

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: P844266

Luminaire Tested: **LD6C25DE010B50 EU6C25B50 6LBWLI**

Issue Date: 2/17/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P844266  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P205209)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/17/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LD6C25DE010B50 EU6C25B50 6LBWLI  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

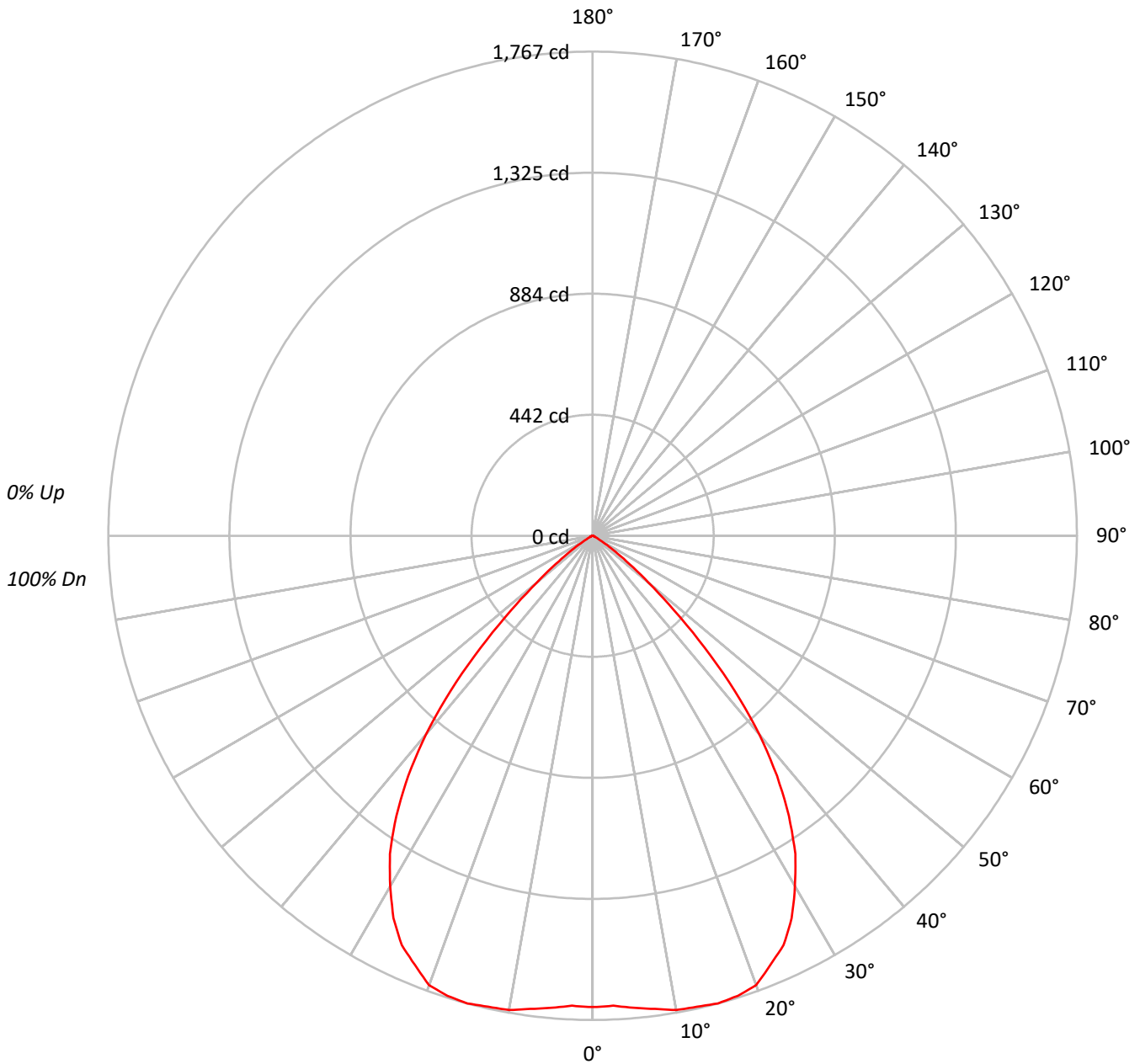
Lumens per Lamp: N/A  
Luminaire Lumens: 2753.0 lumens  
Efficiency: N/A  
Efficacy: 92.4 lumens/watt  
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.18  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

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: P844266

CATALOG NUMBER: LD6C25DE010B50 EU6C25B50 6LBWLI

### Luminous Intensity Polar Plot





TEST NUMBER: P844266

CATALOG NUMBER: LD6C25DE010B50 EU6C25B50 6LBWLI

**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	113	110	107	104	110	107	105	103	103	101	99	100	98	97	96	95	94	92			
2	106	101	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83			
3	100	92	87	82	97	91	86	81	88	84	80	86	82	79	83	80	77	76			
4	93	85	78	73	92	84	78	73	81	76	72	79	75	71	77	74	70	69			
5	88	78	71	66	86	77	71	66	75	70	65	73	69	65	72	68	64	63			
6	82	72	65	60	81	71	65	60	70	64	59	68	63	59	67	62	59	57			
7	77	67	60	55	76	66	59	55	65	59	54	63	58	54	62	57	54	52			
8	73	62	55	50	71	61	55	50	60	54	50	59	54	50	58	53	49	48			
9	69	57	51	46	67	57	50	46	56	50	46	55	50	46	54	49	46	44			
10	65	54	47	43	64	53	47	42	52	46	42	51	46	42	51	46	42	41			

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

	0°
0°	94285
5°	95157
10°	97822
15°	100267
20°	101789
25°	99683
30°	93464
35°	83553
40°	67677
45°	44772
50°	22635
55°	9548
60°	3070
65°	1206
70°	994
75°	678
80°	0
85°	0



TEST NUMBER: P844266

CATALOG NUMBER: LD6C25DE010B50 EU6C25B50 6LBWLI

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	165.9	6.0
10°-20°	498.7	18.1
20°-30°	751.8	27.3
30°-40°	769.4	27.9
40°-50°	448.3	16.3
50°-60°	103.0	3.7
60°-70°	12.6	0.5
70°-80°	3.3	0.1
80°-90°	0.0	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°	1416.4	51.4
0°-40°	2185.8	79.4
0°-60°	2737.1	99.4
0°-90°	2753.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2753.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1720	
5°	1729	166
15°	1767	499
25°	1648	752
35°	1248	769
45°	578	448
55°	100	103
65°	9	13
75°	3	3
85°	0	0
90°	0	



TEST NUMBER: P844266

CATALOG NUMBER: LD6C25DE010B50 EU6C25B50 6LBWLI

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1719.9
2.5°	1716.8
5°	1729.2
7.5°	1741.7
10°	1757.3
12.5°	1760.4
15°	1766.7
17.5°	1760.4
20°	1744.8
22.5°	1694.9
25°	1648.0
27.5°	1573.2
30°	1476.5
32.5°	1376.5
35°	1248.5
37.5°	1104.9
40°	945.7
42.5°	767.8
45°	577.5
47.5°	402.6
50°	265.4
52.5°	168.6
55°	99.9
57.5°	53.1
60°	28.0
62.5°	15.7
65°	9.3
67.5°	9.3
70°	6.2
72.5°	3.2
75°	3.2
77.5°	3.2
80°	0.0
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)