

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: P844206

Luminaire Tested: **LD6C25DE010B2750 EU6C25B30 6LBMGPH**

Issue Date: 5/7/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P844206  
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: LD6C25DE010B2750 EU6C25B30 6LBMGPH  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

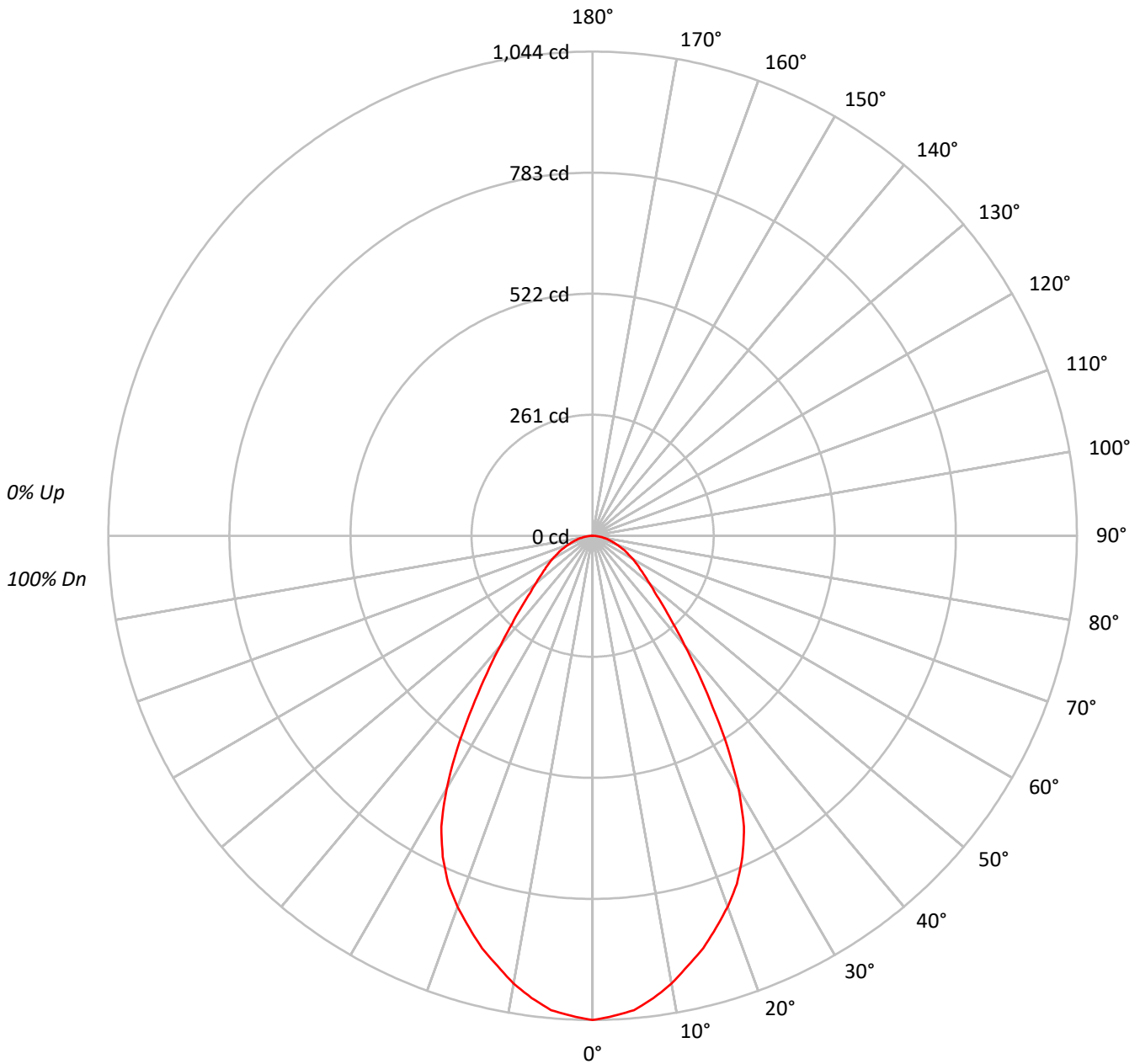
Lumens per Lamp: N/A  
Luminaire Lumens: 1399.2 lumens  
Efficiency: N/A  
Efficacy: 47.0 lumens/watt  
Spacing Criteria (0/90/45): 1 / 1 / 0.97  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

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			
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°	57238
5°	56504
10°	54575
15°	52248
20°	49652
25°	46224
30°	39823
35°	30222
40°	22091
45°	16761
50°	13663
55°	11985
60°	11008
65°	10014
70°	8960
75°	8176
80°	7324
85°	6038



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	96.5	6.9
10°-20°	258.3	18.5
20°-30°	346.9	24.8
30°-40°	284.5	20.3
40°-50°	170.9	12.2
50°-60°	113.5	8.1
60°-70°	76.1	5.4
70°-80°	41.0	2.9
80°-90°	11.5	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°	701.7	50.1
0°-40°	986.2	70.5
0°-60°	1270.6	90.8
0°-90°	1399.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1399.2	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1044	
5°	1027	96
15°	921	258
25°	764	347
35°	452	285
45°	216	171
55°	125	114
65°	77	76
75°	39	41
85°	10	12
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1044.1
2.5°	1036.4
5°	1026.8
7.5°	1005.5
10°	980.4
12.5°	949.4
15°	920.6
17.5°	885.8
20°	851.1
22.5°	812.5
25°	764.2
27.5°	706.4
30°	629.1
32.5°	542.2
35°	451.6
37.5°	374.4
40°	308.7
42.5°	256.7
45°	216.2
47.5°	183.3
50°	160.2
52.5°	140.9
55°	125.4
57.5°	111.9
60°	100.4
62.5°	86.8
65°	77.2
67.5°	65.7
70°	55.9
72.5°	46.3
75°	38.6
77.5°	30.9
80°	23.2
82.5°	17.3
85°	9.6
87.5°	3.9
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG







— 0°-180°







(END OF REPORT)