

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: P365518

Luminaire Tested: **FLD6BX30D010-FEU6B35-8050-F6LBXVM1-MW**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P365518  
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-FEU6B35-8050-F6LBXVM1-MW  
Description: VANDAL RESISTANT OPEN, MATTE WHITE REFLECTOR, 3000LM  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2661.0 lumens  
Efficiency: N/A  
Efficacy: 98.6 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

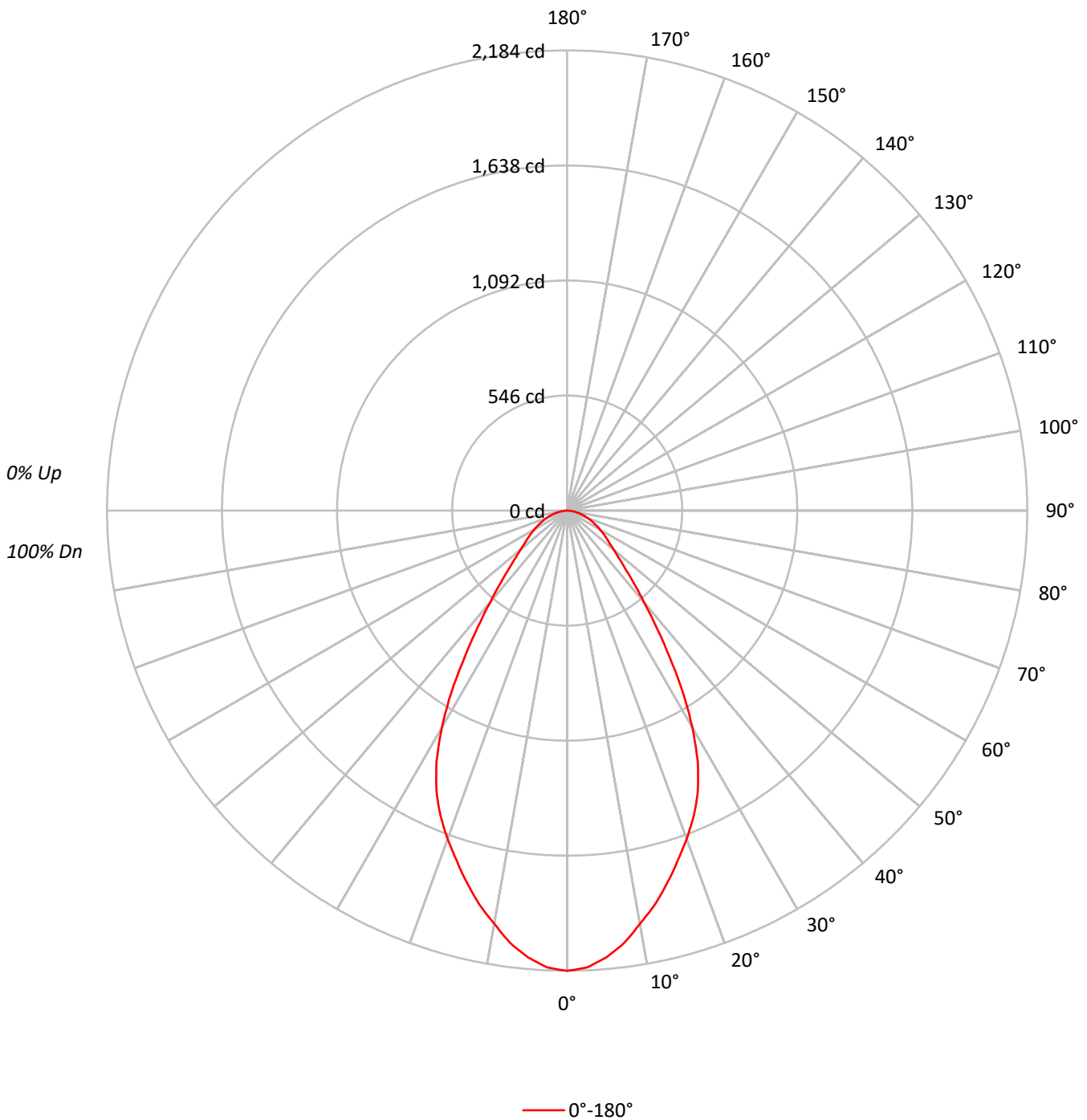
Input Watts (W): 27  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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	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	74	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°	59670
5°	58385
10°	55235
15°	51812
20°	48204
25°	44250
30°	37496
35°	28164
40°	20211
45°	15120
50°	12183
55°	10810
60°	9823
65°	9003
70°	8242
75°	7546
80°	6717
85°	5547



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	198.9	7.5
10°-20°	513.7	19.3
20°-30°	665.3	25.0
30°-40°	532.5	20.0
40°-50°	310.6	11.7
50°-60°	204.7	7.7
60°-70°	138.9	5.2
70°-80°	76.0	2.9
80°-90°	20.4	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°	1377.9	51.8
0°-40°	1910.5	71.8
0°-60°	2425.7	91.2
0°-90°	2661.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2661.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2184	
5°	2129	199
15°	1832	514
25°	1468	665
35°	845	533
45°	391	311
55°	227	205
65°	139	139
75°	72	76
85°	18	20
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	2184.5
2.5°	2170.5
5°	2129.3
7.5°	2070.3
10°	1991.4
12.5°	1917.7
15°	1832.2
17.5°	1743.1
20°	1658.3
22.5°	1569.9
25°	1468.2
27.5°	1342.1
30°	1188.8
32.5°	1023.0
35°	844.6
37.5°	695.0
40°	566.8
42.5°	469.5
45°	391.4
47.5°	331.7
50°	286.7
52.5°	252.8
55°	227.0
57.5°	203.4
60°	179.8
62.5°	159.2
65°	139.3
67.5°	121.6
70°	103.2
72.5°	87.0
75°	71.5
77.5°	56.8
80°	42.7
82.5°	29.5
85°	17.7
87.5°	6.6
90°	0.0

(END OF REPORT)