

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: P844052

Luminaire Tested: **LD6C15DE010B2750 EU6C15B35 6LBMB**

Issue Date: 5/7/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P844052  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P203577)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LD6C15DE010B2750 EU6C15B35 6LBMB  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

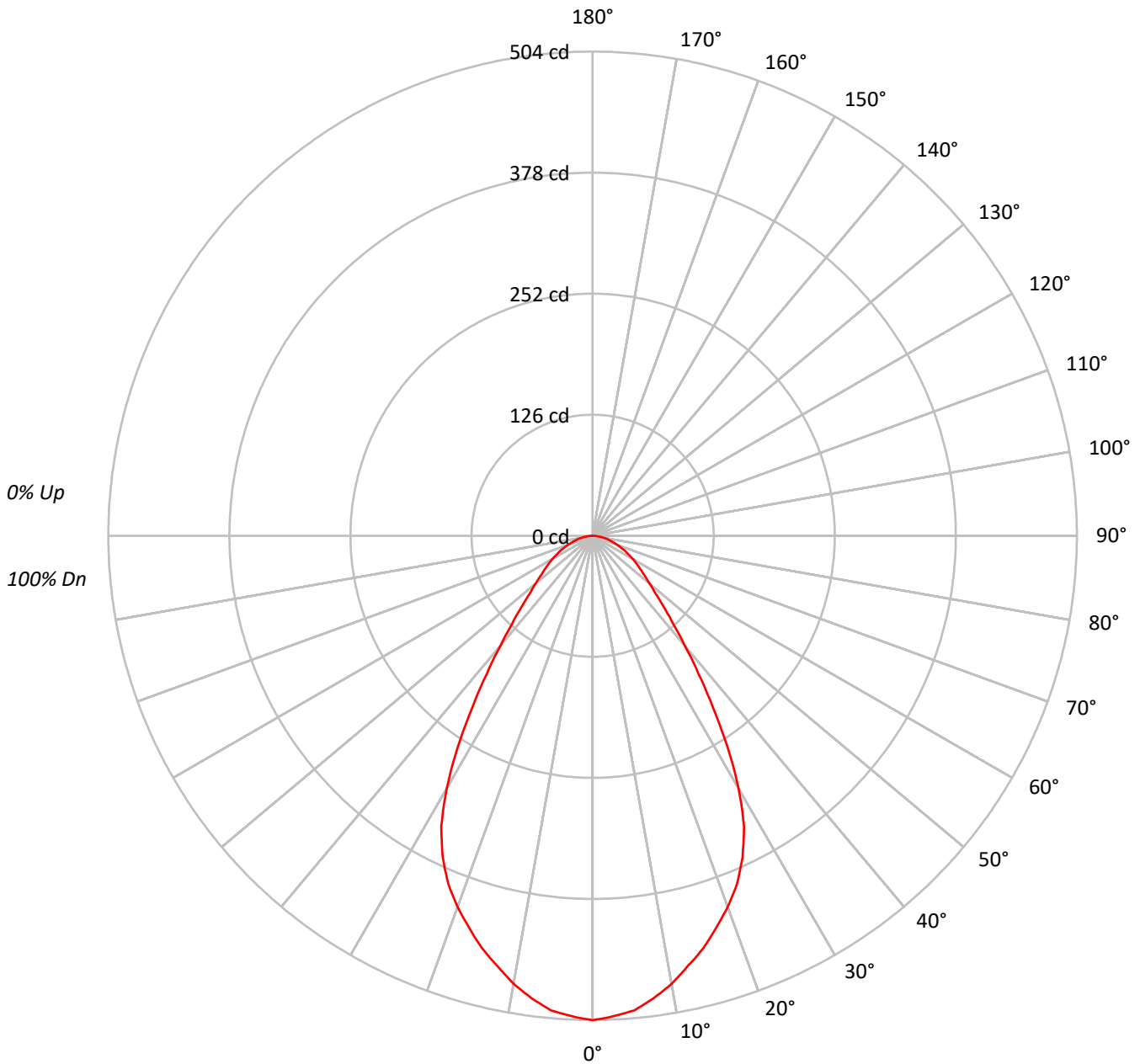
Lumens per Lamp: N/A  
Luminaire Lumens: 675.8 lumens  
Efficiency: N/A  
Efficacy: 39.8 lumens/watt  
Spacing Criteria (0/90/45): 1 / 1 / 0.97  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

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

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### Luminous Intensity Polar Plot





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**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			
1	111	108	104	101	109	105	103	100	101	99	97	98	96	94	94	92	91	89			
2	104	97	92	88	101	96	91	87	92	88	85	89	86	83	86	83	81	79			
3	97	88	82	77	95	87	81	76	84	79	75	82	77	74	79	76	73	71			
4	90	81	74	68	88	80	73	68	77	72	67	75	70	66	73	69	65	64			
5	85	74	67	61	83	73	66	61	71	65	61	69	64	60	68	63	59	58			
6	79	68	61	56	78	68	61	56	66	60	55	64	59	55	63	58	54	53			
7	75	63	56	51	73	63	56	51	61	55	50	60	54	50	59	54	50	48			
8	70	59	52	47	69	58	51	47	57	51	46	56	50	46	55	50	46	44			
9	66	55	48	43	65	54	48	43	53	47	43	52	47	43	51	46	43	41			
10	63	51	45	40	62	51	44	40	50	44	40	49	44	40	48	43	40	38			

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

	0°
0°	27646
5°	27289
10°	26358
15°	25233
20°	23983
25°	22326
30°	19237
35°	14596
40°	10670
45°	8094
50°	6601
55°	5792
60°	5307
65°	4838
70°	4328
75°	3940
80°	3536
85°	2956



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	46.6	6.9
10°-20°	124.8	18.5
20°-30°	167.6	24.8
30°-40°	137.4	20.3
40°-50°	82.5	12.2
50°-60°	54.8	8.1
60°-70°	36.8	5.4
70°-80°	19.7	2.9
80°-90°	5.6	0.8
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°	338.9	50.1
0°-40°	476.3	70.5
0°-60°	613.7	90.8
0°-90°	675.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	675.8	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	504	
5°	496	47
15°	445	125
25°	369	168
35°	218	137
45°	104	83
55°	61	55
65°	37	37
75°	19	20
85°	5	6
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	504.3
2.5°	500.6
5°	495.9
7.5°	485.7
10°	473.5
12.5°	458.6
15°	444.6
17.5°	427.8
20°	411.1
22.5°	392.5
25°	369.1
27.5°	341.2
30°	303.9
32.5°	261.9
35°	218.1
37.5°	180.9
40°	149.1
42.5°	124.0
45°	104.4
47.5°	88.5
50°	77.4
52.5°	68.0
55°	60.6
57.5°	54.0
60°	48.4
62.5°	42.0
65°	37.3
67.5°	31.7
70°	27.0
72.5°	22.3
75°	18.6
77.5°	14.9
80°	11.2
82.5°	8.4
85°	4.7
87.5°	1.9
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG







— 0°-180°







(END OF REPORT)