

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: P844022

Luminaire Tested: **LD6C15DE010B2750 EU6C15B27 6LBMMW**

Issue Date: 5/7/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P844022  
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 EU6C15B27 6LBMMW  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

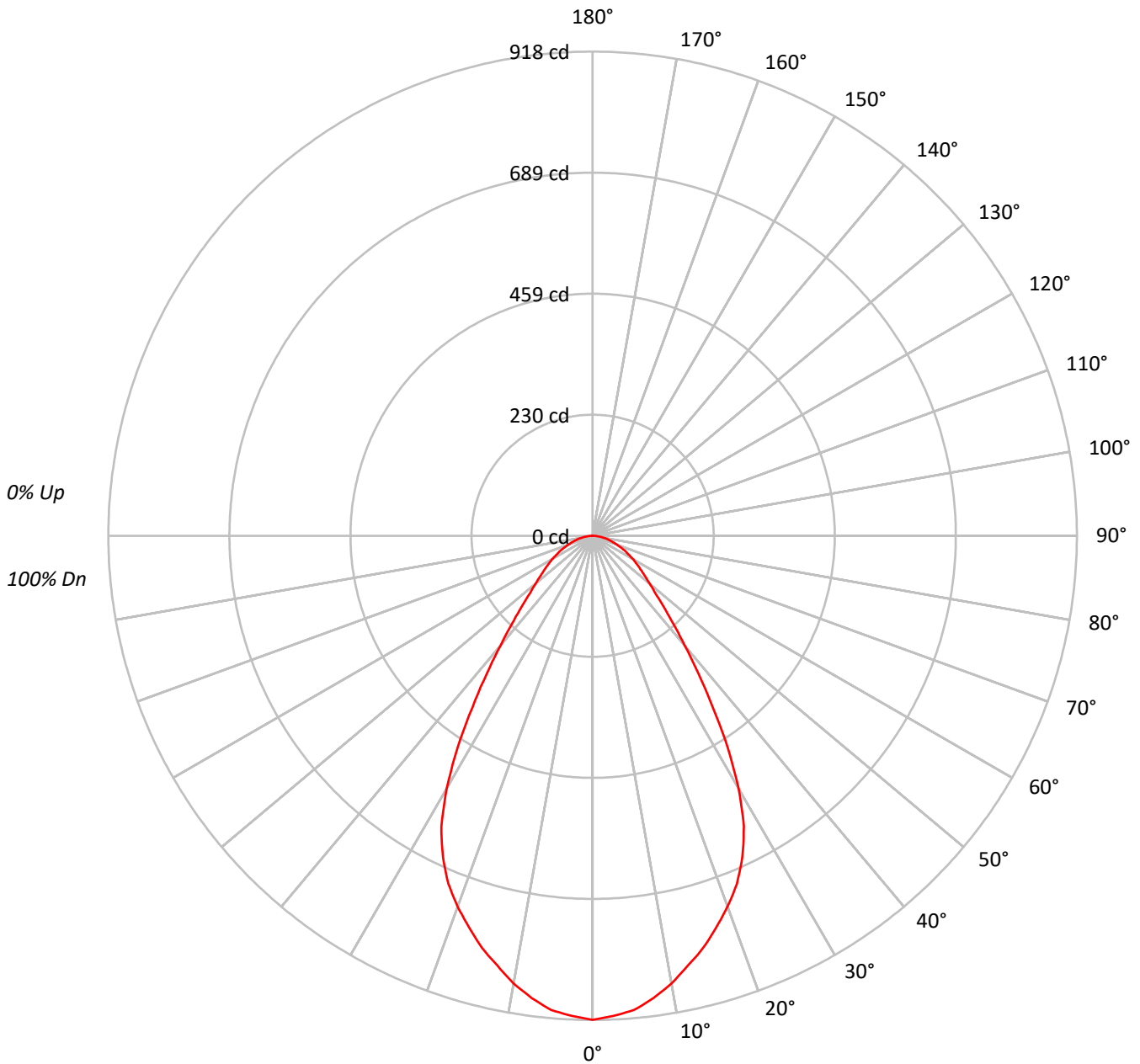
Lumens per Lamp: N/A  
Luminaire Lumens: 1230.1 lumens  
Efficiency: N/A  
Efficacy: 72.4 lumens/watt  
Spacing Criteria (0/90/45): 1 / 1 / 0.97  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

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°	50314
5°	49670
10°	47978
15°	45931
20°	43649
25°	40635
30°	35005
35°	26568
40°	19422
45°	14738
50°	12017
55°	10542
60°	9670
65°	8808
70°	7886
75°	7202
80°	6440
85°	5346



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	84.8	6.9
10°-20°	227.1	18.5
20°-30°	304.9	24.8
30°-40°	250.1	20.3
40°-50°	150.2	12.2
50°-60°	99.8	8.1
60°-70°	66.9	5.4
70°-80°	36.0	2.9
80°-90°	10.1	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°	616.8	50.1
0°-40°	866.9	70.5
0°-60°	1117.0	90.8
0°-90°	1230.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1230.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	918	
5°	903	85
15°	809	227
25°	672	305
35°	397	250
45°	190	150
55°	110	100
65°	68	67
75°	34	36
85°	8	10
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	917.8
2.5°	911.0
5°	902.6
7.5°	883.9
10°	861.9
12.5°	834.7
15°	809.3
17.5°	778.7
20°	748.2
22.5°	714.2
25°	671.8
27.5°	620.9
30°	553.0
32.5°	476.7
35°	397.0
37.5°	329.1
40°	271.4
42.5°	225.6
45°	190.1
47.5°	161.2
50°	140.9
52.5°	123.8
55°	110.3
57.5°	98.4
60°	88.2
62.5°	76.4
65°	67.9
67.5°	57.6
70°	49.2
72.5°	40.7
75°	34.0
77.5°	27.1
80°	20.4
82.5°	15.2
85°	8.5
87.5°	3.4
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG







— 0°-180°







(END OF REPORT)