

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: P844218

Luminaire Tested: **LD6C25DE010B2750 EU6C25B35 6LBCSMW**

Issue Date: 5/7/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P844218  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P204757)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LD6C25DE010B2750 EU6C25B35 6LBSCMW  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

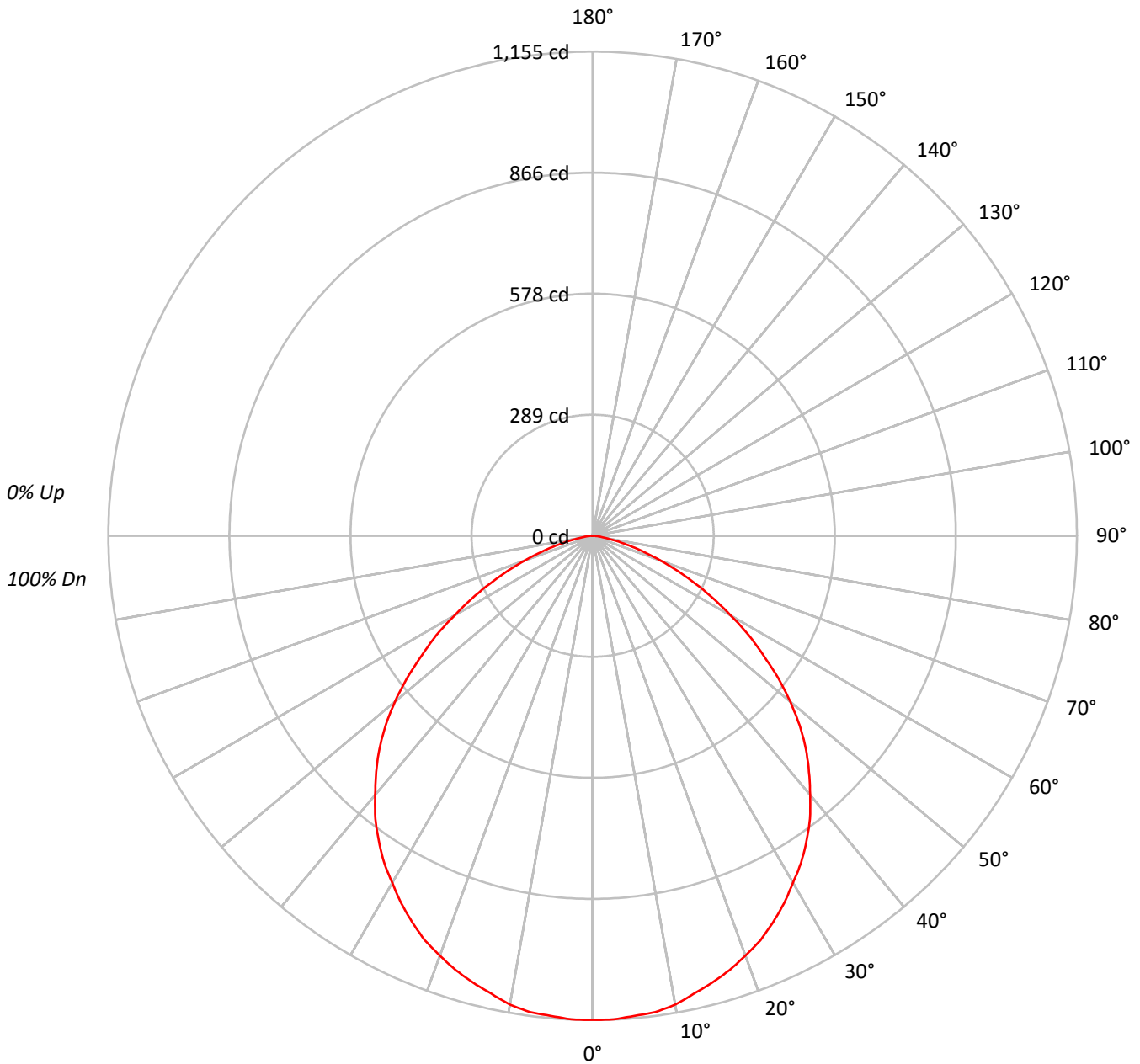
Lumens per Lamp: N/A  
Luminaire Lumens: 2827.0 lumens  
Efficiency: N/A  
Efficacy: 94.9 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

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				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	110	106	102	99	108	104	100	97	100	97	94	96	93	91	92	90	89	87				87
2	101	94	87	82	99	92	86	81	88	84	79	85	81	78	82	79	76	74				74
3	93	83	75	70	90	81	74	69	79	73	68	76	71	67	73	69	65	63				63
4	85	74	66	60	83	73	65	59	70	64	58	68	62	58	66	61	57	55				55
5	79	66	58	52	77	65	57	51	63	56	51	61	55	50	60	54	50	48				48
6	73	60	52	45	71	59	51	45	57	50	45	56	49	44	54	49	44	42				42
7	68	55	46	40	66	54	46	40	52	45	40	51	44	40	50	44	39	37				37
8	63	50	42	36	61	49	41	36	48	41	36	47	40	36	46	40	35	33				33
9	59	46	38	33	57	45	38	32	44	37	32	43	37	32	42	36	32	30				30
10	55	42	35	30	54	42	34	30	41	34	29	40	34	29	39	33	29	27				27

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

	0°
0°	63306
5°	63251
10°	63225
15°	62622
20°	62171
25°	61546
30°	60503
35°	59515
40°	57751
45°	55789
50°	52459
55°	47492
60°	41685
65°	35101
70°	27457
75°	19253
80°	10797
85°	7422



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	109.4	3.9
10°-20°	311.5	11.0
20°-30°	468.5	16.6
30°-40°	555.3	19.6
40°-50°	552.6	19.5
50°-60°	445.4	15.8
60°-70°	269.4	9.5
70°-80°	100.1	3.5
80°-90°	14.8	0.5
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°	889.4	31.5
0°-40°	1444.7	51.1
0°-60°	2442.7	86.4
0°-90°	2827.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2827.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1155	
5°	1149	109
15°	1103	311
25°	1018	468
35°	889	555
45°	720	553
55°	497	445
65°	271	269
75°	91	100
85°	12	15
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1154.8
2.5°	1154.8
5°	1149.4
7.5°	1146.2
10°	1135.8
12.5°	1118.6
15°	1103.4
17.5°	1086.2
20°	1065.7
22.5°	1044.9
25°	1017.5
27.5°	988.5
30°	955.8
32.5°	925.2
35°	889.3
37.5°	851.5
40°	807.0
42.5°	763.9
45°	719.6
47.5°	669.8
50°	615.1
52.5°	558.4
55°	496.9
57.5°	442.0
60°	380.2
62.5°	325.5
65°	270.6
67.5°	219.2
70°	171.3
72.5°	128.6
75°	90.9
77.5°	58.2
80°	34.2
82.5°	20.5
85°	11.8
87.5°	5.1
90°	0.0



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— 0°-180°







(END OF REPORT)