

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: P364743

Luminaire Tested: **FLD6BX30D010-FEU6B35-8030-F6LBXVM1-LI-BTR94**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P364743
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1910-544-27)
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-LI-BTR94
Description: VANDAL RESISTANT ENCLOSED BOTTOM TRIM RING, SPECULAR CLEAR REFLECTOR, BOTTOM TRIM GLASS, TEMPERED CLEAR 0.187", 3000LM
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2265.0 lumens
Efficiency: N/A
Efficacy: 83.9 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.77
Luminous Opening: Circular (Dia: 0.44' x H: 0')
CIE Type: Direct

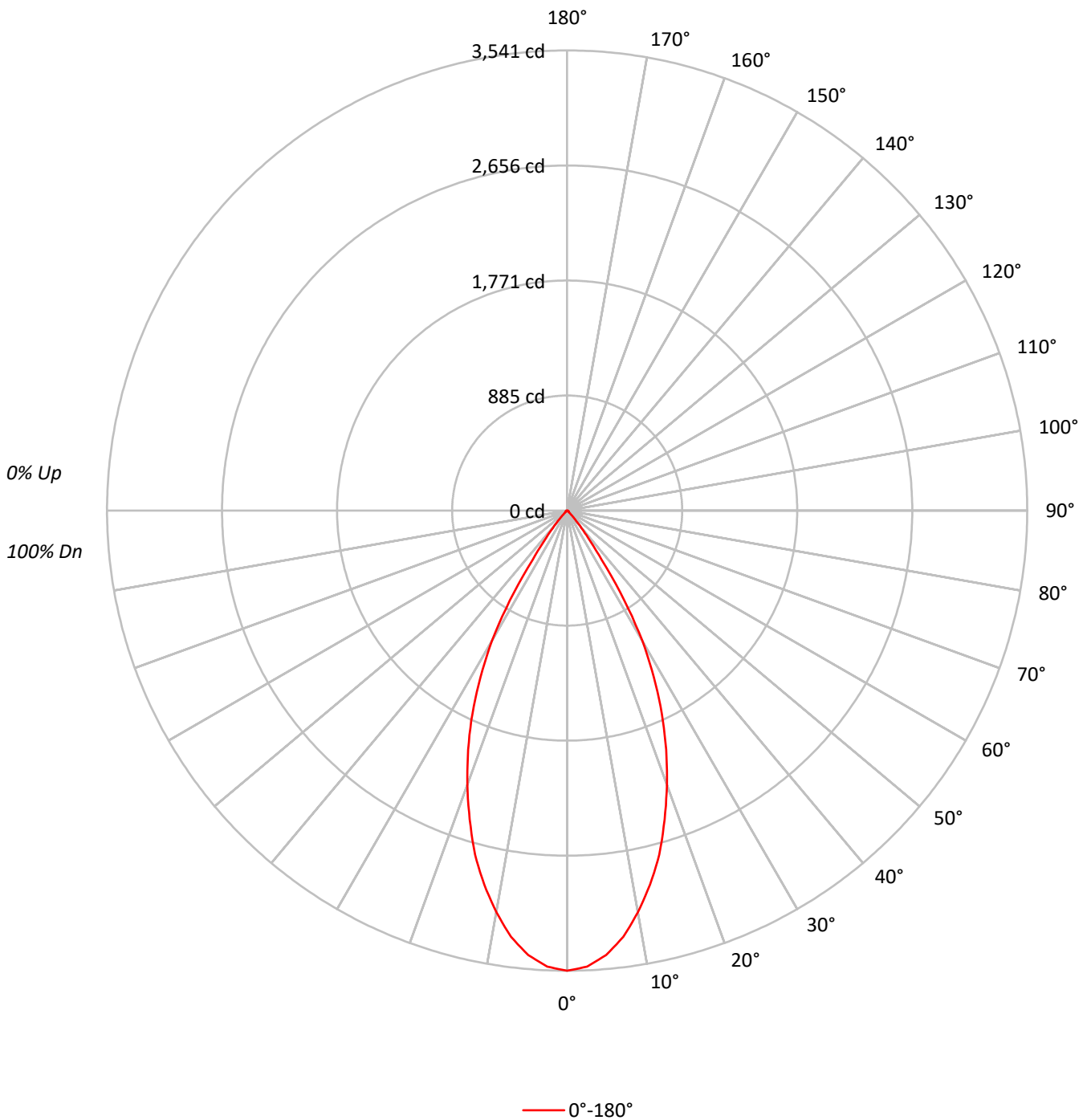
Input Watts (W): 27
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P364743

CATALOG NUMBER: FLD6BX30D010-FEU6B35-8030-F6LBXVM1-LI-BTR94

Luminous Intensity Polar Plot





TEST NUMBER: P364743

CATALOG NUMBER: FLD6BX30D010-FEU6B35-8030-F6LBXVM1-LI-BTR94

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	107	102	99	96	99	96	94	96	94	92	94	92	90	88
3	104	98	93	90	102	96	92	89	94	90	87	92	89	86	89	87	85	83
4	99	92	87	83	97	91	86	83	89	85	82	87	84	81	85	82	80	78
5	95	87	82	78	93	86	81	77	84	80	77	83	79	76	81	78	75	74
6	91	82	77	73	89	82	76	73	80	76	72	79	75	72	77	74	71	70
7	87	78	73	69	85	77	72	68	76	72	68	75	71	68	74	70	67	66
8	83	74	69	65	82	74	68	65	73	68	64	72	67	64	71	67	64	63
9	79	71	65	61	78	70	65	61	69	64	61	68	64	61	67	64	61	59
10	76	67	62	58	75	67	62	58	66	61	58	65	61	58	65	61	58	57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	253521
5°	246813
10°	228138
15°	203102
20°	171047
25°	136305
30°	95477
35°	40444
40°	14114
45°	3868
50°	1961
55°	1835
60°	1819
65°	1660
70°	1633
75°	2158
80°	2845
85°	4026



TEST NUMBER: P364743

CATALOG NUMBER: FLD6BX30D010-FEU6B35-8030-F6LBXVM1-LI-BTR94

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	318.4	14.1
10°-20°	757.5	33.4
20°-30°	779.2	34.4
30°-40°	332.8	14.7
40°-50°	41.5	1.8
50°-60°	13.3	0.6
60°-70°	9.8	0.4
70°-80°	7.9	0.3
80°-90°	4.7	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°	1855.0	81.9
0°-40°	2187.8	96.6
0°-60°	2242.6	99.0
0°-90°	2265.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2265.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3541	
5°	3434	318
15°	2740	757
25°	1725	779
35°	463	333
45°	38	42
55°	15	13
65°	10	10
75°	8	8
85°	5	5
90°	0	



TEST NUMBER: P364743

CATALOG NUMBER: FLD6BX30D010-FEU6B35-8030-F6LBXVM1-LI-BTR94

CANDELA DISTRIBUTION (FULL):

0°	
0°	3540.7
2.5°	3512.3
5°	3433.9
7.5°	3308.4
10°	3137.8
12.5°	2947.7
15°	2739.9
17.5°	2492.8
20°	2244.8
22.5°	1990.0
25°	1725.3
27.5°	1445.9
30°	1154.8
32.5°	820.5
35°	462.7
37.5°	264.7
40°	151.0
42.5°	78.4
45°	38.2
47.5°	20.6
50°	17.6
52.5°	15.7
55°	14.7
57.5°	13.7
60°	12.7
62.5°	10.8
65°	9.8
67.5°	8.8
70°	7.8
72.5°	7.8
75°	7.8
77.5°	6.9
80°	6.9
82.5°	5.9
85°	4.9
87.5°	2.9
90°	0.0

(END OF REPORT)