

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: P844225

Luminaire Tested: **LD6C25DE010B2750 EU6C25B35 6LBMLI**

Issue Date: 2/17/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P844225  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P205108)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/17/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LD6C25DE010B2750 EU6C25B35 6LBMLI  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

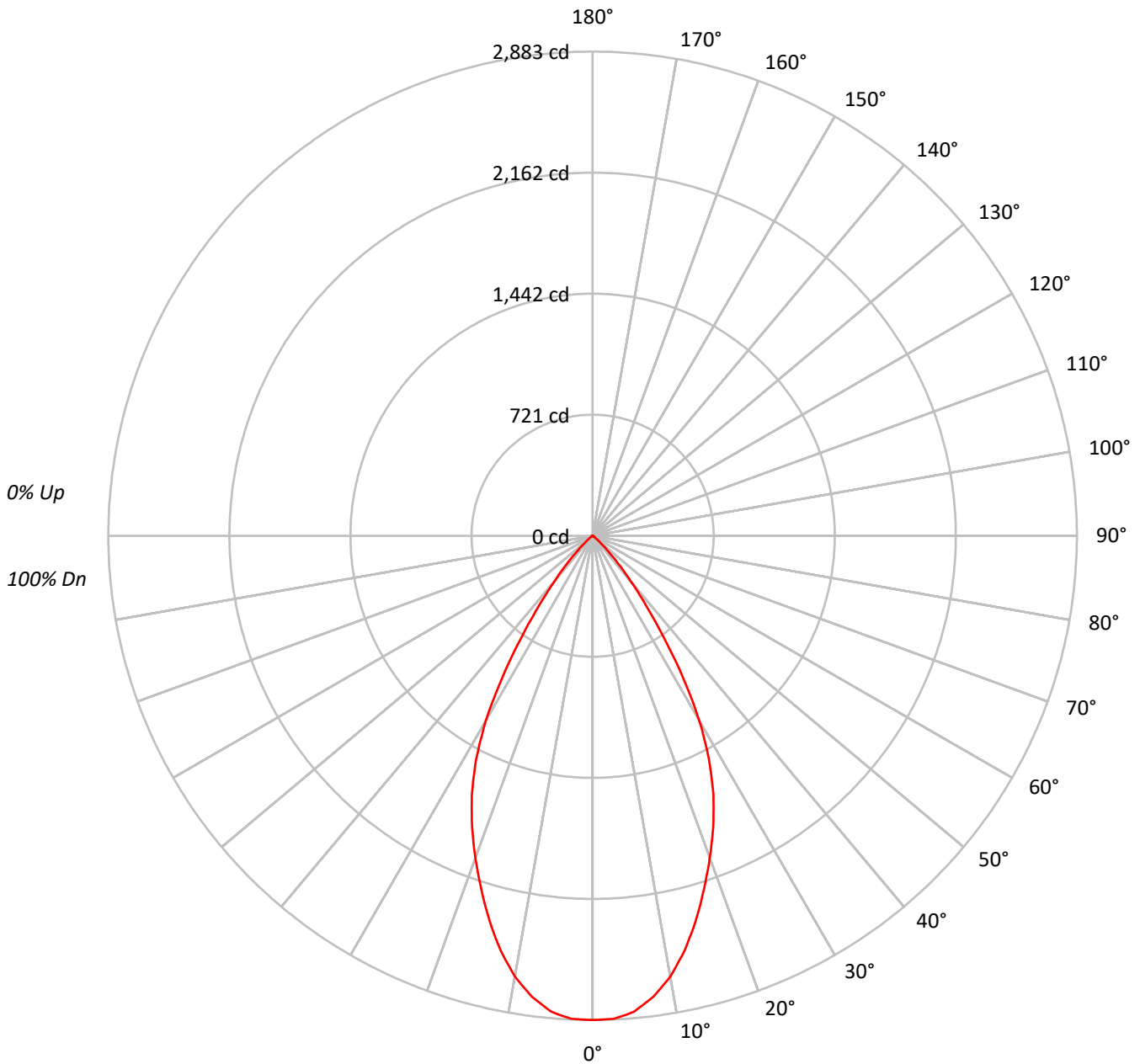
Lumens per Lamp: N/A  
Luminaire Lumens: 2303.5 lumens  
Efficiency: N/A  
Efficacy: 77.3 lumens/watt  
Spacing Criteria (0/90/45): 0.85 / 0.85 / 0.85  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

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	114	111	109	106	111	109	107	105	105	103	101	101	100	98	98	97	96	94			
2	108	103	100	96	106	102	98	95	99	96	93	96	93	91	93	91	89	88			
3	103	97	92	88	101	95	91	87	93	89	86	90	87	85	88	85	83	82			
4	98	91	85	81	96	89	84	81	87	83	80	85	82	79	83	80	78	76			
5	93	85	79	75	91	84	79	75	82	78	74	81	77	73	79	76	73	71			
6	89	80	74	70	87	79	74	70	78	73	69	76	72	69	75	71	68	67			
7	84	75	69	65	83	75	69	65	73	68	65	72	68	64	71	67	64	63			
8	80	71	65	61	79	70	65	61	69	64	61	68	64	60	67	63	60	59			
9	77	67	61	57	75	67	61	57	66	61	57	65	60	57	64	60	57	55			
10	73	64	58	54	72	63	58	54	62	57	54	62	57	54	61	57	54	52			

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

	0°
0°	158036
5°	156532
10°	148327
15°	134666
20°	118999
25°	102877
30°	80417
35°	49322
40°	25312
45°	10055
50°	3266
55°	1118
60°	965
65°	765
70°	481
75°	635
80°	0
85°	0



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	265.6	11.5
10°-20°	661.2	28.7
20°-30°	768.6	33.4
30°-40°	470.7	20.4
40°-50°	116.9	5.1
50°-60°	13.6	0.6
60°-70°	5.1	0.2
70°-80°	2.0	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°	1695.3	73.6
0°-40°	2166.0	94.0
0°-60°	2296.5	99.7
0°-90°	2303.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2303.5	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2883	
5°	2844	266
15°	2373	661
25°	1701	769
35°	737	471
45°	130	117
55°	12	14
65°	6	5
75°	3	2
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	2882.8
2.5°	2879.8
5°	2844.5
7.5°	2767.8
10°	2664.6
12.5°	2529.0
15°	2372.8
17.5°	2204.8
20°	2039.8
22.5°	1874.7
25°	1700.8
27.5°	1500.4
30°	1270.4
32.5°	1002.2
35°	737.0
37.5°	518.8
40°	353.7
42.5°	221.0
45°	129.7
47.5°	73.7
50°	38.3
52.5°	17.7
55°	11.7
57.5°	8.8
60°	8.8
62.5°	5.9
65°	5.9
67.5°	3.0
70°	3.0
72.5°	3.0
75°	3.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)