

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: P366167

Luminaire Tested: **FLD6BX30D010-FEU6B35-8030-F6LBXVM1-WMH-BL84**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P366167
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1910-544-47)
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-WMH-BL84
Description: VANDAL RESISTANT ENCLOSED BOTTOM LENS, WARM HAZE REFLECTOR, BOTTOM LENS POLYCARBONATE, CLEAR 0.125", 3000LM
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2569.0 lumens
Efficiency: N/A
Efficacy: 95.1 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.85
Luminous Opening: Circular (Dia: 0.71' x H: 0')
CIE Type: Direct

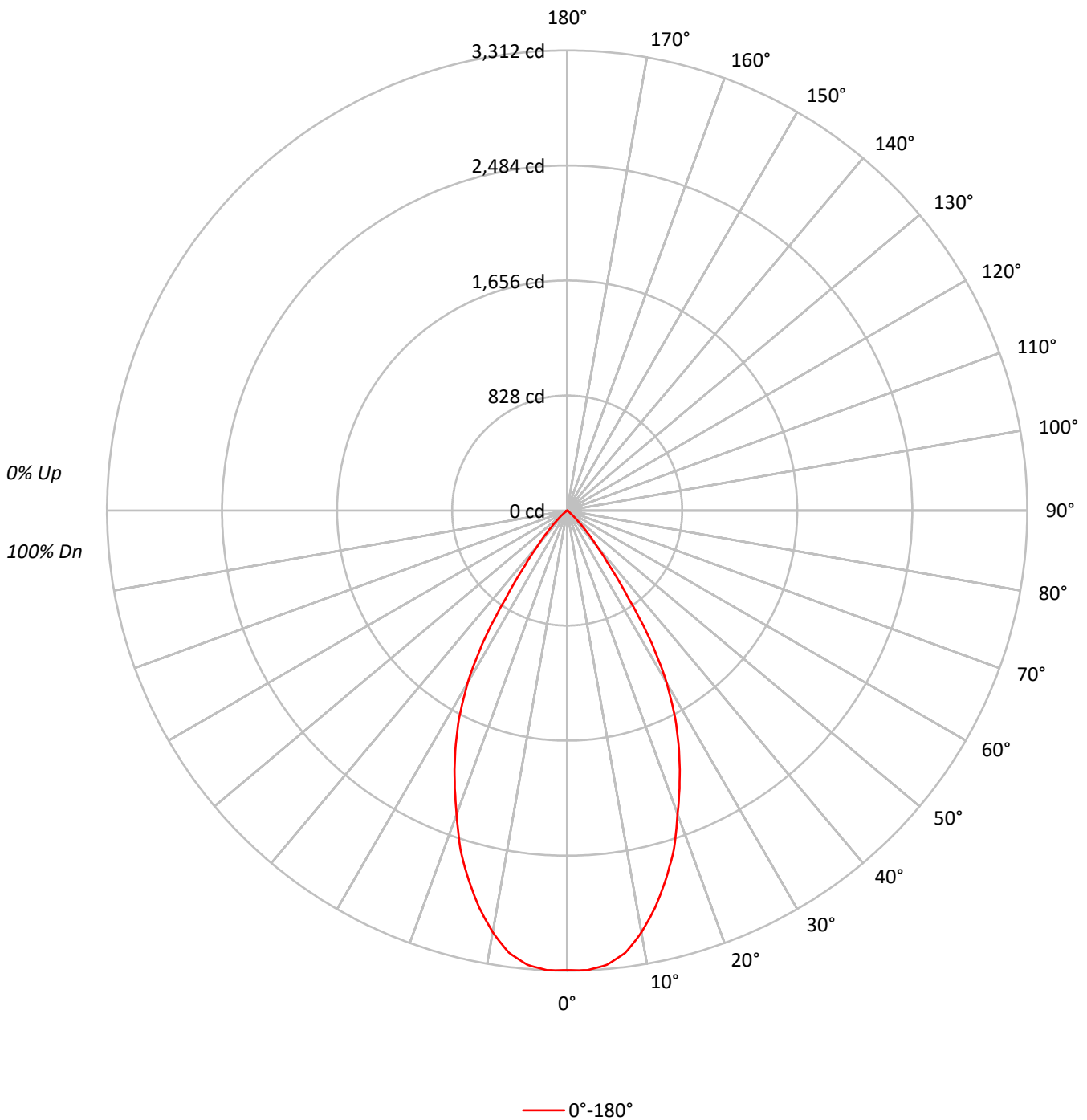
Input Watts (W): 27
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P366167

CATALOG NUMBER: FLD6BX30D010-FEU6B35-8030-F6LBXVM1-WMH-BL84

Luminous Intensity Polar Plot





TEST NUMBER: P366167

CATALOG NUMBER: FLD6BX30D010-FEU6B35-8030-F6LBXVM1-WMH-BL84

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	106	111	109	107	105	105	103	102	101	100	99	98	97	96	94
2	108	104	100	97	106	102	98	95	99	96	93	96	93	91	93	91	89	88
3	103	97	92	88	101	96	91	88	93	89	86	91	88	85	88	86	84	82
4	98	91	86	82	96	90	85	81	88	83	80	86	82	79	84	81	78	77
5	93	85	80	76	92	85	79	75	83	78	75	81	77	74	80	76	73	72
6	89	80	75	71	88	80	74	70	78	73	70	77	73	69	76	72	69	68
7	85	76	70	66	83	75	70	66	74	69	65	73	68	65	72	68	65	63
8	81	72	66	62	80	71	66	62	70	65	62	69	65	61	68	64	61	60
9	77	68	62	58	76	67	62	58	66	62	58	66	61	58	65	61	58	56
10	74	64	59	55	73	64	59	55	63	58	55	62	58	55	62	58	55	53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	90375
5°	89994
10°	85490
15°	77657
20°	67575
25°	57451
30°	45192
35°	25786
40°	11603
45°	4883
50°	1543
55°	467
60°	322
65°	252
70°	232
75°	306
80°	157
85°	313



TEST NUMBER: P366167

CATALOG NUMBER: FLD6BX30D010-FEU6B35-8030-F6LBXVM1-WMH-BL84

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	307.0	12.0
10°-20°	763.9	29.7
20°-30°	865.6	33.7
30°-40°	501.8	19.5
40°-50°	111.3	4.3
50°-60°	12.2	0.5
60°-70°	4.0	0.2
70°-80°	2.6	0.1
80°-90°	0.7	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°	1936.5	75.4
0°-40°	2438.3	94.9
0°-60°	2561.8	99.7
0°-90°	2569.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2569.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3309	
5°	3282	307
15°	2746	764
25°	1906	866
35°	773	502
45°	126	111
55°	10	12
65°	4	4
75°	3	3
85°	1	1
90°	0	



TEST NUMBER: P366167

CATALOG NUMBER: FLD6BX30D010-FEU6B35-8030-F6LBXVM1-WMH-BL84

CANDELA DISTRIBUTION (FULL):

0°	
0°	3308.6
2.5°	3311.6
5°	3282.1
7.5°	3210.6
10°	3082.2
12.5°	2926.4
15°	2746.1
17.5°	2555.9
20°	2324.7
22.5°	2115.9
25°	1906.2
27.5°	1682.7
30°	1432.8
32.5°	1137.8
35°	773.3
37.5°	496.9
40°	325.4
42.5°	212.7
45°	126.4
47.5°	70.6
50°	36.3
52.5°	16.7
55°	9.8
57.5°	7.8
60°	5.9
62.5°	4.9
65°	3.9
67.5°	2.9
70°	2.9
72.5°	2.9
75°	2.9
77.5°	2.0
80°	1.0
82.5°	1.0
85°	1.0
87.5°	0.0
90°	0.0

(END OF REPORT)