

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: P843936

Luminaire Tested: **LD6C10DE010B2750 EU6C10B27 6LBMLI**

Issue Date: 2/17/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P843936  
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: LD6C10DE010B2750 EU6C10B27 6LBMLI  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

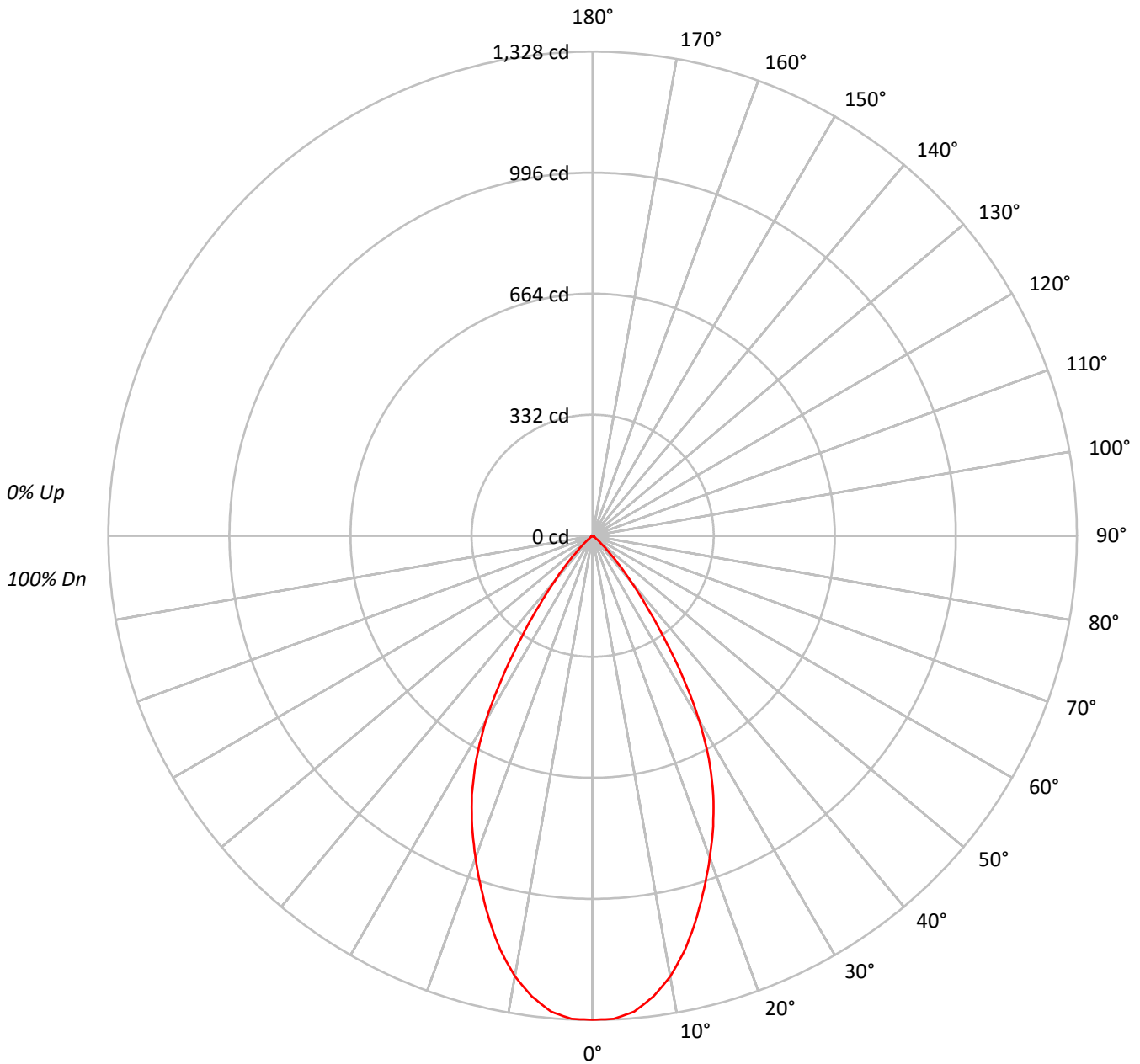
Lumens per Lamp: N/A  
Luminaire Lumens: 1060.9 lumens  
Efficiency: N/A  
Efficacy: 79.8 lumens/watt  
Spacing Criteria (0/90/45): 0.85 / 0.85 / 0.85  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

Input Watts (W): 13.3  
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	114	111	109	106	111	109	107	105	105	103	101	101	100	98	98	97	96	94			
2	108	103	100	96	106	102	98	95	99	96	93	96	93	91	93	91	89	88			
3	103	97	92	88	101	95	91	87	93	89	86	90	87	85	88	85	83	82			
4	98	91	85	81	96	89	84	81	87	83	80	85	82	79	83	80	78	76			
5	93	85	79	75	91	84	79	75	82	78	74	81	77	73	79	76	73	71			
6	89	80	74	70	87	79	74	70	78	73	69	76	72	69	75	71	68	67			
7	84	75	69	65	83	75	69	65	73	68	65	72	68	64	71	67	64	63			
8	80	71	65	61	79	70	65	61	69	64	61	68	64	60	67	63	60	59			
9	77	67	61	57	75	67	61	57	66	61	57	65	60	57	64	60	57	55			
10	73	64	58	54	72	63	58	54	62	57	54	62	57	54	61	57	54	52			

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

	0°
0°	72774
5°	72083
10°	68308
15°	62015
20°	54803
25°	47380
30°	37037
35°	22714
40°	11658
45°	4636
50°	1510
55°	516
60°	439
65°	350
70°	224
75°	297
80°	0
85°	0



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	122.3	11.5
10°-20°	304.5	28.7
20°-30°	354.0	33.4
30°-40°	216.8	20.4
40°-50°	53.8	5.1
50°-60°	6.3	0.6
60°-70°	2.3	0.2
70°-80°	0.9	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°	780.7	73.6
0°-40°	997.5	94.0
0°-60°	1057.6	99.7
0°-90°	1060.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1060.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1328	
5°	1310	122
15°	1093	304
25°	783	354
35°	339	217
45°	60	54
55°	5	6
65°	3	2
75°	1	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1327.5
2.5°	1326.2
5°	1309.9
7.5°	1274.6
10°	1227.1
12.5°	1164.7
15°	1092.7
17.5°	1015.3
20°	939.4
22.5°	863.3
25°	783.3
27.5°	691.0
30°	585.1
32.5°	461.6
35°	339.4
37.5°	238.9
40°	162.9
42.5°	101.7
45°	59.8
47.5°	34.0
50°	17.7
52.5°	8.1
55°	5.4
57.5°	4.0
60°	4.0
62.5°	2.7
65°	2.7
67.5°	1.4
70°	1.4
72.5°	1.4
75°	1.4
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)