

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: FAIL-SAFE

Report Number: P365993

Luminaire Tested: **FLD6BX15D010-FEU6B12-8030-F6LBXVM1-WMH-BL89BW**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P365993  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1910-544-46)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: FAIL-SAFE  
Catalog Number: FLD6BX15D010-FEU6B12-8030-F6LBXVM1-WMH-BL89BW  
Description: VANDAL RESISTANT ENCLOSED BOTTOM LENS, WARM HAZE REFLECTOR, BOTTOM LENS ACRYLIC OPAL SMOOTH, CLEAR 0.125", 1500LM  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 985.9 lumens  
Efficiency: N/A  
Efficacy: 69.4 lumens/watt  
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.36  
Luminous Opening: Circular (Dia: 0.71' x H: 0')  
CIE Type: Direct

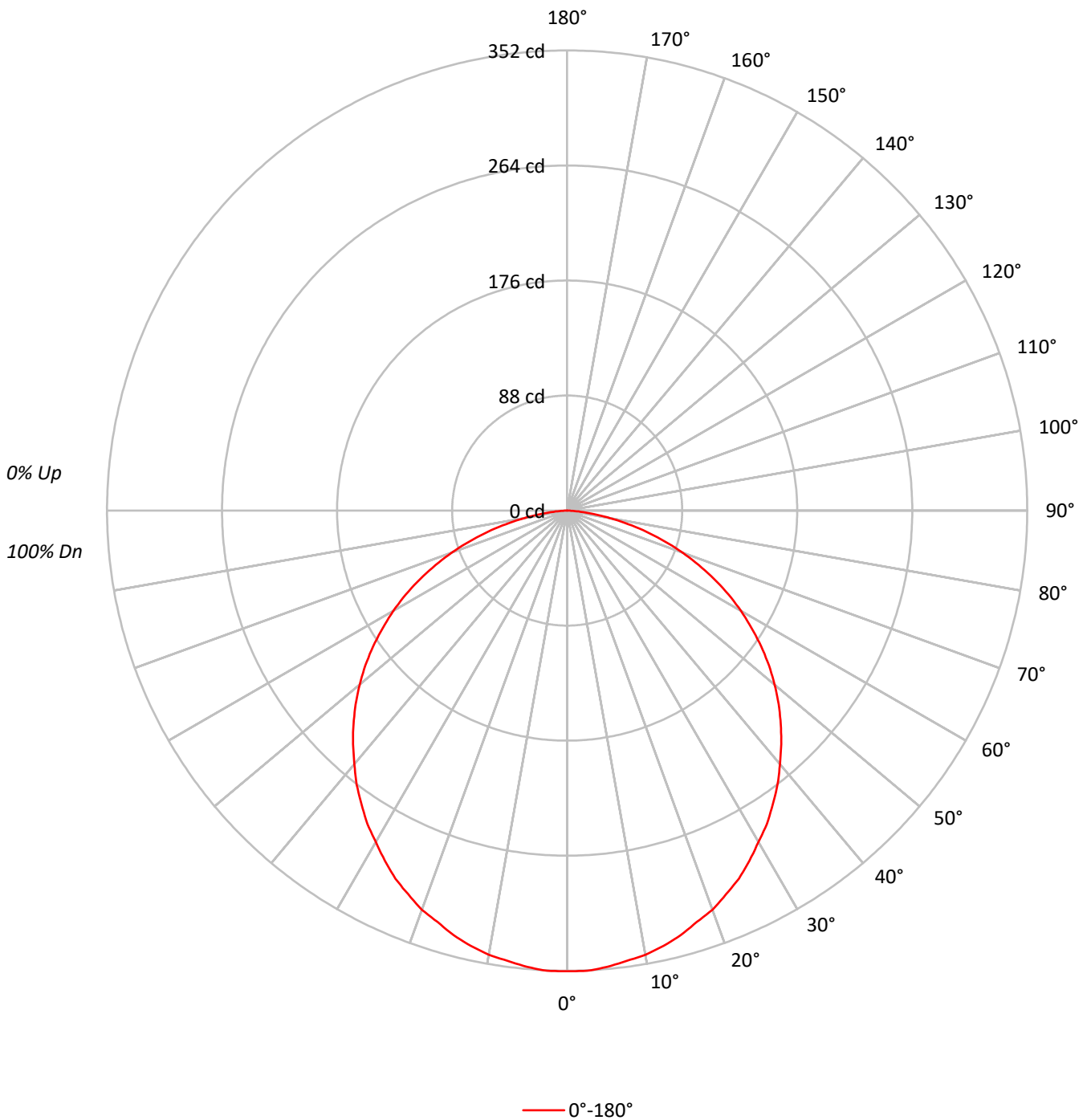
Input Watts (W): 14.2  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	104	100	96	106	102	98	95	98	94	92	94	91	89	90	88	86	84
2	99	91	84	78	96	89	83	77	85	80	76	82	78	74	79	75	72	70
3	90	80	72	65	88	78	71	64	75	69	63	72	67	62	70	65	61	59
4	83	71	62	55	80	69	61	55	67	60	54	64	58	53	62	57	52	50
5	76	63	54	47	74	62	53	47	60	52	47	58	51	46	56	50	46	43
6	70	57	48	41	68	56	47	41	54	46	41	52	45	40	51	45	40	38
7	65	51	43	36	63	51	42	36	49	41	36	48	41	36	46	40	35	33
8	60	47	38	32	59	46	38	32	45	37	32	44	37	32	42	36	32	30
9	56	43	35	29	55	42	35	29	41	34	29	40	34	29	39	33	29	27
10	53	40	32	26	52	39	32	26	38	31	26	37	31	26	36	30	26	24

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	9626
5°	9608
10°	9569
15°	9507
20°	9447
25°	9367
30°	9232
35°	9143
40°	9028
45°	8931
50°	8805
55°	8634
60°	8386
65°	8021
70°	7491
75°	6649
80°	5301
85°	3228



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	33.3	3.4
10°-20°	94.8	9.6
20°-30°	143.0	14.5
30°-40°	171.6	17.4
40°-50°	178.3	18.1
50°-60°	161.8	16.4
60°-70°	122.7	12.4
70°-80°	66.6	6.8
80°-90°	13.9	1.4
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	271.1	27.5
0°-40°	442.7	44.9
0°-60°	782.7	79.4
0°-90°	985.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	985.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	352	
5°	350	33
15°	336	95
25°	311	143
35°	274	172
45°	231	178
55°	181	162
65°	124	123
75°	63	67
85°	10	14
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	352.4
2.5°	352.4
5°	350.4
7.5°	347.5
10°	345.0
12.5°	341.1
15°	336.2
17.5°	329.9
20°	325.0
22.5°	317.7
25°	310.8
27.5°	302.0
30°	292.7
32.5°	284.4
35°	274.2
37.5°	264.4
40°	253.2
42.5°	242.4
45°	231.2
47.5°	219.4
50°	207.2
52.5°	194.5
55°	181.3
57.5°	167.1
60°	153.5
62.5°	139.3
65°	124.1
67.5°	109.0
70°	93.8
72.5°	78.2
75°	63.0
77.5°	47.9
80°	33.7
82.5°	21.0
85°	10.3
87.5°	2.9
90°	0.0

(END OF REPORT)