

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: P365320

Luminaire Tested: **FLD6BX15D010-FEU6B12-8040-F6LBXVM1-MW**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P365320
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-FEU6B12-8040-F6LBXVM1-MW
Description: VANDAL RESISTANT OPEN, MATTE WHITE REFLECTOR, 1500LM
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1296.0 lumens
Efficiency: N/A
Efficacy: 91.3 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

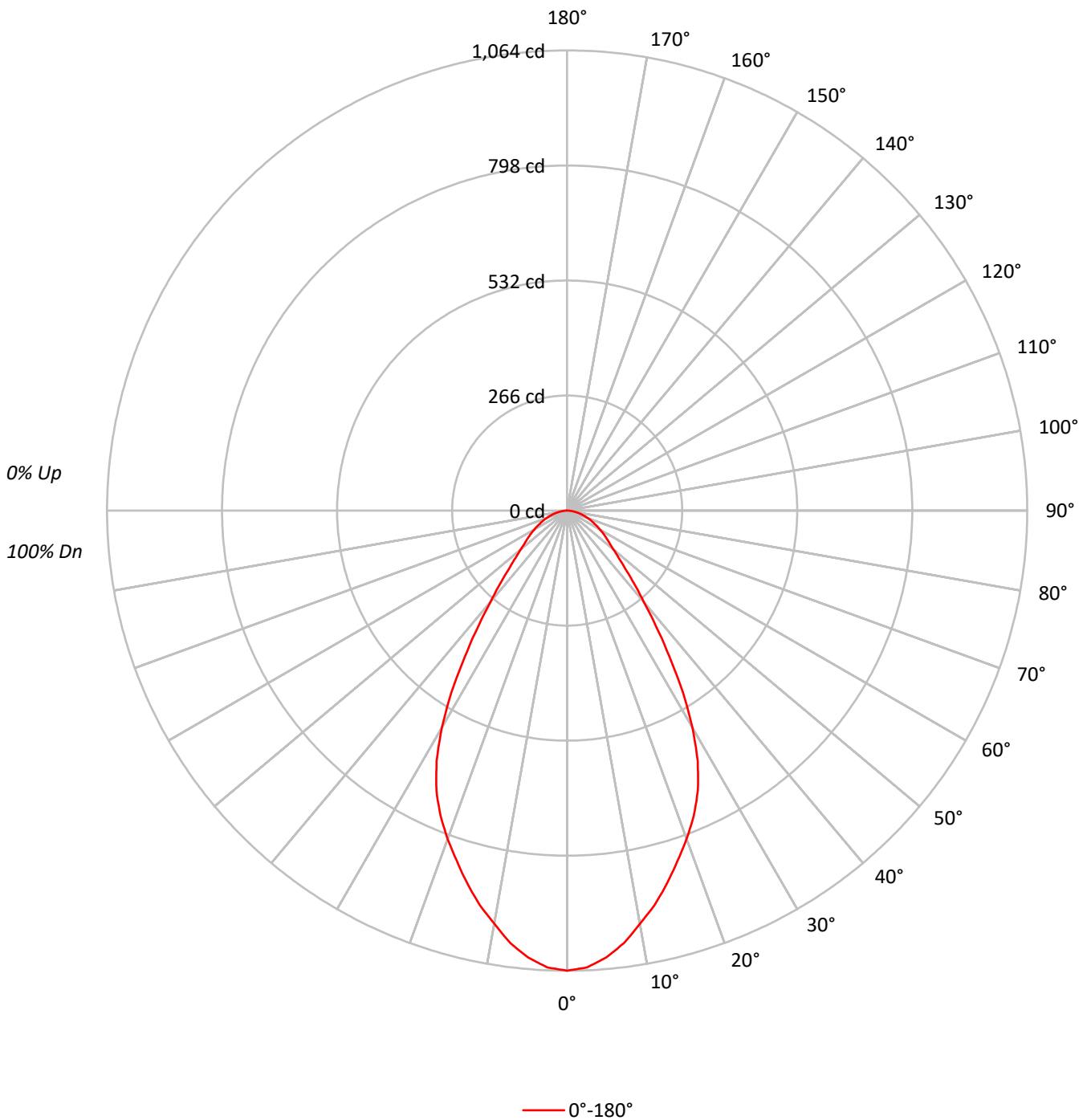
Input Watts (W): 14.2
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P365320

CATALOG NUMBER: FLD6BX15D010-FEU6B12-8040-F6LBXVM1-MW

Luminous Intensity Polar Plot





TEST NUMBER: P365320

CATALOG NUMBER: FLD6BX15D010-FEU6B12-8040-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°	29061
5°	28434
10°	26902
15°	25236
20°	23478
25°	21549
30°	18262
35°	13718
40°	9841
45°	7363
50°	5932
55°	5267
60°	4786
65°	4382
70°	4017
75°	3673
80°	3272
85°	2695



TEST NUMBER: P365320

CATALOG NUMBER: FLD6BX15D010-FEU6B12-8040-F6LBXVM1-MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.9	7.5
10°-20°	250.2	19.3
20°-30°	324.0	25.0
30°-40°	259.4	20.0
40°-50°	151.2	11.7
50°-60°	99.7	7.7
60°-70°	67.6	5.2
70°-80°	37.0	2.9
80°-90°	10.0	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°	671.1	51.8
0°-40°	930.5	71.8
0°-60°	1181.4	91.2
0°-90°	1296.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1296.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1064	
5°	1037	97
15°	892	250
25°	715	324
35°	411	259
45°	191	151
55°	111	100
65°	68	68
75°	35	37
85°	9	10
90°	0	



TEST NUMBER: P365320

CATALOG NUMBER: FLD6BX15D010-FEU6B12-8040-F6LBXVM1-MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1063.9
2.5°	1057.1
5°	1037.0
7.5°	1008.3
10°	969.9
12.5°	934.0
15°	892.4
17.5°	848.9
20°	807.7
22.5°	764.6
25°	715.0
27.5°	653.7
30°	579.0
32.5°	498.2
35°	411.4
37.5°	338.5
40°	276.0
42.5°	228.7
45°	190.6
47.5°	161.5
50°	139.6
52.5°	123.1
55°	110.6
57.5°	99.1
60°	87.6
62.5°	77.5
65°	67.8
67.5°	59.2
70°	50.3
72.5°	42.4
75°	34.8
77.5°	27.6
80°	20.8
82.5°	14.4
85°	8.6
87.5°	3.2
90°	0.0

(END OF REPORT)