

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: P843955

Luminaire Tested: **LD6C10DE010B2750 EU6C10B30 6LBNH**

Issue Date: 2/17/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P843955  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P203666)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/17/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LD6C10DE010B2750 EU6C10B30 6LBNH  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

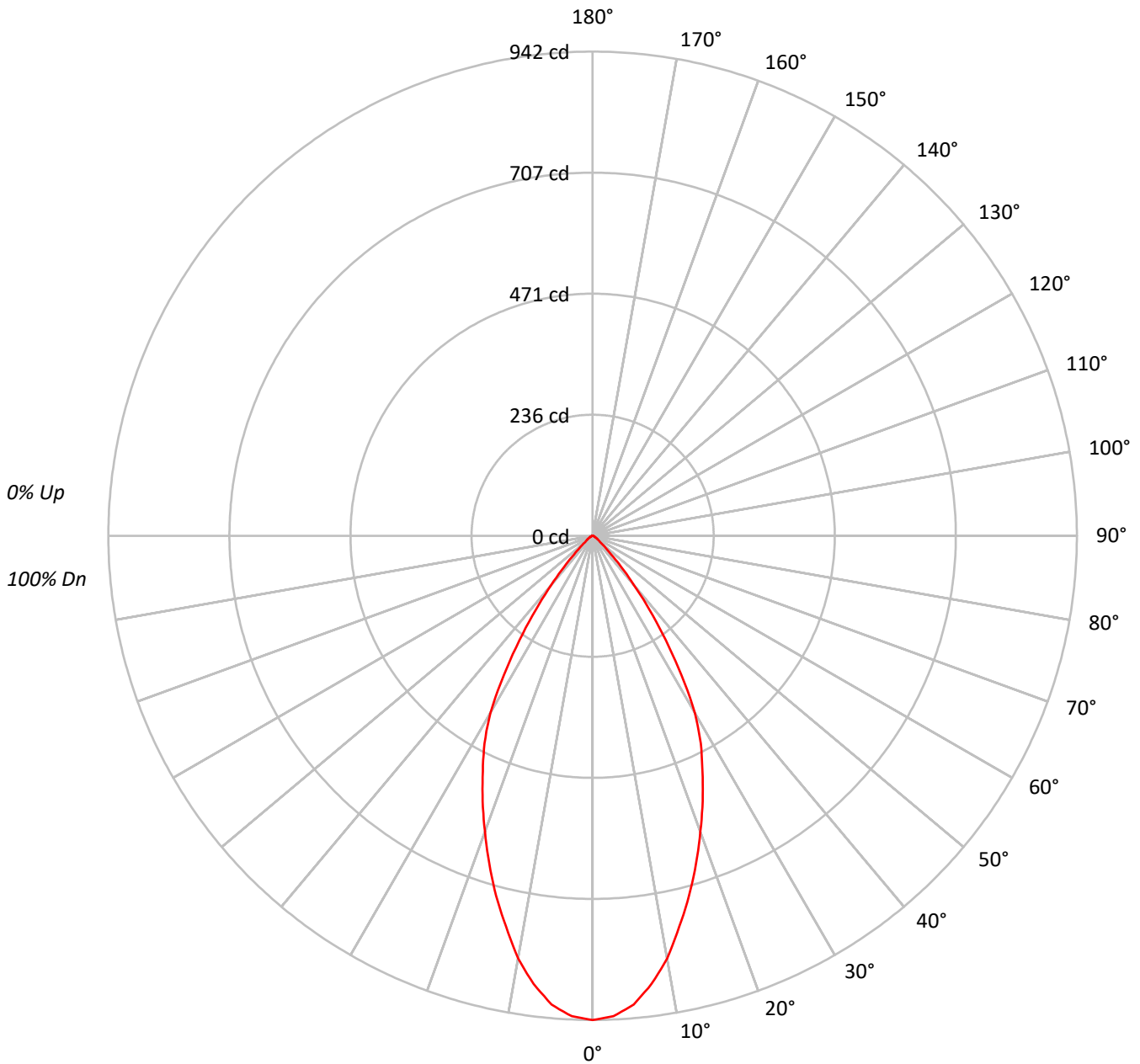
Lumens per Lamp: N/A  
Luminaire Lumens: 735.1 lumens  
Efficiency: N/A  
Efficacy: 55.3 lumens/watt  
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.84  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	113	111	108	106	111	109	106	104	104	103	101	101	99	98	97	96	95	93
2	108	103	99	96	106	101	98	94	98	95	92	95	93	90	92	90	89	87
3	102	96	91	87	100	95	90	86	92	88	85	90	86	84	87	85	82	81
4	97	90	84	80	95	89	83	79	86	82	78	84	81	78	83	79	77	75
5	92	84	78	74	91	83	78	73	81	76	73	80	75	72	78	74	72	70
6	88	79	73	69	86	78	72	68	77	72	68	75	71	67	74	70	67	65
7	83	74	68	64	82	73	68	64	72	67	63	71	66	63	70	66	63	61
8	79	70	64	60	78	69	64	60	68	63	59	67	63	59	66	62	59	58
9	76	66	60	56	75	66	60	56	65	59	56	64	59	56	63	59	55	54
10	72	62	57	53	71	62	57	53	61	56	53	60	56	52	60	55	52	51

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

	0°
0°	51652
5°	50380
10°	46481
15°	41152
20°	35732
25°	30564
30°	25200
35°	16590
40°	8924
45°	3954
50°	1603
55°	1156
60°	735
65°	519
70°	417
75°	297
80°	442
85°	0



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	84.7	11.5
10°-20°	202.1	27.5
20°-30°	231.5	31.5
30°-40°	155.5	21.2
40°-50°	44.5	6.0
50°-60°	10.9	1.5
60°-70°	4.1	0.6
70°-80°	1.6	0.2
80°-90°	0.2	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°	518.3	70.5
0°-40°	673.8	91.7
0°-60°	729.2	99.2
0°-90°	735.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	735.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	942	
5°	916	85
15°	725	202
25°	505	231
35°	248	156
45°	51	44
55°	12	11
65°	4	4
75°	1	2
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	942.2
2.5°	935.6
5°	915.5
7.5°	879.2
10°	835.0
12.5°	778.7
15°	725.1
17.5°	668.8
20°	612.5
22.5°	559.0
25°	505.3
27.5°	455.7
30°	398.1
32.5°	321.6
35°	247.9
37.5°	181.0
40°	124.7
42.5°	81.8
45°	51.0
47.5°	30.8
50°	18.8
52.5°	14.7
55°	12.1
57.5°	9.4
60°	6.7
62.5°	5.4
65°	4.0
67.5°	2.6
70°	2.6
72.5°	1.4
75°	1.4
77.5°	1.4
80°	1.4
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)