

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: P365194

Luminaire Tested: **FLD6BX10D010-FEU6B12-8030-F6LBXVM1-MW**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P365194
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: FLD6BX10D010-FEU6B12-8030-F6LBXVM1-MW
Description: VANDAL RESISTANT OPEN, MATTE WHITE REFLECTOR, 1000LM
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 923.9 lumens
Efficiency: N/A
Efficacy: 92.4 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

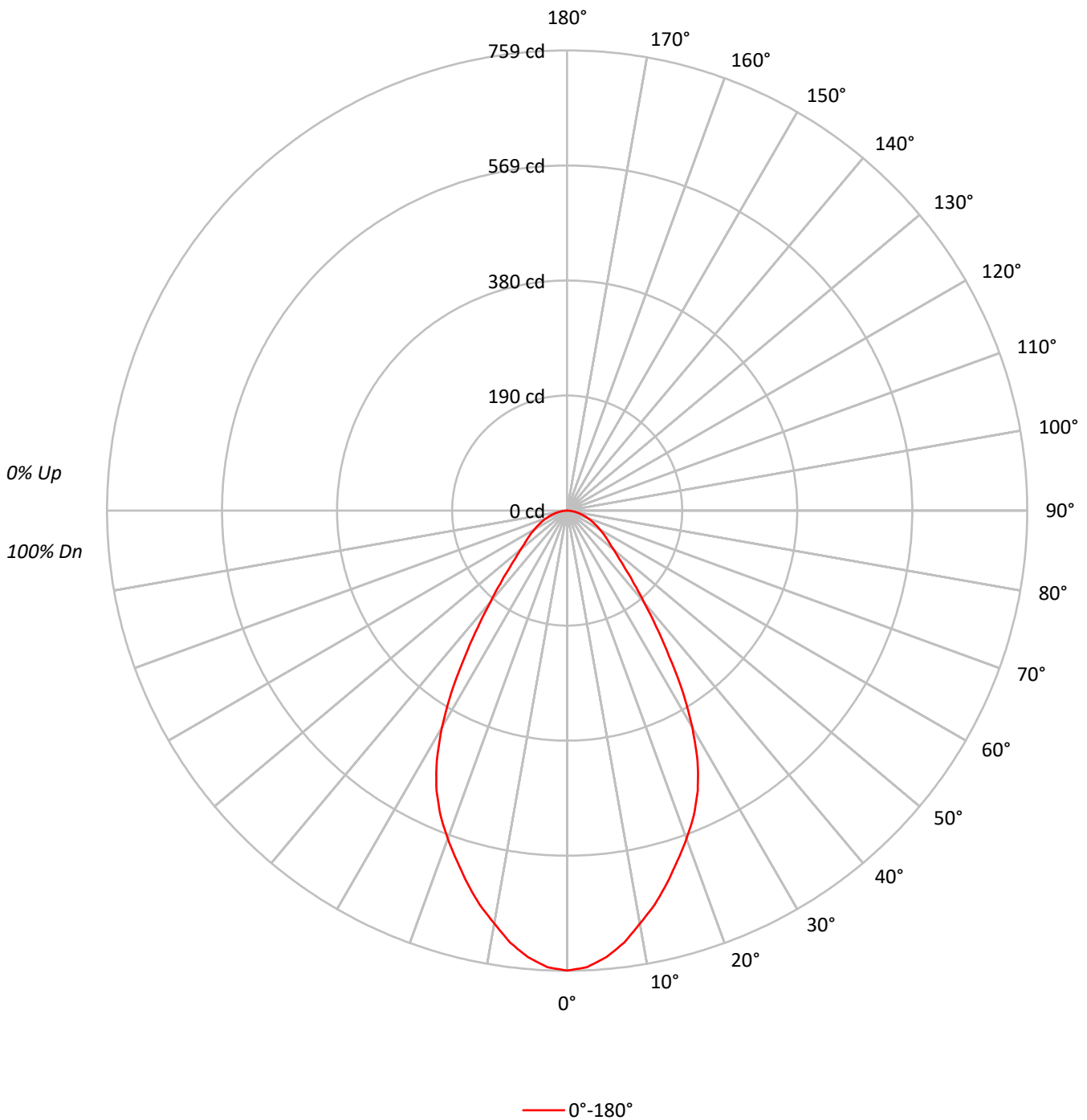
Input Watts (W): 10
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P365194

CATALOG NUMBER: FLD6BX10D010-FEU6B12-8030-F6LBXVM1-MW

Luminous Intensity Polar Plot





TEST NUMBER: P365194

CATALOG NUMBER: FLD6BX10D010-FEU6B12-8030-F6LBXVM1-MW

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°	20721
5°	20274
10°	19180
15°	17991
20°	16738
25°	15365
30°	13020
35°	9780
40°	7017
45°	5250
50°	4233
55°	3753
60°	3409
65°	3128
70°	2859
75°	2617
80°	2328
85°	1912



TEST NUMBER: P365194

CATALOG NUMBER: FLD6BX10D010-FEU6B12-8030-F6LBXVM1-MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	69.1	7.5
10°-20°	178.4	19.3
20°-30°	231.0	25.0
30°-40°	184.9	20.0
40°-50°	107.8	11.7
50°-60°	71.1	7.7
60°-70°	48.2	5.2
70°-80°	26.4	2.9
80°-90°	7.1	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°	478.5	51.8
0°-40°	663.4	71.8
0°-60°	842.3	91.2
0°-90°	923.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	923.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	759	
5°	739	69
15°	636	178
25°	510	231
35°	293	185
45°	136	108
55°	79	71
65°	48	48
75°	25	26
85°	6	7
90°	0	



TEST NUMBER: P365194

CATALOG NUMBER: FLD6BX10D010-FEU6B12-8030-F6LBXVM1-MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	758.6
2.5°	753.7
5°	739.4
7.5°	718.9
10°	691.5
12.5°	665.9
15°	636.2
17.5°	605.3
20°	575.8
22.5°	545.1
25°	509.8
27.5°	466.0
30°	412.8
32.5°	355.2
35°	293.3
37.5°	241.3
40°	196.8
42.5°	163.0
45°	135.9
47.5°	115.2
50°	99.6
52.5°	87.8
55°	78.8
57.5°	70.6
60°	62.4
62.5°	55.3
65°	48.4
67.5°	42.2
70°	35.8
72.5°	30.2
75°	24.8
77.5°	19.7
80°	14.8
82.5°	10.2
85°	6.1
87.5°	2.3
90°	0.0

(END OF REPORT)