

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: P844188

Luminaire Tested: **LD6C25DE010B2750 EU6C25B27 6LBMB**

Issue Date: 5/7/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P844188  
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 EU6C25B27 6LBMB  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

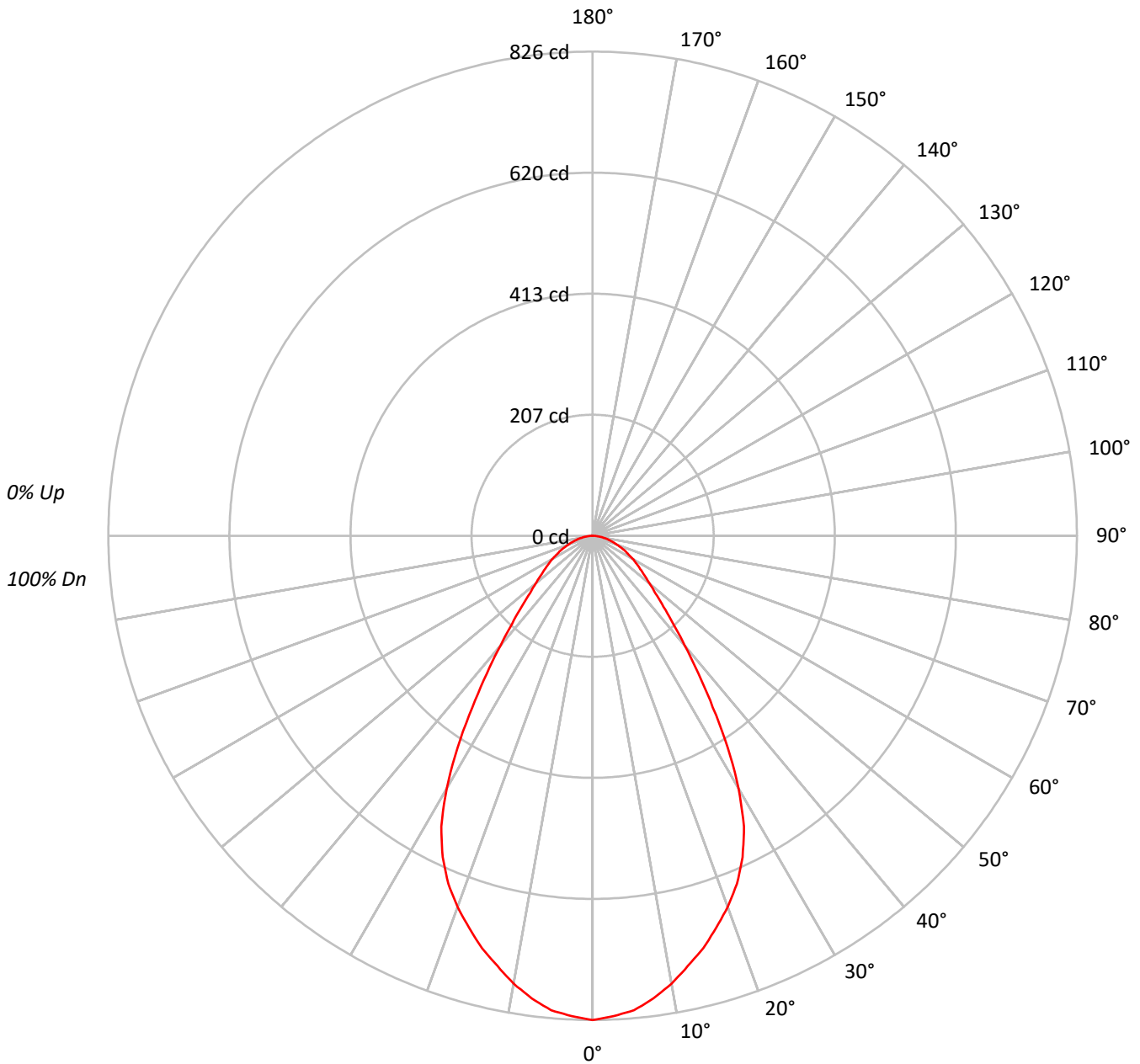
Lumens per Lamp: N/A  
Luminaire Lumens: 1107.3 lumens  
Efficiency: N/A  
Efficacy: 37.2 lumens/watt  
Spacing Criteria (0/90/45): 1 / 1 / 0.97  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

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

TEST NUMBER: P844188

CATALOG NUMBER: LD6C25DE010B2750 EU6C25B27 6LBMB

### Luminous Intensity Polar Plot





TEST NUMBER: P844188

CATALOG NUMBER: LD6C25DE010B2750 EU6C25B27 6LBMB

**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°	45292
5°	44712
10°	43191
15°	41345
20°	39291
25°	36589
30°	31511
35°	23918
40°	17483
45°	13257
50°	10814
55°	9491
60°	8705
65°	7926
70°	7101
75°	6481
80°	5777
85°	4780



TEST NUMBER: P844188

CATALOG NUMBER: LD6C25DE010B2750 EU6C25B27 6LBMB

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	76.3	6.9
10°-20°	204.4	18.5
20°-30°	274.5	24.8
30°-40°	225.2	20.3
40°-50°	135.2	12.2
50°-60°	89.9	8.1
60°-70°	60.2	5.4
70°-80°	32.4	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°	555.3	50.1
0°-40°	780.5	70.5
0°-60°	1005.6	90.8
0°-90°	1107.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1107.3	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	826	
5°	812	76
15°	728	204
25°	605	275
35°	357	225
45°	171	135
55°	99	90
65°	61	60
75°	31	32
85°	8	9
90°	0	



TEST NUMBER: P844188

CATALOG NUMBER: LD6C25DE010B2750 EU6C25B27 6LBMB

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	826.2
2.5°	820.1
5°	812.5
7.5°	795.8
10°	775.9
12.5°	751.4
15°	728.5
17.5°	701.0
20°	673.5
22.5°	643.0
25°	604.9
27.5°	559.0
30°	497.8
32.5°	429.2
35°	357.4
37.5°	296.2
40°	244.3
42.5°	203.2
45°	171.0
47.5°	145.1
50°	126.8
52.5°	111.5
55°	99.3
57.5°	88.6
60°	79.4
62.5°	68.7
65°	61.1
67.5°	51.9
70°	44.3
72.5°	36.7
75°	30.6
77.5°	24.4
80°	18.3
82.5°	13.7
85°	7.6
87.5°	3.1
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG







— 0°-180°







(END OF REPORT)