

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: P843950

Luminaire Tested: **LD6C10DE010B2750 EU6C10B30 6LBMB**

Issue Date: 5/7/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P843950  
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: LD6C10DE010B2750 EU6C10B30 6LBMB  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

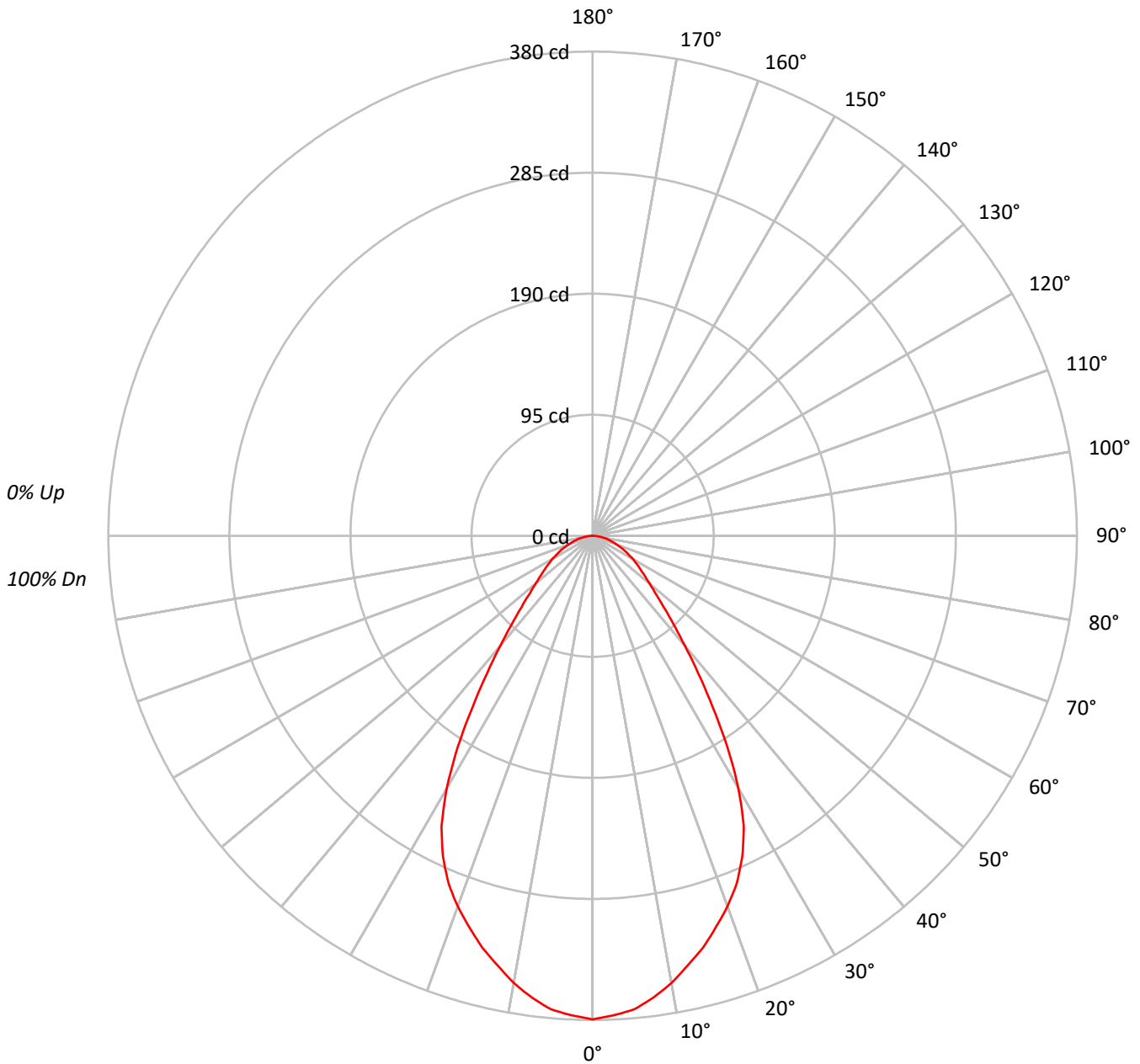
Lumens per Lamp: N/A  
Luminaire Lumens: 508.7 lumens  
Efficiency: N/A  
Efficacy: 38.2 lumens/watt  
Spacing Criteria (0/90/45): 1 / 1 / 0.97  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

Input Watts (W): 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	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°	20810
5°	20537
10°	19839
15°	18996
20°	18056
25°	16803
30°	14483
35°	10982
40°	8029
45°	6094
50°	4972
55°	4358
60°	4002
65°	3632
70°	3254
75°	2987
80°	2683
85°	2201



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	35.1	6.9
10°-20°	93.9	18.5
20°-30°	126.1	24.8
30°-40°	103.4	20.3
40°-50°	62.1	12.2
50°-60°	41.3	8.1
60°-70°	27.7	5.4
70°-80°	14.9	2.9
80°-90°	4.2	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°	255.1	50.1
0°-40°	358.5	70.5
0°-60°	461.9	90.8
0°-90°	508.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	508.7	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	380	
5°	373	35
15°	335	94
25°	278	126
35°	164	103
45°	79	62
55°	46	41
65°	28	28
75°	14	15
85°	4	4
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	379.6
2.5°	376.7
5°	373.2
7.5°	365.5
10°	356.4
12.5°	345.2
15°	334.7
17.5°	322.0
20°	309.5
22.5°	295.4
25°	277.8
27.5°	256.8
30°	228.8
32.5°	197.1
35°	164.1
37.5°	136.1
40°	112.2
42.5°	93.3
45°	78.6
47.5°	66.6
50°	58.3
52.5°	51.2
55°	45.6
57.5°	40.7
60°	36.5
62.5°	31.6
65°	28.0
67.5°	23.9
70°	20.3
72.5°	16.8
75°	14.1
77.5°	11.2
80°	8.5
82.5°	6.3
85°	3.5
87.5°	1.4
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG







— 0°-180°







(END OF REPORT)