

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: P365500

Luminaire Tested: **FLD6BX30D010-FEU6B35-8040-F6LBXVM1-MW**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P365500
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-FEU6B35-8040-F6LBXVM1-MW
Description: VANDAL RESISTANT OPEN, MATTE WHITE REFLECTOR, 3000LM
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2598.0 lumens
Efficiency: N/A
Efficacy: 96.2 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

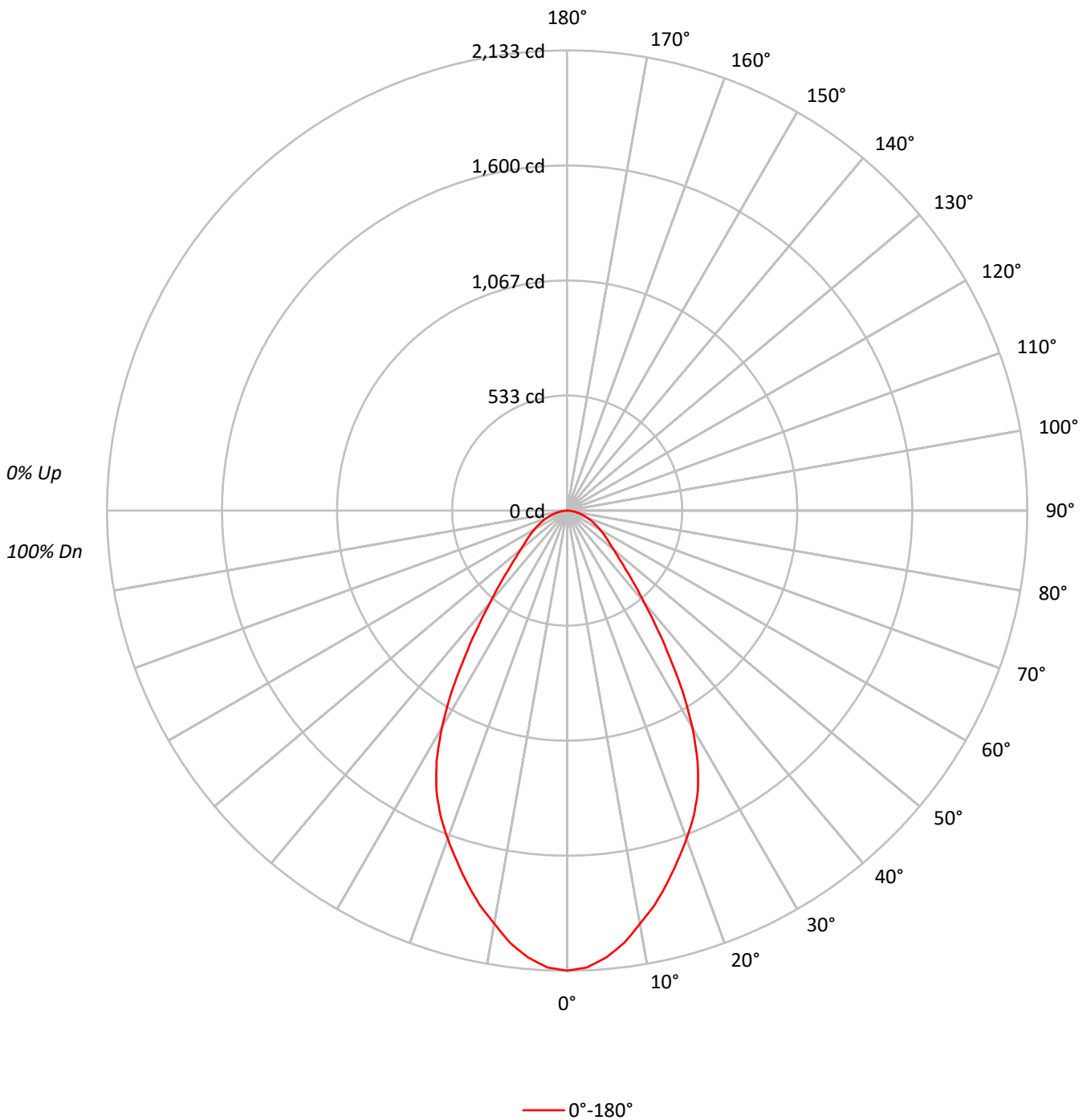
Input Watts (W): 27
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	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°	58258
5°	57003
10°	53928
15°	50588
20°	47062
25°	43201
30°	36610
35°	27497
40°	19733
45°	14760
50°	11894
55°	10553
60°	9593
65°	8790
70°	8042
75°	7367
80°	6560
85°	5422



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	194.2	7.5
10°-20°	501.5	19.3
20°-30°	649.5	25.0
30°-40°	519.9	20.0
40°-50°	303.2	11.7
50°-60°	199.8	7.7
60°-70°	135.6	5.2
70°-80°	74.2	2.9
80°-90°	20.0	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°	1345.3	51.8
0°-40°	1865.2	71.8
0°-60°	2368.3	91.2
0°-90°	2598.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2598.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2133	
5°	2079	194
15°	1789	502
25°	1433	650
35°	825	520
45°	382	303
55°	222	200
65°	136	136
75°	70	74
85°	17	20
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	2132.8
2.5°	2119.1
5°	2078.9
7.5°	2021.3
10°	1944.3
12.5°	1872.3
15°	1788.9
17.5°	1701.8
20°	1619.0
22.5°	1532.7
25°	1433.4
27.5°	1310.3
30°	1160.7
32.5°	998.8
35°	824.6
37.5°	678.6
40°	553.4
42.5°	458.4
45°	382.1
47.5°	323.8
50°	279.9
52.5°	246.8
55°	221.6
57.5°	198.6
60°	175.6
62.5°	155.4
65°	136.0
67.5°	118.7
70°	100.7
72.5°	84.9
75°	69.8
77.5°	55.4
80°	41.7
82.5°	28.8
85°	17.3
87.5°	6.5
90°	0.0

(END OF REPORT)