

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: P366200

Luminaire Tested: **FLD6BX30D010-FEU6B35-8035-F6LBXVM1-WMH-BTR89BV**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P366200
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1910-544-28)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FLD6BX30D010-FEU6B35-8035-F6LBXVM1-WMH-BTR89BV
Description: VANDAL RESISTANT ENCLOSED BOTTOM TRIM RING, WARM HAZE REFLECTOR,
BOTTOM TRIM ACRYLIC, CLEAR 0.125", 3000LM
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2325.0 lumens
Efficiency: N/A
Efficacy: 86.1 lumens/watt
Spacing Criteria (0/90/45): 0.81 / 0.81 / 0.8
Luminous Opening: Circular (Dia: 0.44' x H: 0')
CIE Type: Direct

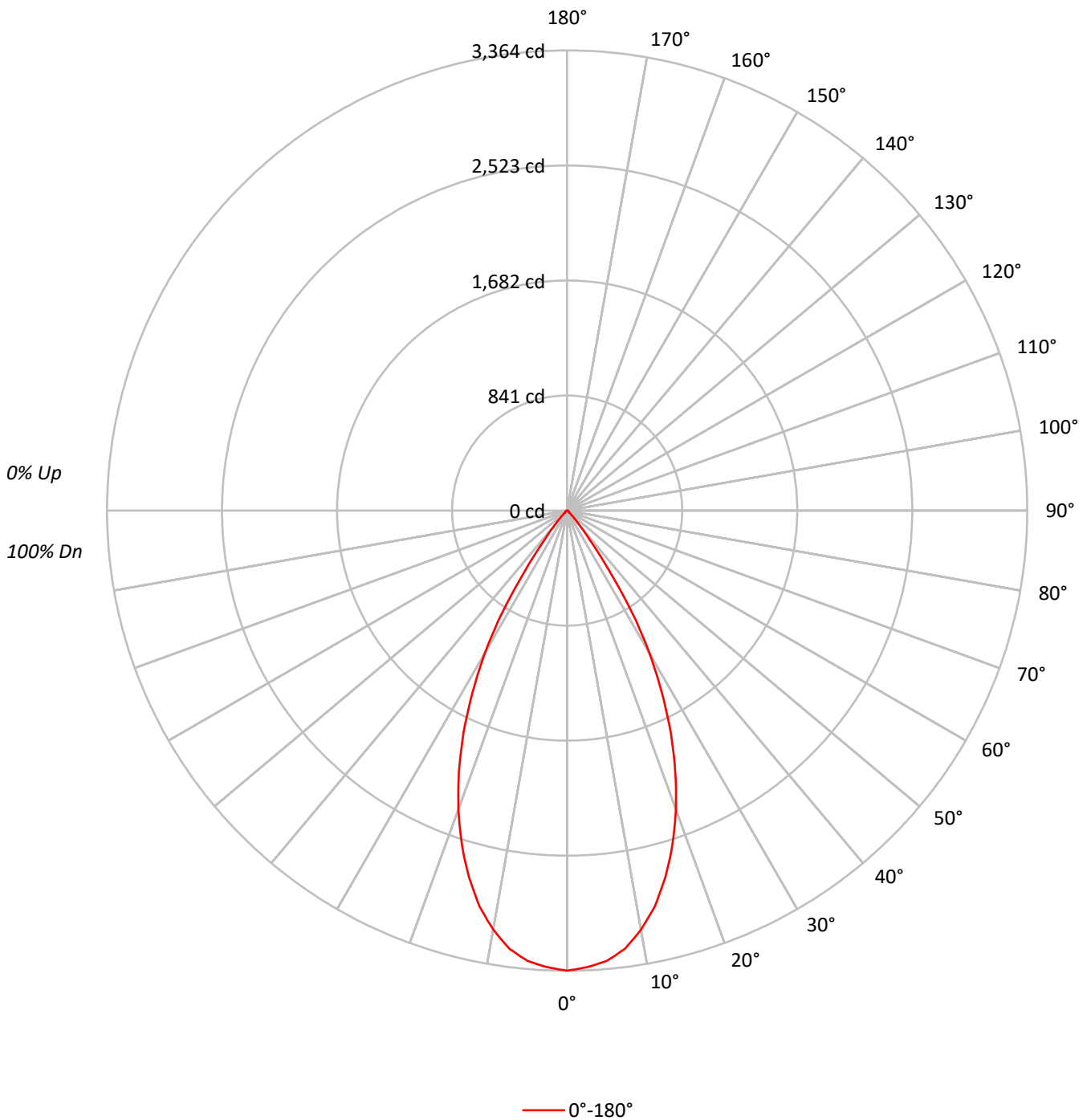
Input Watts (W): 27
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P366200

CATALOG NUMBER: FLD6BX30D010-FEU6B35-8035-F6LBXVM1-WMH-BTR89BV

Luminous Intensity Polar Plot





TEST NUMBER: P366200

CATALOG NUMBER: FLD6BX30D010-FEU6B35-8035-F6LBXVM1-WMH-BTR89BV

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	50	30	10
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	92	90	88		
3	104	98	93	89	102	96	92	89	94	90	87	91	88	86	89	87	85	83		
4	99	92	87	83	97	91	86	82	89	85	81	87	83	80	85	82	80	78		
5	94	87	81	77	93	86	81	77	84	80	76	82	79	76	81	78	75	74		
6	90	82	76	72	89	81	76	72	80	75	72	78	74	71	77	74	71	69		
7	86	78	72	68	85	77	72	68	76	71	68	75	70	67	74	70	67	66		
8	82	74	68	64	81	73	68	64	72	67	64	71	67	64	70	66	63	62		
9	79	70	65	61	78	70	64	61	69	64	61	68	63	60	67	63	60	59		
10	76	67	61	58	75	66	61	58	65	61	57	65	60	57	64	60	57	56		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	240833
5°	237584
10°	226146
15°	205586
20°	177029
25°	141520
30°	99231
35°	46161
40°	14581
45°	4557
50°	2005
55°	1873
60°	1718
65°	1525
70°	1675
75°	1937
80°	2474
85°	4108



TEST NUMBER: P366200

CATALOG NUMBER: FLD6BX30D010-FEUG6B35-8035-F6LBXVM1-WMH-BTR89BV

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	309.4	13.3
10°-20°	769.0	33.1
20°-30°	808.5	34.8
30°-40°	358.7	15.4
40°-50°	44.9	1.9
50°-60°	13.4	0.6
60°-70°	9.4	0.4
70°-80°	7.4	0.3
80°-90°	4.4	0.2
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°	1886.9	81.2
0°-40°	2245.6	96.6
0°-60°	2303.8	99.1
0°-90°	2325.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2325.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3364	
5°	3306	309
15°	2773	769
25°	1791	808
35°	528	359
45°	45	45
55°	15	13
65°	9	9
75°	7	7
85°	5	4
90°	0	



TEST NUMBER: P366200

CATALOG NUMBER: FLD6BX30D010-FEU6B35-8035-F6LBXVM1-WMH-BTR89BV

CANDELA DISTRIBUTION (FULL):

	0°
0°	3363.5
2.5°	3341.5
5°	3305.5
7.5°	3231.5
10°	3110.4
12.5°	2962.4
15°	2773.4
17.5°	2560.4
20°	2323.3
22.5°	2066.3
25°	1791.3
27.5°	1499.2
30°	1200.2
32.5°	883.1
35°	528.1
37.5°	281.0
40°	156.0
42.5°	85.0
45°	45.0
47.5°	22.0
50°	18.0
52.5°	16.0
55°	15.0
57.5°	14.0
60°	12.0
62.5°	11.0
65°	9.0
67.5°	8.0
70°	8.0
72.5°	7.0
75°	7.0
77.5°	7.0
80°	6.0
82.5°	5.0
85°	5.0
87.5°	3.0
90°	0.0

(END OF REPORT)