

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: P365968

Luminaire Tested: **FLD6BX10D010-FEU6B12-8050-F6LBXVM1-WMH**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P365968  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1910-544-11)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: FAIL-SAFE  
Catalog Number: FLD6BX10D010-FEU6B12-8050-F6LBXVM1-WMH  
Description: VANDAL RESISTANT OPEN, WARM HAZE REFLECTOR, 1000LM  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1085.0 lumens  
Efficiency: N/A  
Efficacy: 108.5 lumens/watt  
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.84  
Luminous Opening: Circular (Dia: 0.71' x H: 0')  
CIE Type: Direct

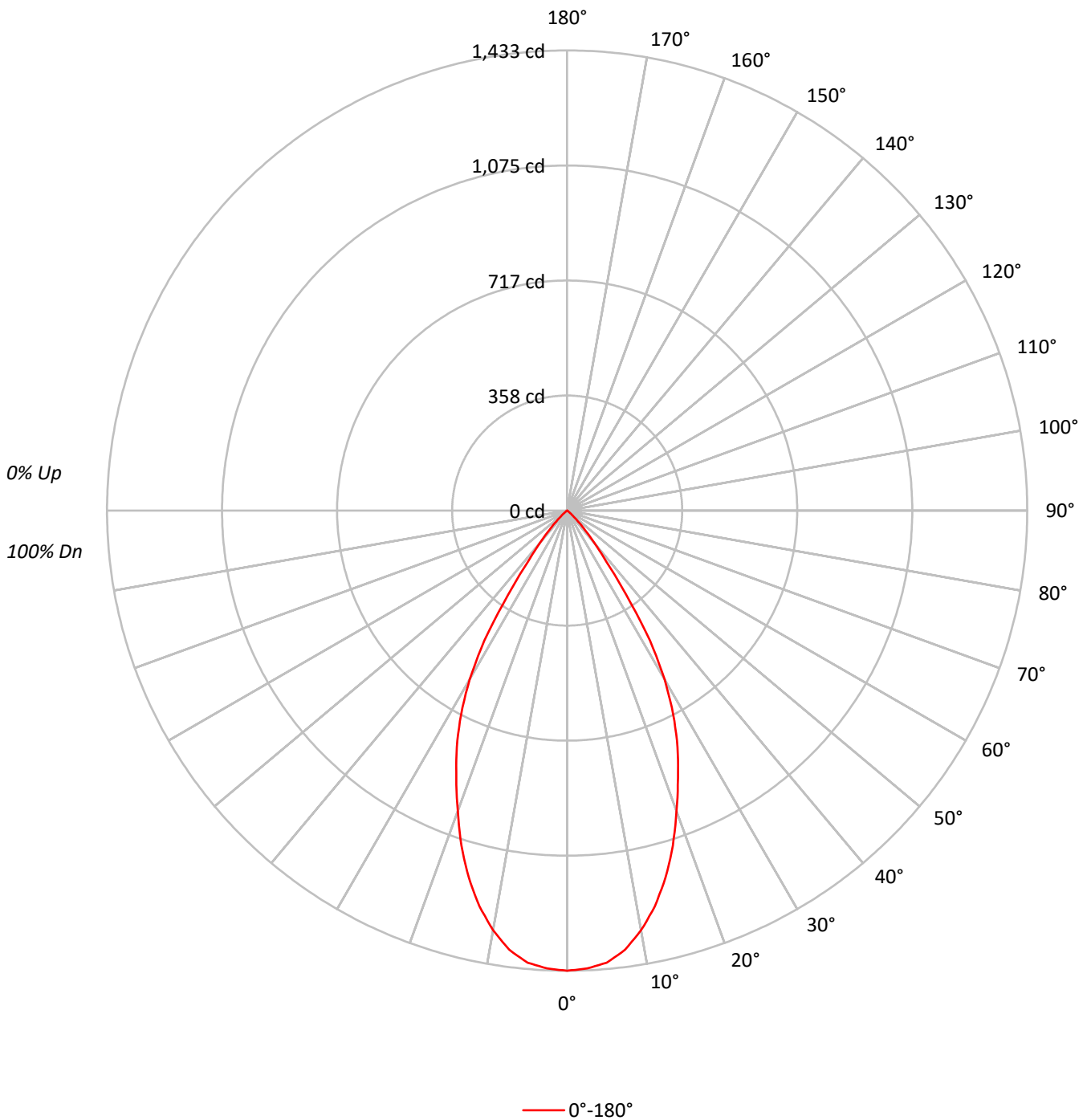
Input Watts (W): 10  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P365968

CATALOG NUMBER: FLD6BX10D010-FEU6B12-8050-F6LBXVM1-WMH

### Luminous Intensity Polar Plot





TEST NUMBER: P365968

CATALOG NUMBER: FLD6BX10D010-FEU6B12-8050-F6LBXVM1-WMH

**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	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94
2	109	104	100	97	106	102	99	96	99	96	94	96	94	92	93	91	90	88
3	103	97	93	89	101	96	92	88	93	90	87	91	88	85	89	86	84	82
4	98	91	86	82	97	90	85	82	88	84	81	86	83	80	84	81	79	77
5	94	86	80	76	92	85	80	76	83	79	75	82	78	75	80	77	74	72
6	89	81	75	71	88	80	75	71	79	74	70	77	73	70	76	72	69	68
7	85	76	71	67	84	76	70	66	74	70	66	73	69	66	72	68	65	64
8	81	72	66	63	80	72	66	62	71	66	62	70	65	62	69	65	62	60
9	78	68	63	59	77	68	62	59	67	62	59	66	62	58	65	61	58	57
10	74	65	59	56	73	64	59	56	64	59	55	63	58	55	62	58	55	54

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

	0°
0°	39143
5°	38752
10°	36809
15°	33462
20°	28949
25°	24515
30°	19136
35°	10654
40°	4668
45°	1877
50°	514
55°	90
60°	60
65°	52
70°	32
75°	42
80°	0
85°	0



TEST NUMBER: P365968

CATALOG NUMBER: FLD6BX10D010-FEU6B12-8050-F6LBXVM1-WMH

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	132.1	12.2
10°-20°	328.3	30.3
20°-30°	368.8	34.0
30°-40°	208.7	19.2
40°-50°	43.0	4.0
50°-60°	3.1	0.3
60°-70°	0.7	0.1
70°-80°	0.3	0.0
80°-90°	0.0	0.0
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°	829.3	76.4
0°-40°	1038.0	95.7
0°-60°	1084.1	99.9
0°-90°	1085.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1085.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1433	
5°	1413	132
15°	1183	328
25°	813	369
35°	320	209
45°	49	43
55°	2	3
65°	1	1
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P365968

CATALOG NUMBER: FLD6BX10D010-FEU6B12-8050-F6LBXVM1-WMH

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1433.0
2.5°	1426.9
5°	1413.3
7.5°	1379.5
10°	1327.1
12.5°	1261.9
15°	1183.3
17.5°	1094.2
20°	995.9
22.5°	901.8
25°	813.4
27.5°	715.5
30°	606.7
32.5°	479.9
35°	319.5
37.5°	200.3
40°	130.9
42.5°	82.7
45°	48.6
47.5°	25.8
50°	12.1
52.5°	4.2
55°	1.9
57.5°	1.5
60°	1.1
62.5°	0.8
65°	0.8
67.5°	0.4
70°	0.4
72.5°	0.4
75°	0.4
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)