

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: P365482

Luminaire Tested: **FLD6BX30D010-FEU6B35-8035-F6LBXVM1-MW**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P365482  
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: FLD6BX30D010-FEU6B35-8035-F6LBXVM1-MW  
Description: VANDAL RESISTANT OPEN, MATTE WHITE REFLECTOR, 3000LM  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2571.0 lumens  
Efficiency: N/A  
Efficacy: 95.2 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

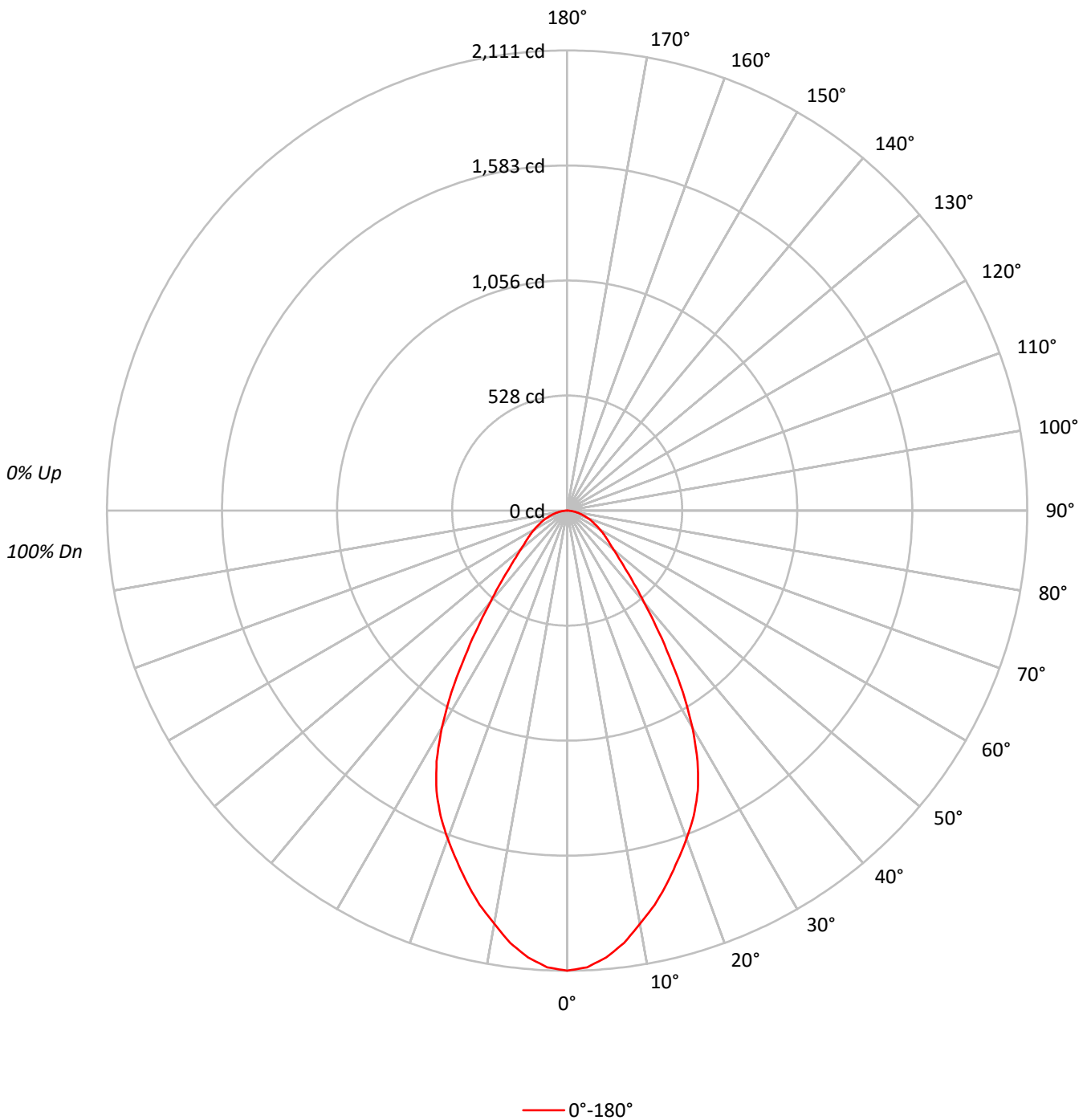
Input Watts (W): 27  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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	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					100			
1	112	108	105	102	109	106	103	100	102	99	97	98	96	94	94	93	91	89					89			
2	104	98	93	88	102	96	91	87	93	89	85	89	86	83	87	84	82	80					80			
3	97	89	83	78	95	88	82	77	85	80	76	82	78	74	80	76	73	71					71			
4	91	81	75	69	89	80	74	69	78	72	68	76	71	67	74	70	66	64					64			
5	85	75	68	62	83	74	67	62	72	66	61	70	65	61	68	64	60	59					59			
6	80	69	62	57	78	68	61	56	67	61	56	65	60	56	64	59	55	54					54			
7	75	64	57	52	74	63	57	52	62	56	51	61	55	51	60	55	51	49					49			
8	71	60	53	48	70	59	52	48	58	52	47	57	51	47	56	51	47	45					45			
9	67	56	49	44	66	55	49	44	54	48	44	53	48	44	52	47	44	42					42			
10	64	52	46	41	63	52	45	41	51	45	41	50	45	41	49	44	41	39					39			

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

	0°
0°	57654
5°	56408
10°	53368
15°	50062
20°	46573
25°	42752
30°	36228
35°	27213
40°	19526
45°	14606
50°	11771
55°	10444
60°	9495
65°	8700
70°	7962
75°	7293
80°	6497
85°	5359



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	192.2	7.5
10°-20°	496.3	19.3
20°-30°	642.8	25.0
30°-40°	514.5	20.0
40°-50°	300.0	11.7
50°-60°	197.7	7.7
60°-70°	134.2	5.2
70°-80°	73.4	2.9
80°-90°	19.8	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°	1331.3	51.8
0°-40°	1845.9	71.8
0°-60°	2343.6	91.2
0°-90°	2571.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2571.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2111	
5°	2057	192
15°	1770	496
25°	1418	643
35°	816	515
45°	378	300
55°	219	198
65°	135	134
75°	69	73
85°	17	20
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	2110.7
2.5°	2097.1
5°	2057.2
7.5°	2000.3
10°	1924.1
12.5°	1852.9
15°	1770.3
17.5°	1684.1
20°	1602.2
22.5°	1516.8
25°	1418.5
27.5°	1296.7
30°	1148.6
32.5°	988.4
35°	816.1
37.5°	671.5
40°	547.6
42.5°	453.6
45°	378.1
47.5°	320.4
50°	277.0
52.5°	244.2
55°	219.3
57.5°	196.5
60°	173.8
62.5°	153.8
65°	134.6
67.5°	117.5
70°	99.7
72.5°	84.0
75°	69.1
77.5°	54.8
80°	41.3
82.5°	28.5
85°	17.1
87.5°	6.4
90°	0.0

(END OF REPORT)