

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: P365266

Luminaire Tested: **FLD6BX15D010-FEU6B12-8027-F6LBXVM1-MW**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P365266  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1910-544-5)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: FAIL-SAFE  
Catalog Number: FLD6BX15D010-FEU6B12-8027-F6LBXVM1-MW  
Description: VANDAL RESISTANT OPEN, MATTE WHITE REFLECTOR, 1500LM  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1202.0 lumens  
Efficiency: N/A  
Efficacy: 84.6 lumens/watt  
Spacing Criteria (0/90/45): 0.93 / 0.93 / 0.94  
Luminous Opening: Circular (Dia: 0.71' x H: 0')  
CIE Type: Direct

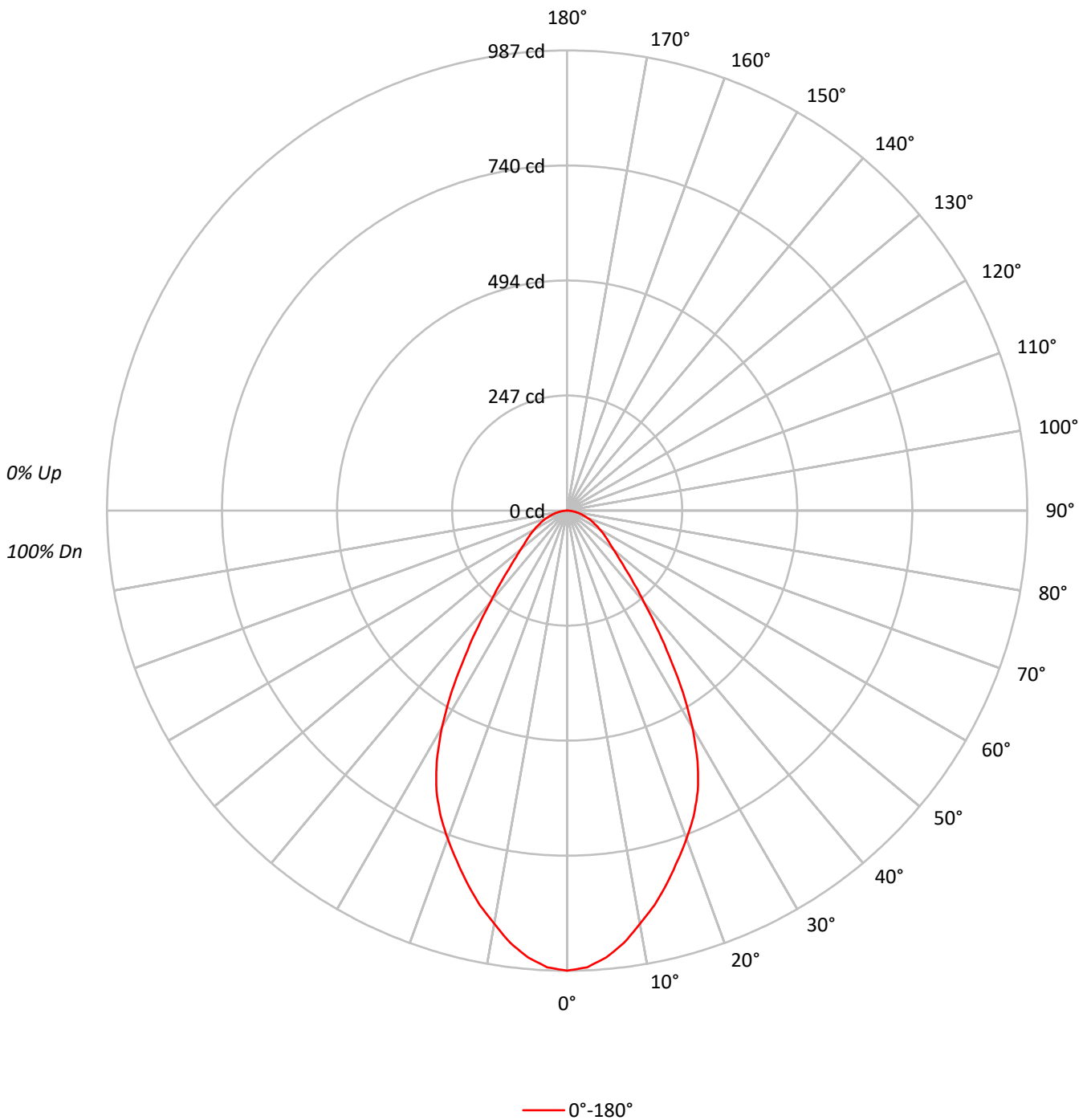
Input Watts (W): 14.2  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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	112	108	105	102	109	106	103	100	102	99	97	98	96	94	94	93	91	89
2	104	98	93	88	102	96	91	87	93	89	85	89	86	83	87	84	82	80
3	97	89	83	78	95	88	82	77	85	80	76	82	78	74	80	76	73	71
4	91	81	75	69	89	80	74	69	78	72	68	76	71	67	74	70	66	64
5	85	75	68	62	83	74	67	62	72	66	61	70	65	61	68	64	60	59
6	80	69	62	57	78	68	61	56	67	61	56	65	60	56	64	59	55	54
7	75	64	57	52	74	63	57	52	62	56	51	61	55	51	60	55	51	49
8	71	60	53	48	70	59	52	48	58	52	47	57	51	47	56	51	47	45
9	67	56	49	44	66	55	49	44	54	48	44	53	48	44	52	47	44	42
10	64	52	46	41	63	52	45	41	51	45	41	50	45	41	49	44	41	39

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

	0°
0°	26955
5°	26372
10°	24952
15°	23404
20°	21775
25°	19988
30°	16937
35°	12721
40°	9128
45°	6830
50°	5503
55°	4881
60°	4436
65°	4065
70°	3722
75°	3409
80°	3036
85°	2507



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	89.9	7.5
10°-20°	232.0	19.3
20°-30°	300.5	25.0
30°-40°	240.5	20.0
40°-50°	140.3	11.7
50°-60°	92.4	7.7
60°-70°	62.7	5.2
70°-80°	34.3	2.9
80°-90°	9.2	0.8
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°	622.4	51.8
0°-40°	863.0	71.8
0°-60°	1095.7	91.2
0°-90°	1202.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1202.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	987	
5°	962	90
15°	828	232
25°	663	301
35°	382	241
45°	177	140
55°	102	92
65°	63	63
75°	32	34
85°	8	9
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	986.8
2.5°	980.5
5°	961.8
7.5°	935.2
10°	899.6
12.5°	866.3
15°	827.6
17.5°	787.4
20°	749.1
22.5°	709.1
25°	663.2
27.5°	606.2
30°	537.0
32.5°	462.1
35°	381.5
37.5°	313.9
40°	256.0
42.5°	212.1
45°	176.8
47.5°	149.8
50°	129.5
52.5°	114.2
55°	102.5
57.5°	91.9
60°	81.2
62.5°	71.9
65°	62.9
67.5°	54.9
70°	46.6
72.5°	39.3
75°	32.3
77.5°	25.6
80°	19.3
82.5°	13.3
85°	8.0
87.5°	3.0
90°	0.0

(END OF REPORT)