

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: P844239

Luminaire Tested: **LD6C25DE010B40 EU6C25B40 6LBMB**

Issue Date: 5/7/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P844239  
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: LD6C25DE010B40 EU6C25B40 6LBMB  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

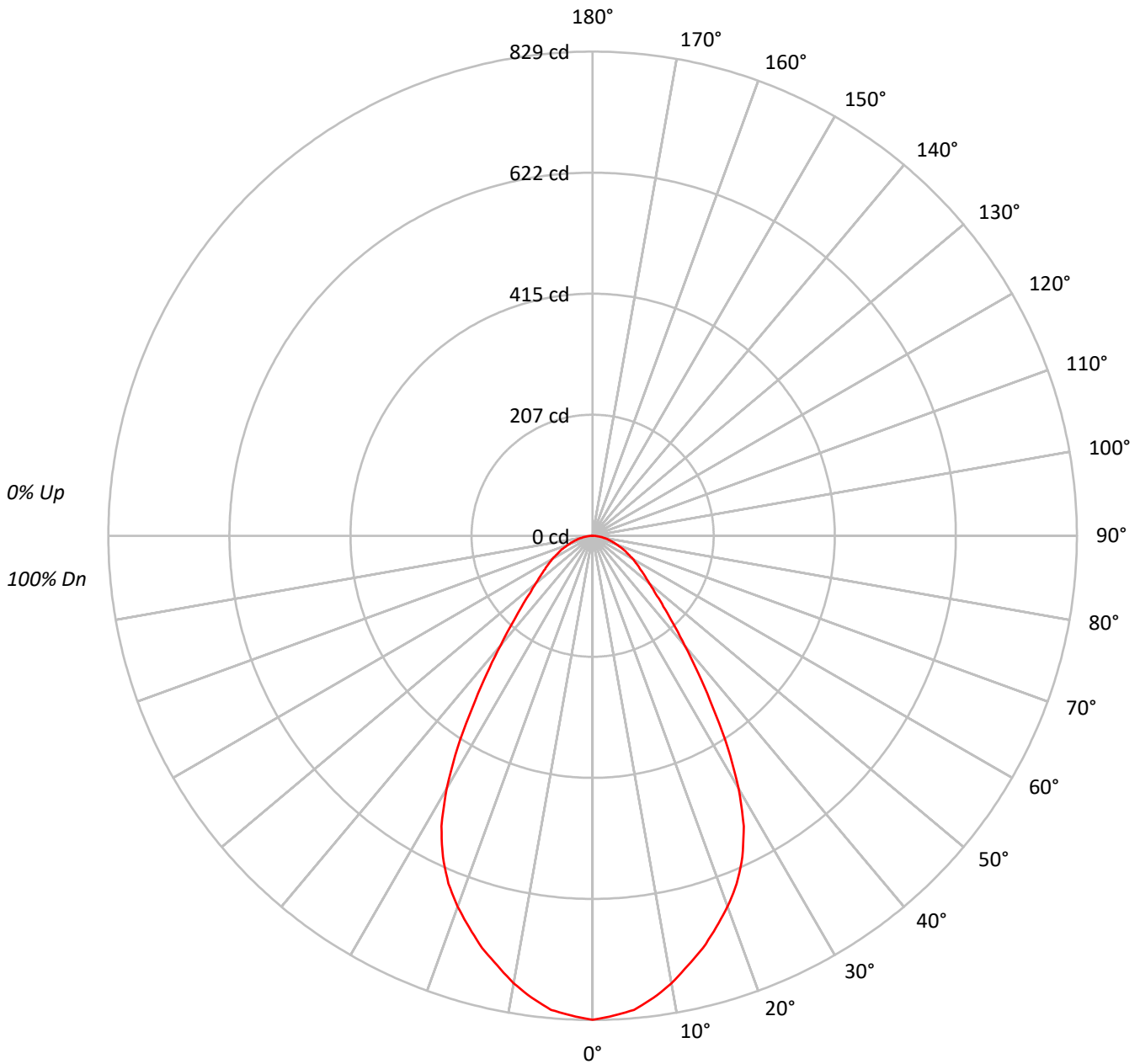
Lumens per Lamp: N/A  
Luminaire Lumens: 1110.4 lumens  
Efficiency: N/A  
Efficacy: 37.3 lumens/watt  
Spacing Criteria (0/90/45): 1 / 1 / 0.97  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

Input Watts (W): 29.8  
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			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°	45429
5°	44838
10°	43314
15°	41464
20°	39408
25°	36692
30°	31606
35°	23985
40°	17540
45°	13296
50°	10840
55°	9510
60°	8727
65°	7939
70°	7117
75°	6503
80°	5809
85°	4780



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	76.5	6.9
10°-20°	205.0	18.5
20°-30°	275.3	24.8
30°-40°	225.8	20.3
40°-50°	135.6	12.2
50°-60°	90.1	8.1
60°-70°	60.4	5.4
70°-80°	32.5	2.9
80°-90°	9.1	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°	556.9	50.1
0°-40°	782.7	70.5
0°-60°	1008.4	90.8
0°-90°	1110.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1110.4	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	829	
5°	815	77
15°	731	205
25°	607	275
35°	358	226
45°	172	136
55°	100	90
65°	61	60
75°	31	33
85°	8	9
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	828.7
2.5°	822.5
5°	814.8
7.5°	798.0
10°	778.1
12.5°	753.6
15°	730.6
17.5°	703.0
20°	675.5
22.5°	644.8
25°	606.6
27.5°	560.5
30°	499.3
32.5°	430.4
35°	358.4
37.5°	297.1
40°	245.1
42.5°	203.7
45°	171.5
47.5°	145.5
50°	127.1
52.5°	111.8
55°	99.5
57.5°	88.8
60°	79.6
62.5°	69.0
65°	61.2
67.5°	52.0
70°	44.4
72.5°	36.8
75°	30.7
77.5°	24.5
80°	18.4
82.5°	13.7
85°	7.6
87.5°	3.1
90°	0.0



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— 0°-180°







(END OF REPORT)