

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: P364563

Luminaire Tested: **FLD6BX15D010-FEU6B12-8030-F6LBXVM1-LI-BTR94**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P364563
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: FLD6BX15D010-FEU6B12-8030-F6LBXVM1-LI-BTR94
Description: VANDAL RESISTANT ENCLOSED BOTTOM TRIM RING, SPECULAR CLEAR REFLECTOR, BOTTOM TRIM GLASS, TEMPERED CLEAR 0.187", 1500LM
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1130.0 lumens
Efficiency: N/A
Efficacy: 79.6 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

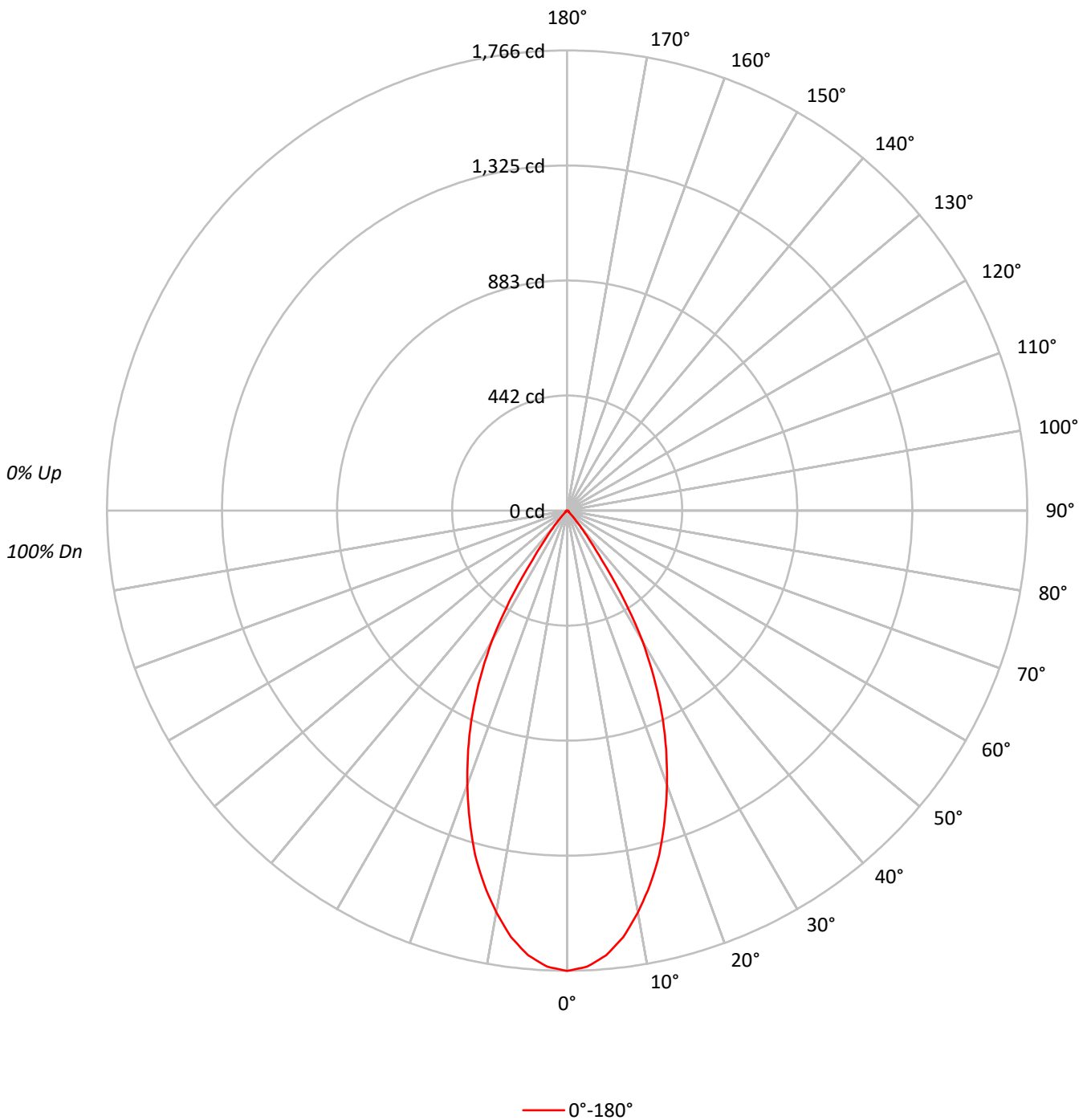
Input Watts (W): 14.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P364563

CATALOG NUMBER: FLD6BX15D010-FEU6B12-8030-F6LBXVM1-LI-BTR94

Luminous Intensity Polar Plot





TEST NUMBER: P364563

CATALOG NUMBER: FLD6BX15D010-FEU6B12-8030-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°	126485
5°	123137
10°	113822
15°	101325
20°	85333
25°	67999
30°	47631
35°	20174
40°	7038
45°	1934
50°	980
55°	911
60°	917
65°	830
70°	816
75°	1079
80°	1402
85°	1972



TEST NUMBER: P364563

CATALOG NUMBER: FLD6BX15D010-FEU6B12-8030-F6LBXVM1-LI-BTR94

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	158.8	14.1
10°-20°	377.9	33.4
20°-30°	388.7	34.4
30°-40°	166.0	14.7
40°-50°	20.7	1.8
50°-60°	6.6	0.6
60°-70°	4.9	0.4
70°-80°	3.9	0.3
80°-90°	2.3	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°	925.5	81.9
0°-40°	1091.5	96.6
0°-60°	1118.8	99.0
0°-90°	1130.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1130.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1766	
5°	1713	159
15°	1367	378
25°	861	389
35°	231	166
45°	19	21
55°	7	7
65°	5	5
75°	4	4
85°	2	2
90°	0	



TEST NUMBER: P364563

CATALOG NUMBER: FLD6BX15D010-FEU6B12-8030-F6LBXVM1-LI-BTR94

CANDELA DISTRIBUTION (FULL):

	0°
0°	1766.5
2.5°	1752.3
5°	1713.2
7.5°	1650.6
10°	1565.5
12.5°	1470.6
15°	1366.9
17.5°	1243.7
20°	1119.9
22.5°	992.8
25°	860.7
27.5°	721.4
30°	576.1
32.5°	409.3
35°	230.8
37.5°	132.0
40°	75.3
42.5°	39.1
45°	19.1
47.5°	10.3
50°	8.8
52.5°	7.8
55°	7.3
57.5°	6.8
60°	6.4
62.5°	5.4
65°	4.9
67.5°	4.4
70°	3.9
72.5°	3.9
75°	3.9
77.5°	3.4
80°	3.4
82.5°	2.9
85°	2.4
87.5°	1.5
90°	0.0

(END OF REPORT)