

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: PORTFOLIO

Report Number: P844055

Luminaire Tested: **LD6C15DE010B2750 EU6C15B35 6LBMLI**

Issue Date: 2/17/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P844055  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P205108)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/17/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LD6C15DE010B2750 EU6C15B35 6LBMLI  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

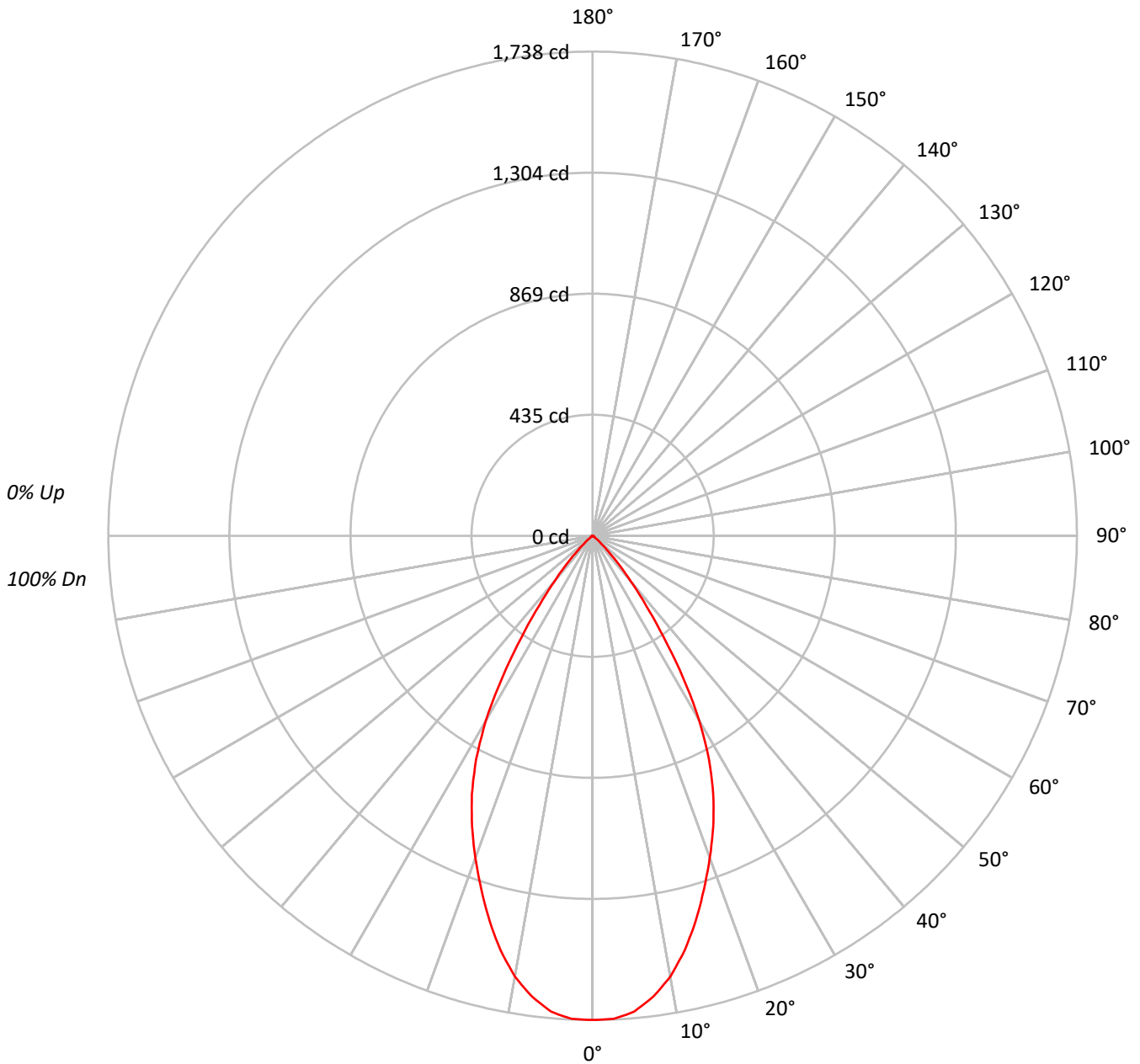
Lumens per Lamp: N/A  
Luminaire Lumens: 1388.7 lumens  
Efficiency: N/A  
Efficacy: 81.7 lumens/watt  
Spacing Criteria (0/90/45): 0.85 / 0.85 / 0.85  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

Input Watts (W): 17  
Input Voltage (V):  
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: P844055

CATALOG NUMBER: LD6C15DE010B2750 EU6C15B35 6LBMLI

### Luminous Intensity Polar Plot





TEST NUMBER: P844055

CATALOG NUMBER: LD6C15DE010B2750 EU6C15B35 6LBMLI

**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	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	114	111	109	106	111	109	107	105	105	103	101	101	100	98	98	97	96	94	94	94	94
2	108	103	100	96	106	102	98	95	99	96	93	96	93	91	93	91	89	88	88	88	88
3	103	97	92	88	101	95	91	87	93	89	86	90	87	85	88	85	83	82	82	82	82
4	98	91	85	81	96	89	84	81	87	83	80	85	82	79	83	80	78	76	76	76	76
5	93	85	79	75	91	84	79	75	82	78	74	81	77	73	79	76	73	71	71	71	71
6	89	80	74	70	87	79	74	70	78	73	69	76	72	69	75	71	68	67	67	67	67
7	84	75	69	65	83	75	69	65	73	68	65	72	68	64	71	67	64	63	63	63	63
8	80	71	65	61	79	70	65	61	69	64	61	68	64	60	67	63	60	59	59	59	59
9	77	67	61	57	75	67	61	57	66	61	57	65	60	57	64	60	57	55	55	55	55
10	73	64	58	54	72	63	58	54	62	57	54	62	57	54	61	57	54	52	52	52	52

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	95272
5°	94359
10°	89416
15°	81181
20°	71739
25°	62018
30°	48476
35°	29727
40°	15257
45°	6063
50°	1970
55°	679
60°	581
65°	467
70°	289
75°	381
80°	0
85°	0



TEST NUMBER: P844055

CATALOG NUMBER: LD6C15DE010B2750 EU6C15B35 6LBMLI

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	160.1	11.5
10°-20°	398.6	28.7
20°-30°	463.3	33.4
30°-40°	283.7	20.4
40°-50°	70.5	5.1
50°-60°	8.2	0.6
60°-70°	3.1	0.2
70°-80°	1.2	0.1
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°	1022.0	73.6
0°-40°	1305.7	94.0
0°-60°	1384.4	99.7
0°-90°	1388.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1388.7	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1738	
5°	1715	160
15°	1430	399
25°	1025	463
35°	444	284
45°	78	70
55°	7	8
65°	4	3
75°	2	1
85°	0	0
90°	0	



TEST NUMBER: P844055

CATALOG NUMBER: LD6C15DE010B2750 EU6C15B35 6LBMLI

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1737.9
2.5°	1736.1
5°	1714.7
7.5°	1668.5
10°	1606.3
12.5°	1524.6
15°	1430.4
17.5°	1329.1
20°	1229.7
22.5°	1130.1
25°	1025.3
27.5°	904.5
30°	765.8
32.5°	604.1
35°	444.2
37.5°	312.7
40°	213.2
42.5°	133.3
45°	78.2
47.5°	44.4
50°	23.1
52.5°	10.7
55°	7.1
57.5°	5.3
60°	5.3
62.5°	3.6
65°	3.6
67.5°	1.8
70°	1.8
72.5°	1.8
75°	1.8
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG







— 0°-180°







(END OF REPORT)