

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: P365302

Luminaire Tested: **FLD6BX15D010-FEU6B12-8035-F6LBXVM1-MW**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P365302
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-FEU6B12-8035-F6LBXVM1-MW
Description: VANDAL RESISTANT OPEN, MATTE WHITE REFLECTOR, 1500LM
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1281.9 lumens
Efficiency: N/A
Efficacy: 90.3 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

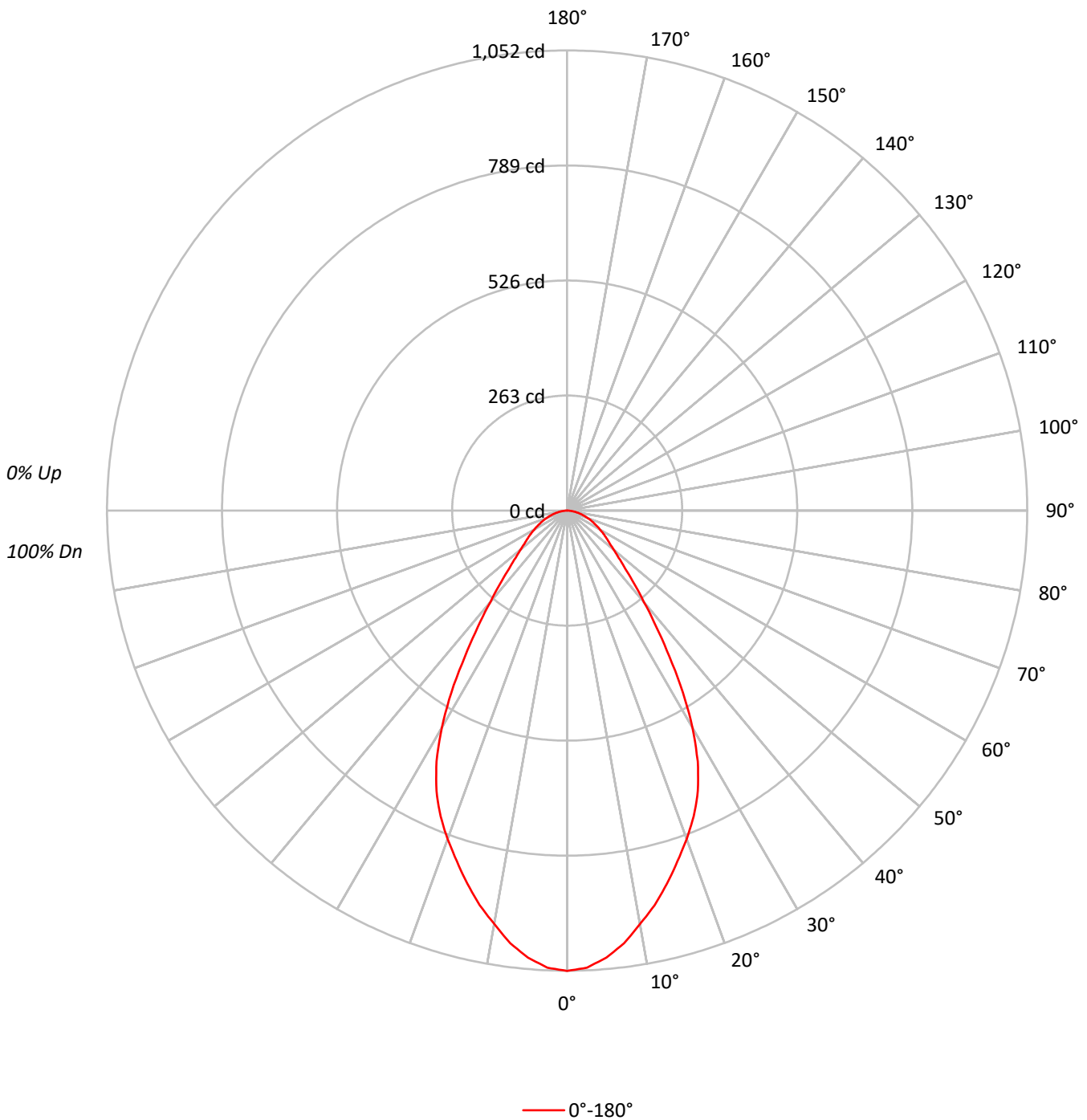
Input Watts (W): 14.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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°	28749
5°	28127
10°	26611
15°	24962
20°	23223
25°	21317
30°	18064
35°	13568
40°	9738
45°	7282
50°	5869
55°	5210
60°	4731
65°	4337
70°	3969
75°	3631
80°	3240
85°	2664



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	95.8	7.5
10°-20°	247.5	19.3
20°-30°	320.5	25.0
30°-40°	256.5	20.0
40°-50°	149.6	11.7
50°-60°	98.6	7.7
60°-70°	66.9	5.2
70°-80°	36.6	2.9
80°-90°	9.8	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°	663.8	51.8
0°-40°	920.4	71.8
0°-60°	1168.6	91.2
0°-90°	1281.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1281.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1052	
5°	1026	96
15°	883	247
25°	707	321
35°	407	257
45°	188	150
55°	109	99
65°	67	67
75°	34	37
85°	8	10
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1052.5
2.5°	1045.7
5°	1025.8
7.5°	997.4
10°	959.4
12.5°	923.9
15°	882.7
17.5°	839.8
20°	798.9
22.5°	756.3
25°	707.3
27.5°	646.6
30°	572.7
32.5°	492.8
35°	406.9
37.5°	334.8
40°	273.1
42.5°	226.2
45°	188.5
47.5°	159.8
50°	138.1
52.5°	121.8
55°	109.4
57.5°	98.0
60°	86.6
62.5°	76.7
65°	67.1
67.5°	58.6
70°	49.7
72.5°	41.9
75°	34.4
77.5°	27.3
80°	20.6
82.5°	14.2
85°	8.5
87.5°	3.2
90°	0.0

(END OF REPORT)