

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: P844190

Luminaire Tested: **LD6C25DE010B2750 EU6C25B27 6LBMH**

Issue Date: 2/17/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P844190  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P203254)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/17/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LD6C25DE010B2750 EU6C25B27 6LBMH  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

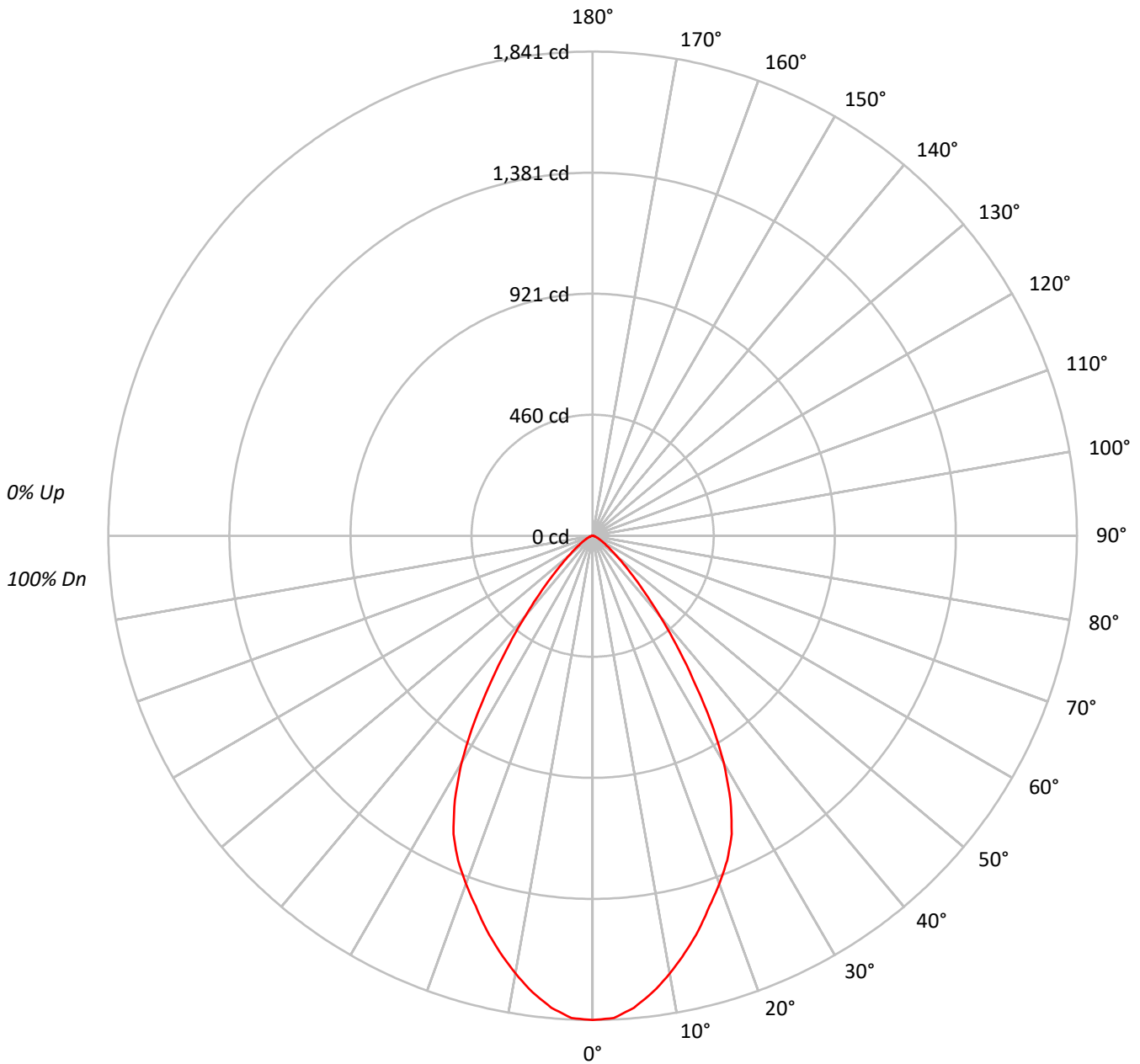
Lumens per Lamp: N/A  
Luminaire Lumens: 1860.4 lumens  
Efficiency: N/A  
Efficacy: 62.4 lumens/watt  
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.93  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

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	113	110	107	105	111	108	105	103	104	102	100	100	99	97	97	95	94	92			92
2	107	102	97	93	105	100	96	92	97	93	90	94	91	88	91	89	87	85			85
3	101	94	88	84	99	92	88	84	90	86	82	87	84	81	85	82	80	78			78
4	95	87	81	76	93	86	80	76	84	79	75	82	78	74	80	76	73	72			72
5	90	81	75	70	88	80	74	70	78	73	69	76	72	68	75	71	68	66			66
6	85	75	69	64	83	75	69	64	73	68	64	72	67	63	70	66	63	61			61
7	80	70	64	59	79	70	64	59	68	63	59	67	62	59	66	62	58	57			57
8	76	66	60	55	75	65	59	55	64	59	55	63	58	55	62	58	54	53			53
9	72	62	56	51	71	61	55	51	60	55	51	60	55	51	59	54	51	49			49
10	69	58	52	48	68	58	52	48	57	52	48	56	51	48	55	51	48	46			46

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

	0°
0°	100929
5°	99125
10°	94059
15°	88201
20°	82140
25°	75688
30°	63067
35°	44450
40°	28332
45°	16893
50°	9970
55°	6346
60°	4375
65°	3100
70°	2132
75°	1673
80°	821
85°	0



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	168.3	9.0
10°-20°	435.5	23.4
20°-30°	564.3	30.3
30°-40°	419.0	22.5
40°-50°	176.9	9.5
50°-60°	62.8	3.4
60°-70°	24.2	1.3
70°-80°	8.4	0.5
80°-90°	1.1	0.1
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°	1168.1	62.8
0°-40°	1587.1	85.3
0°-60°	1826.7	98.2
0°-90°	1860.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1860.4	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1841	
5°	1801	168
15°	1554	435
25°	1251	564
35°	664	419
45°	218	177
55°	66	63
65°	24	24
75°	8	8
85°	0	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1841.1
2.5°	1835.7
5°	1801.3
7.5°	1750.7
10°	1689.7
12.5°	1623.3
15°	1554.1
17.5°	1477.2
20°	1408.0
22.5°	1336.3
25°	1251.3
27.5°	1134.4
30°	996.3
32.5°	834.2
35°	664.2
37.5°	520.8
40°	395.9
42.5°	294.9
45°	217.9
47.5°	159.4
50°	116.9
52.5°	87.7
55°	66.4
57.5°	50.4
60°	39.9
62.5°	29.3
65°	23.9
67.5°	18.5
70°	13.3
72.5°	10.6
75°	7.9
77.5°	5.4
80°	2.6
82.5°	2.6
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG







— 0°-180°







(END OF REPORT)