

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: P844005

Luminaire Tested: **LD6C10DE010B2750 EU6C10B50 6LBMMW**

Issue Date: 5/7/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P844005  
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 EU6C10B50 6LBMMW  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

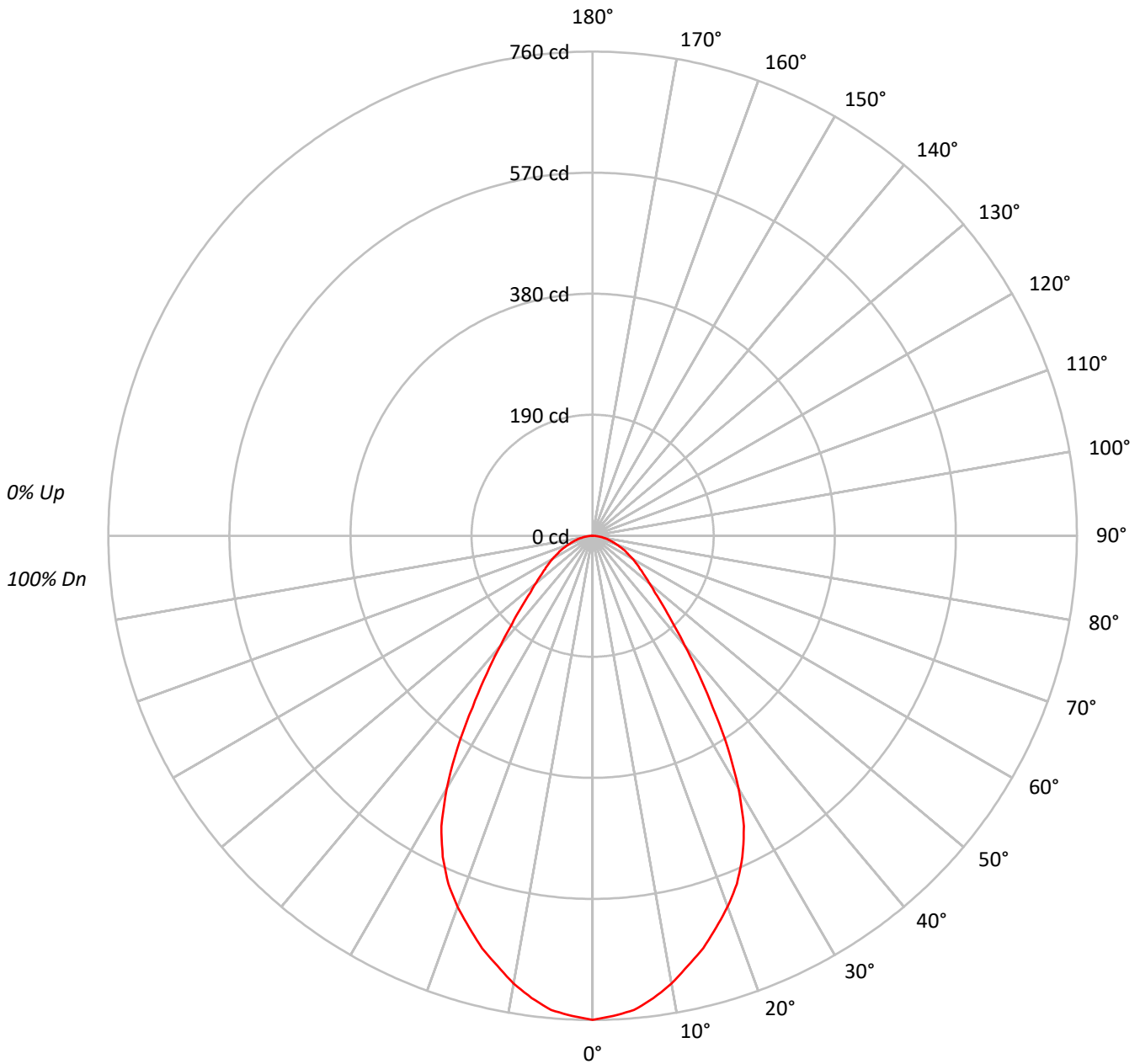
Lumens per Lamp: N/A  
Luminaire Lumens: 1018.6 lumens  
Efficiency: N/A  
Efficacy: 76.6 lumens/watt  
Spacing Criteria (0/90/45): 1 / 1 / 0.97  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

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

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

	0°
0°	41658
5°	41124
10°	39723
15°	38031
20°	36141
25°	33649
30°	28992
35°	21998
40°	16080
45°	12203
50°	9953
55°	8726
60°	8015
65°	7290
70°	6524
75°	5952
80°	5335
85°	4403



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	70.2	6.9
10°-20°	188.0	18.5
20°-30°	252.5	24.8
30°-40°	207.1	20.3
40°-50°	124.4	12.2
50°-60°	82.7	8.1
60°-70°	55.4	5.4
70°-80°	29.8	2.9
80°-90°	8.4	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°	510.7	50.1
0°-40°	717.9	70.5
0°-60°	924.9	90.8
0°-90°	1018.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1018.6	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	760	
5°	747	70
15°	670	188
25°	556	252
35°	329	207
45°	157	124
55°	91	83
65°	56	55
75°	28	30
85°	7	8
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	759.9
2.5°	754.3
5°	747.3
7.5°	731.9
10°	713.6
12.5°	691.2
15°	670.1
17.5°	644.7
20°	619.5
22.5°	591.4
25°	556.3
27.5°	514.1
30°	458.0
32.5°	394.7
35°	328.7
37.5°	272.6
40°	224.7
42.5°	186.9
45°	157.4
47.5°	133.5
50°	116.7
52.5°	102.6
55°	91.3
57.5°	81.4
60°	73.1
62.5°	63.2
65°	56.2
67.5°	47.8
70°	40.7
72.5°	33.7
75°	28.1
77.5°	22.4
80°	16.9
82.5°	12.6
85°	7.0
87.5°	2.9
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG







— 0°-180°







(END OF REPORT)