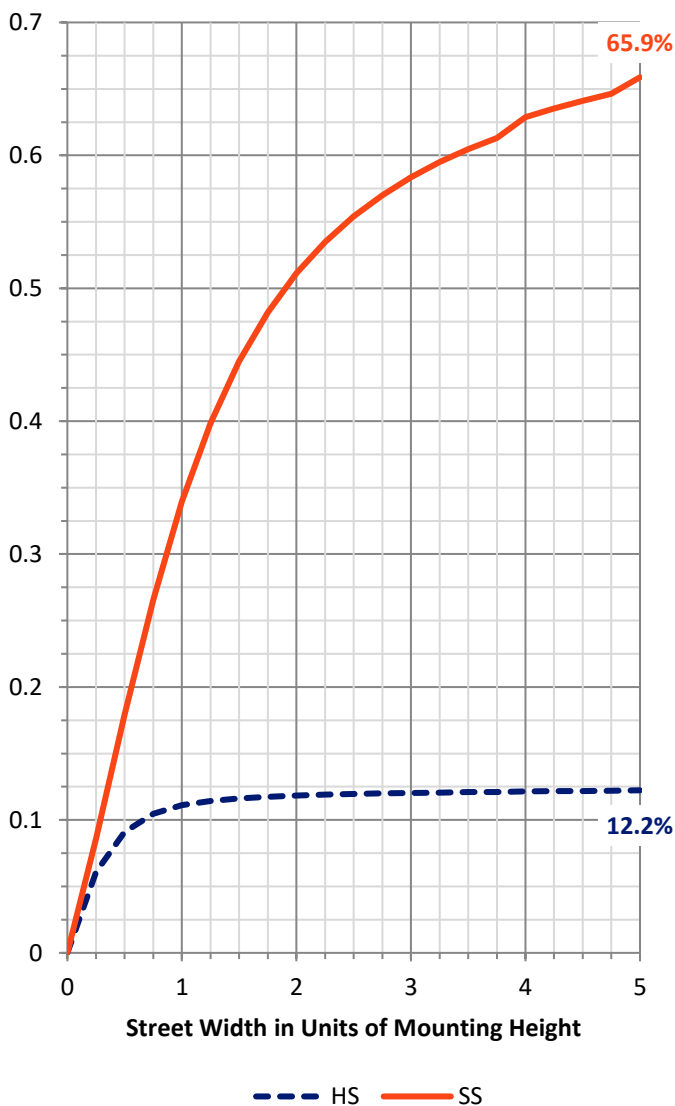
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	211.4	22.7	234.1
	% Fixture	12.5	1.3	13.8
<b>Street Side</b>	Lumens	1226.3	230.7	1456.9
	% Fixture	72.5	13.6	86.2
<b>Total</b>	Lumens	1437.7	253.3	1691.0
	% Fixture	85.0	15.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	28.3	1.7
10°-20°	78.5	4.6
20°-30°	121.2	7.2
30°-40°	163.7	9.7
40°-50°	203.4	12.0
50°-60°	227.5	13.5
60°-70°	230.0	13.6
70°-80°	210.9	12.5
80°-90°	174.1	10.3
90°-100°	125.3	7.4
100°-110°	58.0	3.4
110°-120°	35.1	2.1
120°-130°	18.9	1.1
130°-140°	9.7	0.6
140°-150°	4.2	0.3
150°-160°	1.4	0.1
160°-170°	0.5	0.0
170°-180°	0.2	0.0
0°-90°	1437.7	85.0
0°-180°	1691.0	100.0

**Coefficient of Utilization**

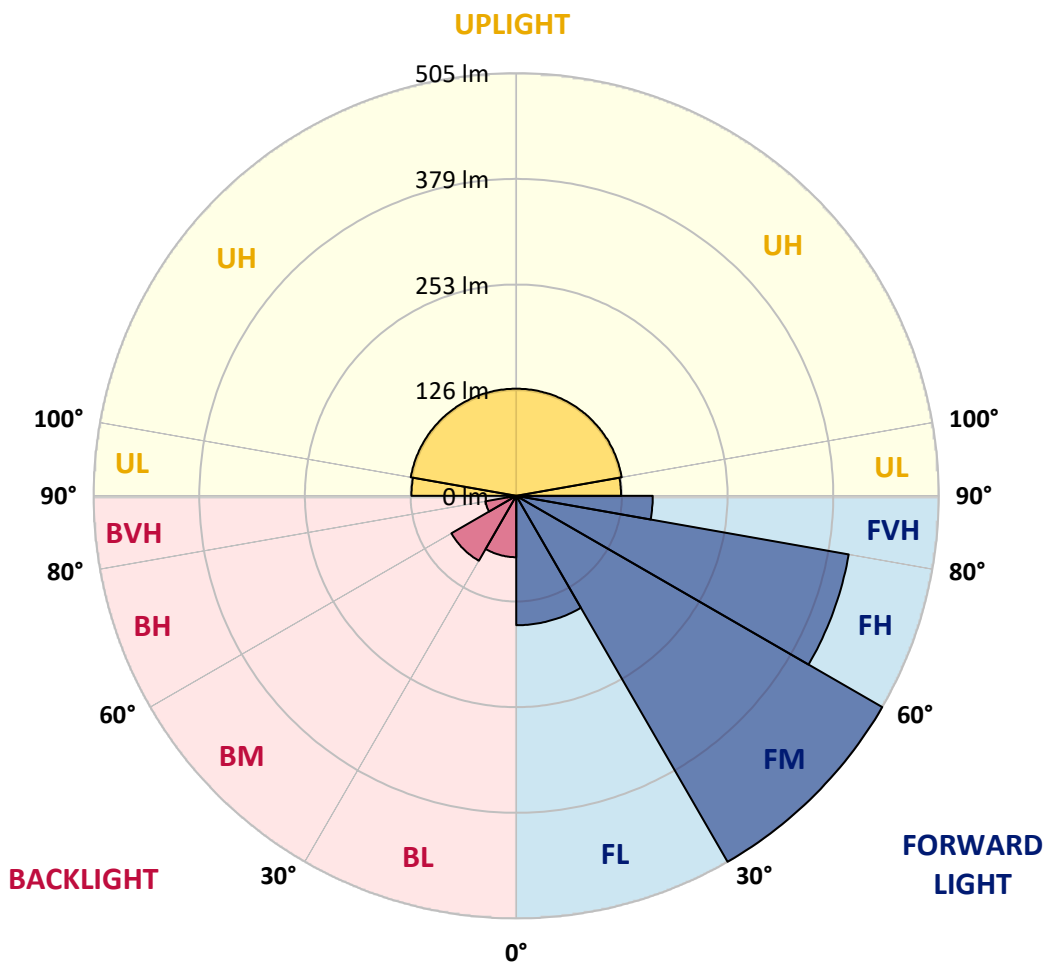


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	154.6	9.1			
FM (30°-60°)	505.1	29.9			
FH (60°-80°)	403.5	23.9			G0/660
FVH (80°-90°)	163.1	9.6			G2/225
BL (0°-30°)	73.4	4.3	B0/110		
BM (30°-60°)	89.6	5.3	B0/220		
BH (60°-80°)	37.5	2.2	B0/110		G0/110
BVH (80°-90°)	11.0	0.7			G1/100
UL (90°-100°)	125.3	7.4		U3/500	
UH (100°-180°)	128.0	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°	299.8	299.8	299.8	299.8	299.8	299.8	299.8	299.8	299.8	299.8	299.8
1°	310.8	305.9	304.3	302.4	297.3	291.8	295.7	293.9	292.8	300.9	308.2
2°	313.0	312.5	314.3	305.5	295.7	296.7	291.6	293.2	294.2	300.0	311.6
3°	319.3	320.9	316.2	308.5	301.1	285.6	273.8	279.7	290.7	302.6	311.4
4°	329.9	325.1	316.9	308.2	298.5	271.3	262.1	266.2	284.9	305.8	315.6
5°	339.9	331.7	324.9	308.4	290.7	261.3	262.0	257.3	276.3	300.6	311.5
6°	345.9	342.1	329.6	310.6	282.3	262.0	247.9	255.3	268.2	293.7	314.2
7°	347.8	349.4	333.9	317.5	274.3	252.4	233.0	240.7	262.9	294.9	320.7
8°	354.4	353.1	329.8	311.1	269.4	238.7	226.1	229.3	254.6	293.3	322.3
9°	360.5	349.0	335.0	304.8	268.4	228.4	217.0	218.3	248.7	295.2	317.4
10°	367.7	353.0	340.1	303.2	268.8	227.5	202.0	217.7	250.6	283.6	322.6
11°	371.1	365.4	341.4	302.7	270.3	217.2	191.2	200.4	236.4	279.9	322.7
12°	379.4	368.5	344.1	302.7	259.8	203.2	183.3	191.9	225.0	281.4	324.9
13°	388.7	372.3	341.8	301.0	248.0	196.6	170.0	185.6	216.9	285.5	327.0
14°	385.9	376.3	342.3	298.5	236.7	186.7	165.2	171.2	213.5	280.2	325.8
15°	388.5	379.3	344.5	302.7	226.7	173.1	155.0	160.2	206.4	274.7	332.1
16°	391.5	382.4	347.9	305.1	222.2	165.8	144.0	156.3	205.2	275.8	336.2
17°	400.4	394.5	345.7	302.2	218.4	155.2	137.1	144.2	199.9	275.8	335.9
18°	406.8	392.9	352.6	298.5	211.9	141.1	128.3	131.1	188.6	278.9	339.9
19°	410.1	393.6	355.5	298.8	202.5	135.0	120.8	128.6	182.2	268.3	341.6
20°	411.1	400.3	358.3	292.0	195.2	125.1	112.6	115.4	176.9	267.8	348.7
21°	418.1	409.0	363.3	293.0	190.4	119.1	103.9	107.9	171.4	268.2	349.3
22°	426.6	412.3	362.8	289.1	190.9	112.2	97.8	101.4	168.4	271.1	352.5
23°	428.0	413.0	366.1	290.3	185.0	105.0	92.8	96.7	157.8	267.7	352.7
24°	435.4	422.3	367.3	289.5	170.4	97.6	87.2	91.5	149.7	269.8	362.5
25°	440.3	427.7	368.1	290.6	162.3	89.9	81.7	85.4	144.5	271.6	360.0
26°	444.8	425.2	371.6	285.0	155.4	85.4	71.8	80.9	138.9	267.4	361.6
27°	453.0	425.1	374.8	282.0	149.9	80.3	66.1	76.4	137.8	267.4	371.3
28°	461.1	433.6	375.0	278.2	144.1	75.6	60.8	72.8	131.6	264.0	366.4
29°	460.2	444.8	380.6	279.0	139.3	71.0	56.6	66.4	127.1	263.4	375.3
30°	466.2	446.5	385.2	277.6	135.9	65.3	52.2	61.3	123.0	266.5	379.7
31°	474.1	450.3	383.1	276.2	130.0	61.2	48.5	57.7	119.5	268.4	379.4
32°	484.4	456.0	385.1	279.7	125.3	57.1	45.0	53.9	116.7	269.5	387.4
33°	486.7	458.7	391.9	276.7	121.2	53.1	41.4	50.2	113.6	268.1	394.1
34°	495.7	461.1	395.1	276.8	118.1	48.2	38.2	46.1	110.9	267.6	393.0
35°	499.7	468.1	396.5	275.5	114.6	44.6	35.4	42.5	107.3	264.5	402.6
36°	500.9	475.3	401.8	274.3	111.4	40.9	32.4	39.3	104.8	265.6	403.9
37°	505.9	479.8	401.2	268.8	107.3	37.9	29.5	36.1	102.1	267.0	402.9
38°	517.4	482.1	409.3	269.8	103.4	35.1	26.9	33.4	99.4	269.2	407.5
39°	526.6	483.4	406.2	267.6	100.5	32.1	24.7	31.1	97.3	271.3	411.2
40°	529.1	484.7	408.0	269.1	97.6	29.4	22.3	28.5	95.3	271.7	412.1
41°	531.6	489.2	407.9	268.1	93.9	26.9	20.1	25.7	92.9	267.6	416.6
42°	538.0	496.1	411.9	269.5	91.1	24.6	18.1	23.5	90.2	267.2	421.1
43°	542.0	502.3	413.8	266.7	88.1	22.5	16.2	21.2	87.6	266.5	422.3
44°	545.3	508.1	417.2	266.2	85.0	20.2	14.4	19.1	84.3	265.8	423.5



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**CANDELA DISTRIBUTION (continued):**

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
45°	547.8	510.0	415.9	262.9	81.9	17.9	12.8	17.4	81.3	263.9	425.0
46°	551.3	512.7	417.2	260.3	79.0	16.0	11.3	15.6	78.8	263.2	425.0
47°	554.6	515.2	416.7	258.3	76.6	14.2	10.0	13.9	76.0	260.4	425.1
48°	557.1	514.2	417.8	255.6	73.8	12.6	8.7	12.4	73.4	257.1	426.7
49°	559.3	516.8	415.2	252.6	71.4	11.2	7.5	11.1	71.3	256.3	425.6
50°	561.3	518.0	416.1	249.5	69.1	9.8	6.3	9.8	69.2	254.0	426.5
51°	564.5	519.0	415.0	247.5	67.8	8.6	5.3	8.6	67.2	250.2	425.8
52°	564.9	520.5	413.7	243.4	63.9	7.4	4.4	7.4	65.6	248.3	424.7
53°	566.9	519.7	410.7	240.0	62.5	6.4	3.5	6.4	59.7	244.9	427.5
54°	567.4	519.4	408.7	236.2	59.0	5.4	2.8	5.4	56.4	241.0	426.0
55°	567.3	521.2	408.3	232.7	57.0	4.5	2.1	4.6	53.1	236.4	424.7
56°	568.7	523.2	406.3	230.1	54.9	3.6	1.6	3.8	50.8	231.8	420.9
57°	567.7	523.2	402.6	224.9	53.6	2.9	1.2	3.1	47.3	230.1	417.8
58°	566.7	521.0	398.1	219.6	50.2	2.3	1.2	2.5	45.1	224.3	415.2
59°	567.0	520.6	397.0	216.0	47.7	1.7	1.3	1.9	43.1	217.9	414.5
60°	566.9	516.6	392.5	213.2	46.2	1.4	1.3	1.5	41.7	210.8	410.4
61°	566.3	514.4	388.8	208.8	44.6	1.3	1.4	1.2	40.0	204.7	404.8
62°	565.2	512.6	387.0	202.6	42.7	1.3	1.4	1.3	38.5	199.7	401.8
63°	560.7	508.5	380.9	193.1	41.4	1.4	1.5	1.3	37.2	193.7	397.8
64°	560.5	506.1	376.5	185.7	39.8	1.4	1.5	1.3	35.9	189.1	392.7
65°	560.5	505.1	371.3	180.1	38.3	1.4	1.6	1.4	34.7	182.9	387.1
66°	556.5	501.5	365.7	174.9	36.9	1.5	1.6	1.4	33.5	177.1	382.8
67°	551.8	499.9	360.7	169.0	35.7	1.5	1.6	1.4	32.2	173.5	377.9
68°	549.3	494.1	355.4	161.8	34.5	1.6	1.7	1.5	31.2	166.7	373.6
69°	544.9	490.7	348.7	156.1	33.3	1.6	1.7	1.5	30.2	160.8	366.6
70°	541.8	485.0	344.8	151.4	32.3	1.7	1.8	1.6	29.3	154.4	360.6
71°	539.0	482.3	337.4	145.3	31.3	1.7	1.8	1.6	28.4	148.1	354.9
72°	532.7	477.2	332.8	141.3	30.5	1.8	1.9	1.7	27.7	141.7	349.1
73°	528.6	471.9	325.8	130.3	29.7	1.8	1.9	1.7	27.0	139.3	342.8
74°	523.5	468.5	317.3	124.8	28.9	1.8	1.9	1.8	26.4	127.4	335.0
75°	518.0	462.0	310.9	120.2	28.1	1.9	2.0	1.8	25.6	121.7	329.2
76°	512.7	452.6	302.9	113.6	27.5	1.9	2.0	1.9	25.0	116.7	321.9
77°	506.4	448.0	295.7	107.4	26.7	2.0	2.0	1.9	24.4	111.1	315.3
78°	499.8	442.2	288.4	102.8	26.0	2.0	2.1	2.0	23.8	105.2	306.1
79°	494.2	435.5	280.1	97.5	25.3	2.1	2.1	2.0	23.3	100.1	296.9
80°	485.7	427.5	274.0	89.9	24.6	2.1	2.2	2.0	22.8	94.6	286.6
81°	479.9	419.0	266.5	85.9	24.0	2.1	2.2	2.1	22.3	89.2	276.7
82°	472.6	413.0	259.1	81.1	23.3	2.2	2.3	2.1	21.8	84.8	268.5
83°	465.0	404.1	251.7	77.3	22.7	2.2	2.3	2.2	21.2	79.6	260.3
84°	456.1	397.5	245.1	73.9	22.0	2.3	2.3	2.2	20.8	75.3	251.7
85°	447.4	390.4	238.5	70.5	21.4	2.3	2.4	2.2	20.3	71.8	243.8
86°	439.8	381.9	232.0	67.6	21.0	2.4	2.4	2.3	19.8	68.1	235.3
87°	430.3	373.2	221.5	64.7	20.3	2.4	2.5	2.3	19.4	64.9	228.1
88°	423.6	363.6	212.1	62.2	19.8	2.4	2.5	2.3	18.9	61.9	219.9
89°	413.9	354.2	202.1	59.4	19.3	2.4	2.5	2.3	18.4	59.2	212.7





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**CANDELA DISTRIBUTION (continued):**

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
90°	405.9	344.7	193.6	56.8	18.8	2.4	2.5	2.3	18.0	56.3	204.5
91°	397.0	337.0	185.4	54.7	18.3	2.4	2.6	2.3	17.6	54.0	196.9
92°	386.4	324.9	177.7	52.1	17.8	2.5	2.6	2.4	17.2	51.8	189.4
93°	377.5	318.2	170.5	49.7	17.4	2.5	2.7	2.4	16.9	49.9	182.3
94°	370.1	308.6	162.1	47.9	17.1	2.6	2.7	2.5	16.5	47.9	173.5
95°	359.0	298.2	152.4	45.8	16.6	2.7	2.8	2.6	16.2	46.0	166.4
96°	346.3	283.8	141.4	43.3	16.3	2.8	2.8	2.7	15.8	44.1	158.2
97°	325.5	262.0	130.9	41.0	15.8	2.9	2.9	2.8	15.4	42.3	152.1
98°	301.9	237.1	119.5	38.5	15.4	2.9	3.0	2.8	15.0	40.2	144.7
99°	272.3	213.8	107.6	35.8	14.9	3.0	3.1	2.9	14.5	38.0	132.5
100°	248.9	200.0	95.1	33.2	14.4	3.1	3.3	3.0	14.0	35.9	122.7
101°	224.4	185.1	84.5	30.9	14.0	3.2	3.4	3.0	13.6	33.6	111.7
102°	196.7	166.1	76.1	28.7	13.5	3.4	3.6	3.2	13.1	31.6	102.1
103°	177.0	150.0	69.4	26.6	12.9	3.6	3.8	3.3	12.6	29.5	93.9
104°	158.8	137.2	64.2	24.8	12.4	3.7	4.2	3.4	12.1	27.7	86.5
105°	139.5	126.7	60.2	23.1	11.9	3.9	4.7	3.6	11.6	25.9	80.4
106°	127.9	113.8	56.7	21.5	11.4	4.0	5.1	3.7	11.2	24.3	74.6
107°	117.8	102.2	53.8	20.0	10.9	4.0	5.5	3.8	10.7	22.9	69.8
108°	108.3	96.8	51.5	18.7	10.4	4.1	5.7	3.8	10.3	21.6	65.2
109°	102.1	96.5	49.1	17.4	9.9	4.2	5.6	3.9	9.9	20.5	60.8
110°	99.0	100.0	47.5	16.2	9.4	4.2	5.5	3.9	9.5	19.4	56.8
111°	99.5	102.8	45.8	15.2	8.9	4.2	5.3	3.9	9.1	18.4	53.2
112°	103.7	101.9	43.9	14.1	8.5	4.2	5.2	3.9	8.8	17.5	49.4
113°	109.6	100.0	41.7	13.1	8.1	4.2	5.1	3.9	8.4	16.5	45.7
114°	113.8	96.5	39.5	12.2	7.6	4.2	4.9	3.9	8.1	15.7	42.3
115°	113.6	92.9	37.3	11.4	7.2	4.1	4.8	3.9	7.8	14.8	39.2
116°	111.4	88.5	35.3	10.7	6.9	4.1	4.6	3.8	7.6	14.0	36.2
117°	108.6	84.2	33.3	10.0	6.6	4.1	4.5	3.8	7.3	13.3	33.6
118°	104.7	79.4	31.2	9.4	6.4	3.9	4.5	3.8	7.1	12.6	31.0
119°	99.6	74.9	29.2	8.8	6.2	3.8	4.4	3.7	6.9	12.1	28.7
120°	94.7	70.7	27.4	8.2	6.0	3.7	4.3	3.6	6.7	11.6	26.5
121°	88.7	66.3	25.6	7.7	5.8	3.6	3.9	3.6	6.6	11.3	24.5
122°	82.6	62.5	23.9	7.3	5.7	3.6	3.6	3.5	6.4	11.0	22.7
123°	77.3	59.0	22.3	6.9	5.5	3.6	3.5	3.4	6.3	10.6	20.9
124°	72.5	55.7	20.8	6.7	5.4	3.5	3.7	3.4	6.1	10.4	19.3
125°	67.9	52.9	19.4	6.4	5.2	3.5	3.7	3.3	6.0	10.2	17.7
126°	63.7	50.0	18.1	6.3	5.1	3.4	3.5	3.3	5.9	10.0	16.3
127°	60.0	47.7	17.0	6.2	5.0	3.4	3.4	3.2	5.7	9.8	15.0
128°	56.4	45.7	15.9	6.1	4.9	3.3	3.3	3.2	5.6	9.6	13.7
129°	53.2	44.0	14.8	6.0	4.8	3.3	3.3	3.1	5.4	9.4	12.5
130°	50.3	41.9	13.8	5.9	4.7	3.2	3.0	3.1	5.3	9.2	11.4
131°	47.8	39.8	12.9	5.9	4.6	3.1	3.0	3.0	5.1	9.1	10.4
132°	45.9	37.8	12.0	5.9	4.6	3.0	2.9	3.0	4.9	8.9	9.5
133°	43.8	35.7	11.3	5.9	4.6	3.0	2.9	2.9	4.8	8.8	8.7
134°	41.7	33.7	10.6	6.0	4.6	3.0	3.0	2.9	4.7	8.6	8.0



REPORT NUMBER: P670598  
 CATALOG NUMBER: EWP15FSDBZ-13W-4000K

**CANDELA DISTRIBUTION (continued):**

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
135°	39.5	31.8	9.9	6.0	4.6	2.9	3.1	2.9	4.6	8.6	7.3
136°	37.4	29.4	9.1	6.1	4.5	2.9	3.1	2.9	4.5	8.5	6.6
137°	35.3	27.2	8.1	6.3	4.3	2.9	3.1	2.8	4.4	8.4	6.0
138°	33.3	25.1	7.1	6.4	4.0	2.8	3.0	2.8	4.3	8.3	5.4
139°	31.3	23.1	6.2	6.5	3.9	2.8	2.8	2.7	4.2	8.2	4.8
140°	29.0	21.2	5.4	6.5	3.8	2.7	2.8	2.7	4.1	8.1	4.3
141°	26.8	19.4	4.7	6.5	3.8	2.7	2.7	2.6	4.0	8.0	3.8
142°	24.6	17.7	3.9	6.5	3.8	2.7	2.6	2.6	3.8	7.9	3.4
143°	22.6	16.1	3.3	6.5	3.7	2.8	2.6	2.6	3.6	7.8	3.1
144°	20.7	14.6	2.9	6.5	3.6	2.8	2.6	2.6	3.4	7.7	3.0
145°	18.9	13.1	2.5	6.6	3.5	2.9	2.6	2.5	3.2	7.7	2.9
146°	17.2	11.8	2.3	6.6	3.4	2.9	2.5	2.5	3.0	7.7	2.9
147°	15.6	10.7	2.2	6.7	3.2	2.9	2.5	2.5	2.8	7.7	2.9
148°	14.1	9.8	2.1	6.6	3.1	2.8	2.5	2.5	2.6	7.6	2.9
149°	12.7	8.5	2.0	6.3	2.9	2.7	2.5	2.4	2.4	7.4	2.9
150°	11.4	7.2	1.9	5.9	2.8	2.6	2.5	2.4	2.3	7.0	2.8
151°	10.3	6.1	1.8	5.4	2.6	2.5	2.4	2.4	2.2	6.5	2.7
152°	9.2	5.2	1.7	5.0	2.5	2.4	2.4	2.3	2.2	5.9	2.5
153°	8.2	4.2	1.7	4.5	2.4	2.4	2.4	2.3	2.3	5.4	2.4
154°	7.3	2.9	1.7	4.1	2.4	2.4	2.4	2.3	2.2	4.9	2.2
155°	6.5	1.8	1.7	3.5	2.4	2.4	2.4	2.2	2.2	4.4	2.1
156°	5.8	1.3	1.5	3.0	2.3	2.3	2.4	2.2	2.2	3.6	2.0
157°	4.2	1.1	1.4	2.5	2.2	2.4	2.3	2.2	2.1	3.0	1.8
158°	2.5	1.0	1.4	2.2	2.2	2.4	2.3	2.2	2.1	2.5	1.6
159°	1.4	1.0	1.4	1.9	2.2	2.5	2.3	2.2	2.0	2.2	1.6
160°	1.1	1.0	1.5	1.8	2.1	2.4	2.3	2.2	2.0	1.9	1.5
161°	1.1	1.0	1.5	1.8	2.1	2.4	2.2	2.1	1.9	1.8	1.5
162°	1.1	1.0	1.5	1.8	2.1	2.3	2.2	2.1	1.9	1.8	1.5
163°	1.1	1.1	1.5	1.8	2.1	2.3	2.2	2.0	1.9	1.8	1.5
164°	1.1	1.3	1.5	1.8	2.1	2.2	2.1	2.0	1.8	1.8	1.5
165°	1.2	1.4	1.4	2.0	2.1	2.2	2.1	2.0	1.8	2.0	1.6
166°	1.4	1.5	1.4	2.1	2.1	2.1	2.1	2.0	1.9	2.1	1.5
167°	1.4	1.7	1.3	2.2	2.1	2.1	2.0	1.9	1.9	2.3	1.5
168°	1.3	1.7	1.3	2.1	2.1	2.0	2.0	1.9	1.8	2.3	1.6
169°	1.3	1.7	1.4	2.0	2.0	2.0	1.9	1.9	1.8	2.2	1.7
170°	1.3	1.7	1.4	2.0	2.0	2.0	1.9	1.8	1.8	2.2	1.7
171°	1.3	1.6	1.4	2.1	1.9	2.0	1.9	1.8	1.7	2.2	1.7
172°	1.4	1.4	1.3	2.0	1.9	2.0	1.8	1.8	1.6	2.2	1.8
173°	1.4	1.2	1.3	1.9	1.9	1.9	1.8	1.7	1.6	2.1	1.8
174°	1.3	1.3	1.3	1.8	1.9	1.9	1.9	1.8	1.7	2.0	1.7
175°	1.4	1.3	1.3	1.8	1.9	1.8	1.8	1.7	1.7	1.9	1.7
176°	1.4	1.3	1.4	1.8	1.9	1.8	1.7	1.6	1.6	1.8	1.7
177°	1.4	1.3	1.4	1.8	1.8	1.8	1.7	1.6	1.6	1.8	1.7
178°	1.5	1.4	1.4	1.8	1.8	1.7	1.6	1.6	1.6	1.8	1.7
179°	1.5	1.4	1.5	1.8	1.8	1.7	1.6	1.5	1.5	1.8	1.8



REPORT NUMBER: P670598  
CATALOG NUMBER: EWP15FSDBZ-13W-4000K

**CANDELA DISTRIBUTION (continued):**

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
180°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6



REPORT NUMBER: P670598  
CATALOG NUMBER: EWP15FSDBZ-13W-4000K

**CANDELA DISTRIBUTION (continued):**

	330°	360°
0°	299.8	299.8
1°	308.9	310.8
2°	313.9	313.0
3°	318.4	319.3
4°	323.5	329.9
5°	329.9	339.9
6°	332.1	345.9
7°	340.4	347.8
8°	339.8	354.4
9°	343.2	360.5
10°	350.3	367.7
11°	356.9	371.1
12°	360.9	379.4
13°	361.7	388.7
14°	367.5	385.9
15°	374.9	388.5
16°	378.3	391.5
17°	383.1	400.4
18°	390.8	406.8
19°	389.5	410.1
20°	393.9	411.1
21°	404.3	418.1
22°	410.7	426.6
23°	408.5	428.0
24°	416.5	435.4
25°	424.8	440.3
26°	424.4	444.8
27°	431.5	453.0
28°	442.0	461.1
29°	452.1	460.2
30°	451.7	466.2
31°	458.3	474.1
32°	462.1	484.4
33°	465.5	486.7
34°	466.9	495.7
35°	474.0	499.7
36°	481.3	500.9
37°	487.7	505.9
38°	491.9	517.4
39°	494.0	526.6
40°	497.7	529.1
41°	505.2	531.6
42°	513.8	538.0
43°	518.8	542.0
44°	520.5	545.3



REPORT NUMBER: P670598  
CATALOG NUMBER: EWP15FSDBZ-13W-4000K

**CANDELA DISTRIBUTION (continued):**

	330°	360°
45°	523.2	547.8
46°	526.6	551.3
47°	530.1	554.6
48°	533.7	557.1
49°	532.7	559.3
50°	533.8	561.3
51°	536.6	564.5
52°	536.8	564.9
53°	536.3	566.9
54°	538.0	567.4
55°	536.9	567.3
56°	537.7	568.7
57°	539.7	567.7
58°	536.5	566.7
59°	537.1	567.0
60°	535.2	566.9
61°	532.6	566.3
62°	531.2	565.2
63°	527.1	560.7
64°	528.5	560.5
65°	524.8	560.5
66°	521.3	556.5
67°	517.9	551.8
68°	513.5	549.3
69°	508.8	544.9
70°	503.2	541.8
71°	499.6	539.0
72°	494.6	532.7
73°	489.4	528.6
74°	482.4	523.5
75°	478.4	518.0
76°	470.9	512.7
77°	465.6	506.4
78°	459.7	499.8
79°	452.9	494.2
80°	446.1	485.7
81°	438.7	479.9
82°	430.5	472.6
83°	424.2	465.0
84°	415.9	456.1
85°	406.8	447.4
86°	397.9	439.8
87°	387.7	430.3
88°	381.2	423.6
89°	370.8	413.9



REPORT NUMBER: P670598  
CATALOG NUMBER: EWP15FSDBZ-13W-4000K

**CANDELA DISTRIBUTION (continued):**

	330°	360°
90°	362.7	405.9
91°	354.2	397.0
92°	343.4	386.4
93°	334.4	377.5
94°	324.2	370.1
95°	313.7	359.0
96°	292.6	346.3
97°	270.5	325.5
98°	241.7	301.9
99°	220.0	272.3
100°	202.5	248.9
101°	190.1	224.4
102°	175.2	196.7
103°	156.4	177.0
104°	143.0	158.8
105°	130.8	139.5
106°	118.4	127.9
107°	105.8	117.8
108°	99.5	108.3
109°	102.0	102.1
110°	104.9	99.0
111°	106.8	99.5
112°	106.4	103.7
113°	104.9	109.6
114°	101.7	113.8
115°	97.7	113.6
116°	92.6	111.4
117°	87.4	108.6
118°	81.7	104.7
119°	76.2	99.6
120°	70.8	94.7
121°	65.7	88.7
122°	61.3	82.6
123°	57.3	77.3
124°	53.7	72.5
125°	50.3	67.9
126°	47.3	63.7
127°	45.2	60.0
128°	43.2	56.4
129°	41.1	53.2
130°	39.0	50.3
131°	36.8	47.8
132°	34.8	45.9
133°	32.8	43.8
134°	30.9	41.7



REPORT NUMBER: P670598  
CATALOG NUMBER: EWP15FSDBZ-13W-4000K

**CANDELA DISTRIBUTION (continued):**

	330°	360°
135°	28.8	39.5
136°	26.7	37.4
137°	24.5	35.3
138°	22.6	33.3
139°	20.8	31.3
140°	19.1	29.0
141°	17.4	26.8
142°	15.8	24.6
143°	14.4	22.6
144°	13.0	20.7
145°	11.7	18.9
146°	10.5	17.2
147°	9.5	15.6
148°	8.5	14.1
149°	7.3	12.7
150°	6.3	11.4
151°	5.5	10.3
152°	4.6	9.2
153°	3.7	8.2
154°	2.4	7.3
155°	1.6	6.5
156°	1.2	5.8
157°	1.2	4.2
158°	1.1	2.5
159°	1.1	1.4
160°	1.2	1.1
161°	1.2	1.1
162°	1.2	1.1
163°	1.3	1.1
164°	1.4	1.1
165°	1.5	1.2
166°	1.7	1.4
167°	1.9	1.4
168°	2.0	1.3
169°	2.1	1.3
170°	2.1	1.3
171°	1.9	1.3
172°	1.7	1.4
173°	1.5	1.4
174°	1.5	1.3
175°	1.5	1.4
176°	1.5	1.4
177°	1.6	1.4
178°	1.6	1.5
179°	1.6	1.5

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

Scaled Data Report



REPORT NUMBER: P670598  
CATALOG NUMBER: EWP15FSDBZ-13W-4000K

**CANDELA DISTRIBUTION (continued):**

	330°	360°
180°	1.6	1.6

(END OF REPORT)