

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: P365464

Luminaire Tested: **FLD6BX30D010-FEU6B35-8030-F6LBXVM1-MW**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P365464
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-FEU6B35-8030-F6LBXVM1-MW
Description: VANDAL RESISTANT OPEN, MATTE WHITE REFLECTOR, 3000LM
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2520.0 lumens
Efficiency: N/A
Efficacy: 93.3 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

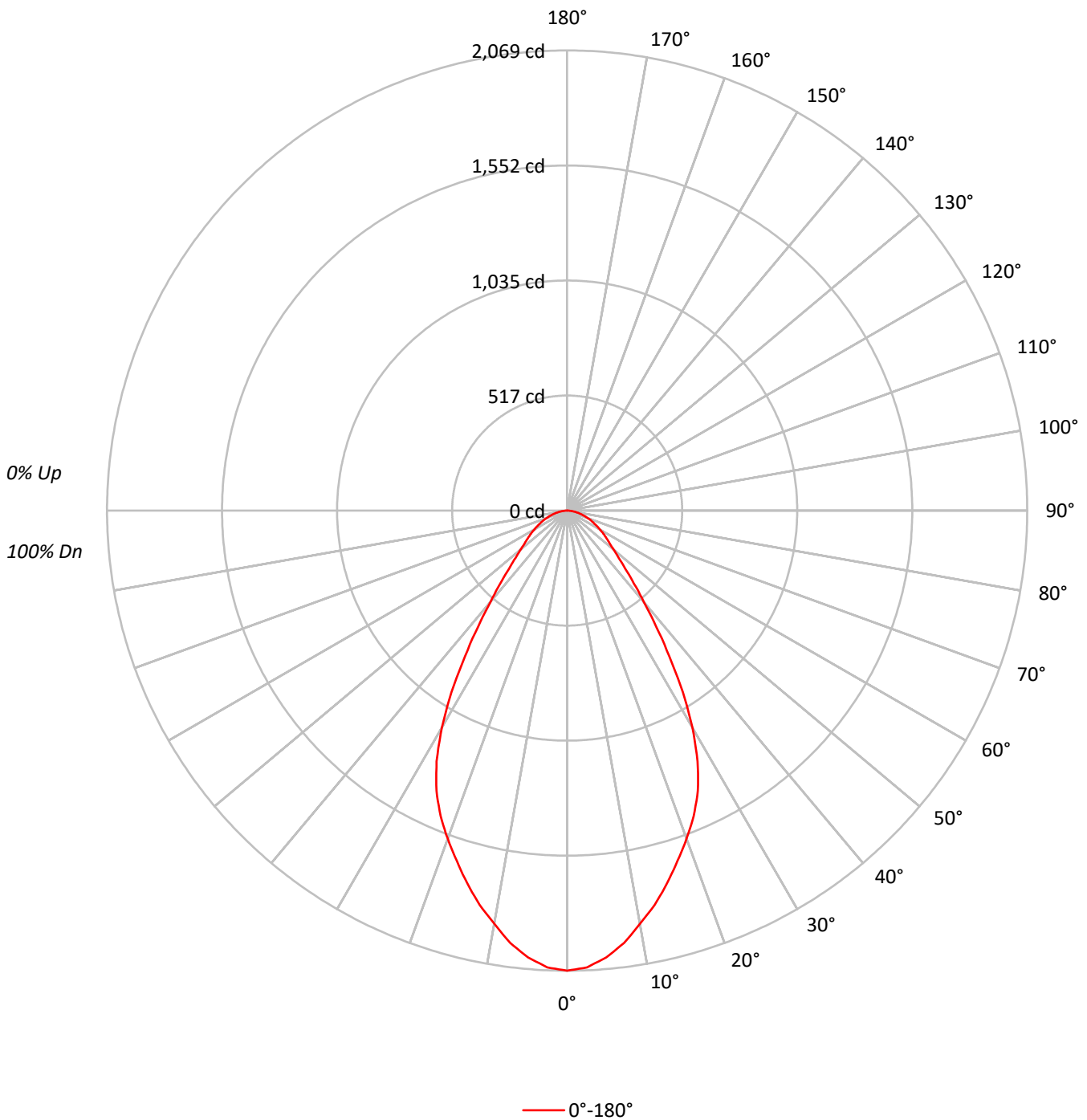
Input Watts (W): 27
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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°	56510
5°	55289
10°	52309
15°	49069
20°	45649
25°	41905
30°	35509
35°	26673
40°	19137
45°	14316
50°	11537
55°	10239
60°	9304
65°	8525
70°	7803
75°	7145
80°	6371
85°	5265



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	188.4	7.5
10°-20°	486.5	19.3
20°-30°	630.1	25.0
30°-40°	504.3	20.0
40°-50°	294.1	11.7
50°-60°	193.8	7.7
60°-70°	131.5	5.2
70°-80°	72.0	2.9
80°-90°	19.4	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°	1304.9	51.8
0°-40°	1809.2	71.8
0°-60°	2297.1	91.2
0°-90°	2520.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2520.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2069	
5°	2016	188
15°	1735	486
25°	1390	630
35°	800	504
45°	371	294
55°	215	194
65°	132	132
75°	68	72
85°	17	19
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	2068.8
2.5°	2055.5
5°	2016.4
7.5°	1960.6
10°	1885.9
12.5°	1816.1
15°	1735.2
17.5°	1650.7
20°	1570.4
22.5°	1486.7
25°	1390.4
27.5°	1271.0
30°	1125.8
32.5°	968.8
35°	799.9
37.5°	658.2
40°	536.7
42.5°	444.6
45°	370.6
47.5°	314.1
50°	271.5
52.5°	239.4
55°	215.0
57.5°	192.6
60°	170.3
62.5°	150.8
65°	131.9
67.5°	115.2
70°	97.7
72.5°	82.4
75°	67.7
77.5°	53.7
80°	40.5
82.5°	27.9
85°	16.8
87.5°	6.3
90°	0.0

(END OF REPORT)