

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: P366238

Luminaire Tested: **FLD6BX30D010-FEU6B35-8050-F6LBXVM1-WMH**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P366238
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1910-544-11)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FLD6BX30D010-FEU6B35-8050-F6LBXVM1-WMH
Description: VANDAL RESISTANT OPEN, WARM HAZE REFLECTOR, 3000LM
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2960.0 lumens
Efficiency: N/A
Efficacy: 109.6 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.84
Luminous Opening: Circular (Dia: 0.71' x H: 0')
CIE Type: Direct

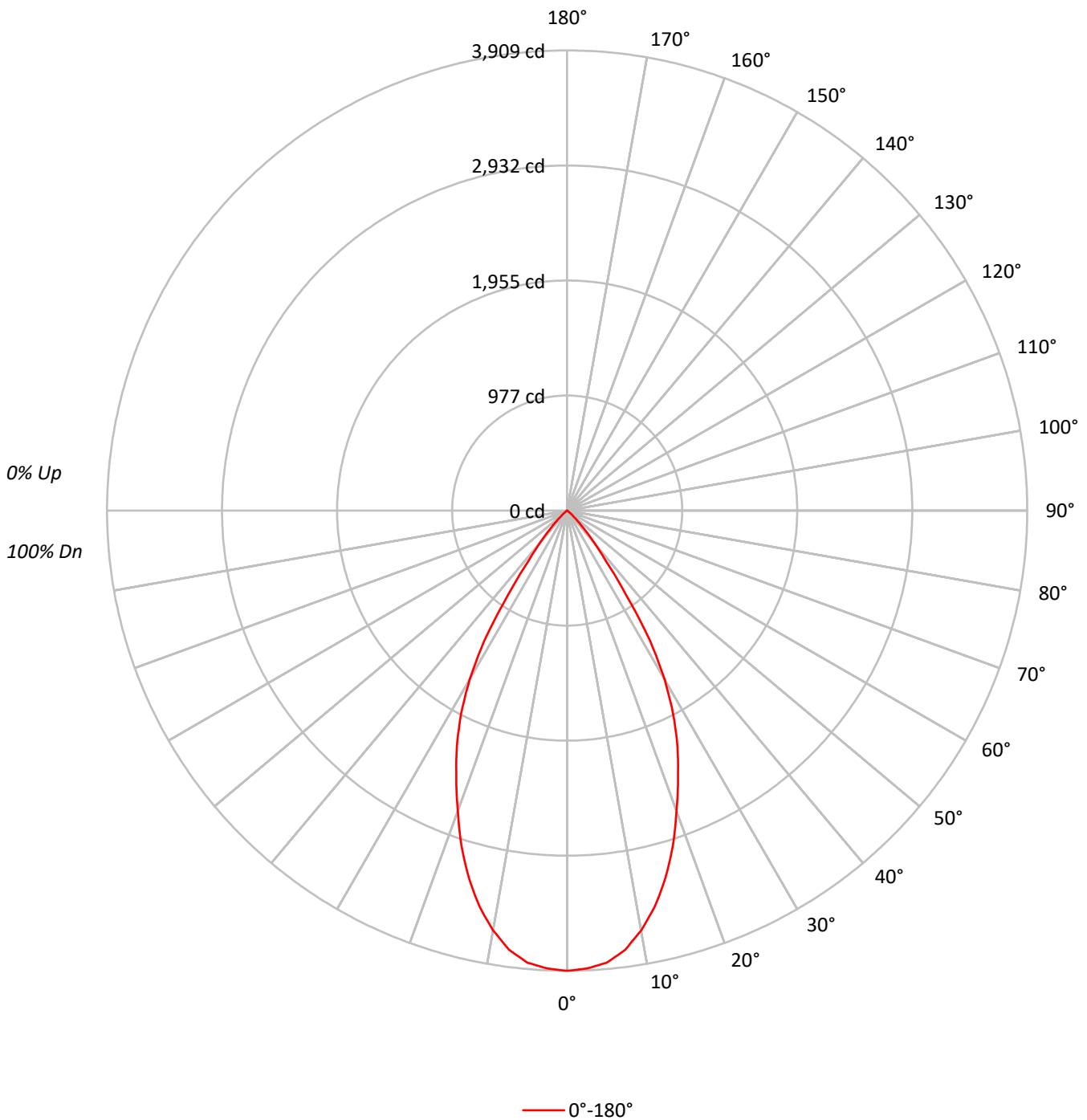
Input Watts (W): 27
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P366238

CATALOG NUMBER: FLD6BX30D010-FEU6B35-8050-F6LBXVM1-WMH

Luminous Intensity Polar Plot





TEST NUMBER: P366238

CATALOG NUMBER: FLD6BX30D010-FEU6B35-8050-F6LBXVM1-WMH

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	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94
2	109	104	100	97	106	102	99	96	99	96	94	96	94	92	93	91	90	88
3	103	97	93	89	101	96	92	88	93	90	87	91	88	85	89	86	84	82
4	98	91	86	82	97	90	85	82	88	84	81	86	83	80	84	81	79	77
5	94	86	80	76	92	85	80	76	83	79	75	82	78	75	80	77	74	72
6	89	81	75	71	88	80	75	71	79	74	70	77	73	70	76	72	69	68
7	85	76	71	67	84	76	70	66	74	70	66	73	69	66	72	68	65	64
8	81	72	66	63	80	72	66	62	71	66	62	70	65	62	69	65	62	60
9	78	68	63	59	77	68	62	59	67	62	59	66	62	58	65	61	58	57
10	74	65	59	56	73	64	59	56	64	59	55	63	58	55	62	58	55	54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	106784
5°	105716
10°	100423
15°	91293
20°	78979
25°	66882
30°	52200
35°	29061
40°	12733
45°	5118
50°	1407
55°	248
60°	169
65°	136
70°	80
75°	106
80°	0
85°	0



TEST NUMBER: P366238

CATALOG NUMBER: FLD6BX30D010-FEU6B35-8050-F6LBXVM1-WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	360.4	12.2
10°-20°	895.7	30.3
20°-30°	1006.2	34.0
30°-40°	569.3	19.2
40°-50°	117.4	4.0
50°-60°	8.5	0.3
60°-70°	1.8	0.1
70°-80°	0.7	0.0
80°-90°	0.0	0.0
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°	2262.4	76.4
0°-40°	2831.7	95.7
0°-60°	2957.5	99.9
0°-90°	2960.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2960.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3909	
5°	3856	360
15°	3228	896
25°	2219	1006
35°	872	569
45°	132	117
55°	5	8
65°	2	2
75°	1	1
85°	0	0
90°	0	



TEST NUMBER: P366238

CATALOG NUMBER: FLD6BX30D010-FEU6B35-8050-F6LBXVM1-WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	3909.3
2.5°	3892.8
5°	3855.5
7.5°	3763.4
10°	3620.6
12.5°	3442.5
15°	3228.3
17.5°	2985.0
20°	2717.0
22.5°	2460.3
25°	2219.1
27.5°	1952.1
30°	1655.0
32.5°	1309.3
35°	871.5
37.5°	546.5
40°	357.1
42.5°	225.6
45°	132.5
47.5°	70.4
50°	33.1
52.5°	11.4
55°	5.2
57.5°	4.1
60°	3.1
62.5°	2.1
65°	2.1
67.5°	1.0
70°	1.0
72.5°	1.0
75°	1.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)