

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: P844020

Luminaire Tested: **LD6C15DE010B2750 EU6C15B27 6LBMH**

Issue Date: 2/17/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P844020  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P203254)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/17/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LD6C15DE010B2750 EU6C15B27 6LBMH  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

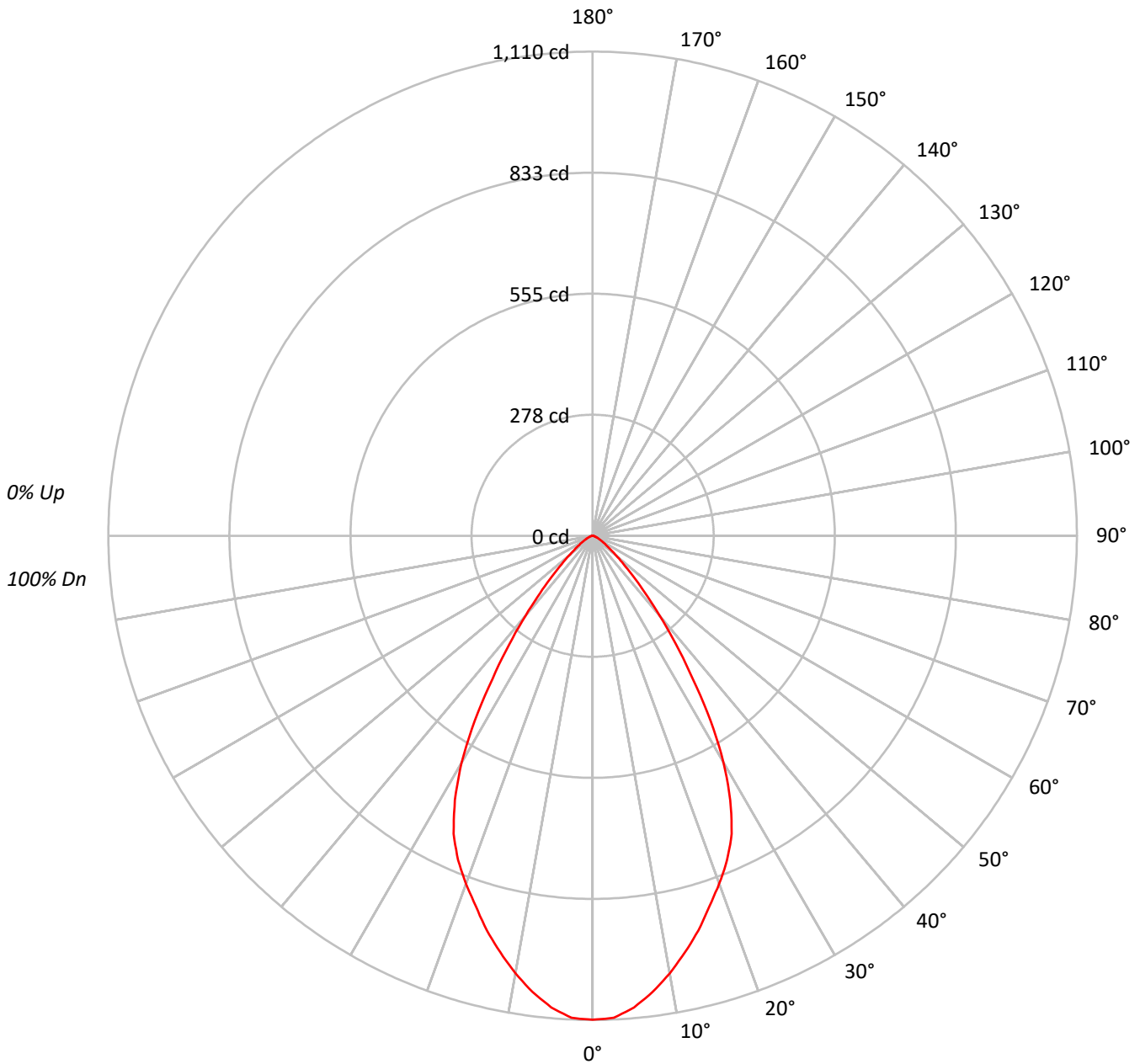
Lumens per Lamp: N/A  
Luminaire Lumens: 1121.1 lumens  
Efficiency: N/A  
Efficacy: 65.9 lumens/watt  
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.93  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	113	110	107	105	111	108	105	103	104	102	100	100	99	97	97	95	94	92		
2	107	102	97	93	105	100	96	92	97	93	90	94	91	88	91	89	87	85		
3	101	94	88	84	99	92	88	84	90	86	82	87	84	81	85	82	80	78		
4	95	87	81	76	93	86	80	76	84	79	75	82	78	74	80	76	73	72		
5	90	81	75	70	88	80	74	70	78	73	69	76	72	68	75	71	68	66		
6	85	75	69	64	83	75	69	64	73	68	64	72	67	63	70	66	63	61		
7	80	70	64	59	79	70	64	59	68	63	59	67	62	59	66	62	58	57		
8	76	66	60	55	75	65	59	55	64	59	55	63	58	55	62	58	54	53		
9	72	62	56	51	71	61	55	51	60	55	51	60	55	51	59	54	51	49		
10	69	58	52	48	68	58	52	48	57	52	48	56	51	48	55	51	48	46		

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

	0°
0°	60823
5°	59729
10°	56685
15°	53150
20°	49500
25°	45614
30°	38006
35°	26783
40°	17068
45°	10187
50°	6004
55°	3823
60°	2631
65°	1868
70°	1282
75°	1017
80°	505
85°	0



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	101.4	9.0
10°-20°	262.4	23.4
20°-30°	340.0	30.3
30°-40°	252.4	22.5
40°-50°	106.6	9.5
50°-60°	37.8	3.4
60°-70°	14.6	1.3
70°-80°	5.0	0.4
80°-90°	0.7	0.1
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°	703.9	62.8
0°-40°	956.4	85.3
0°-60°	1100.8	98.2
0°-90°	1121.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1121.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1110	
5°	1085	101
15°	936	262
25°	754	340
35°	400	252
45°	131	107
55°	40	38
65°	14	15
75°	5	5
85°	0	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1109.5
2.5°	1106.3
5°	1085.4
7.5°	1055.0
10°	1018.3
12.5°	978.2
15°	936.5
17.5°	890.2
20°	848.5
22.5°	805.3
25°	754.1
27.5°	683.5
30°	600.4
32.5°	502.7
35°	400.2
37.5°	313.8
40°	238.5
42.5°	177.7
45°	131.4
47.5°	96.0
50°	70.4
52.5°	52.8
55°	40.0
57.5°	30.4
60°	24.0
62.5°	17.7
65°	14.4
67.5°	11.2
70°	8.0
72.5°	6.3
75°	4.8
77.5°	3.2
80°	1.6
82.5°	1.6
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG







— 0°-180°







(END OF REPORT)