

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: P844226

Luminaire Tested: **LD6C25DE010B35 EU6C25B35 6LBMMW**

Issue Date: 5/7/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P844226  
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: LD6C25DE010B35 EU6C25B35 6LBMMW  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

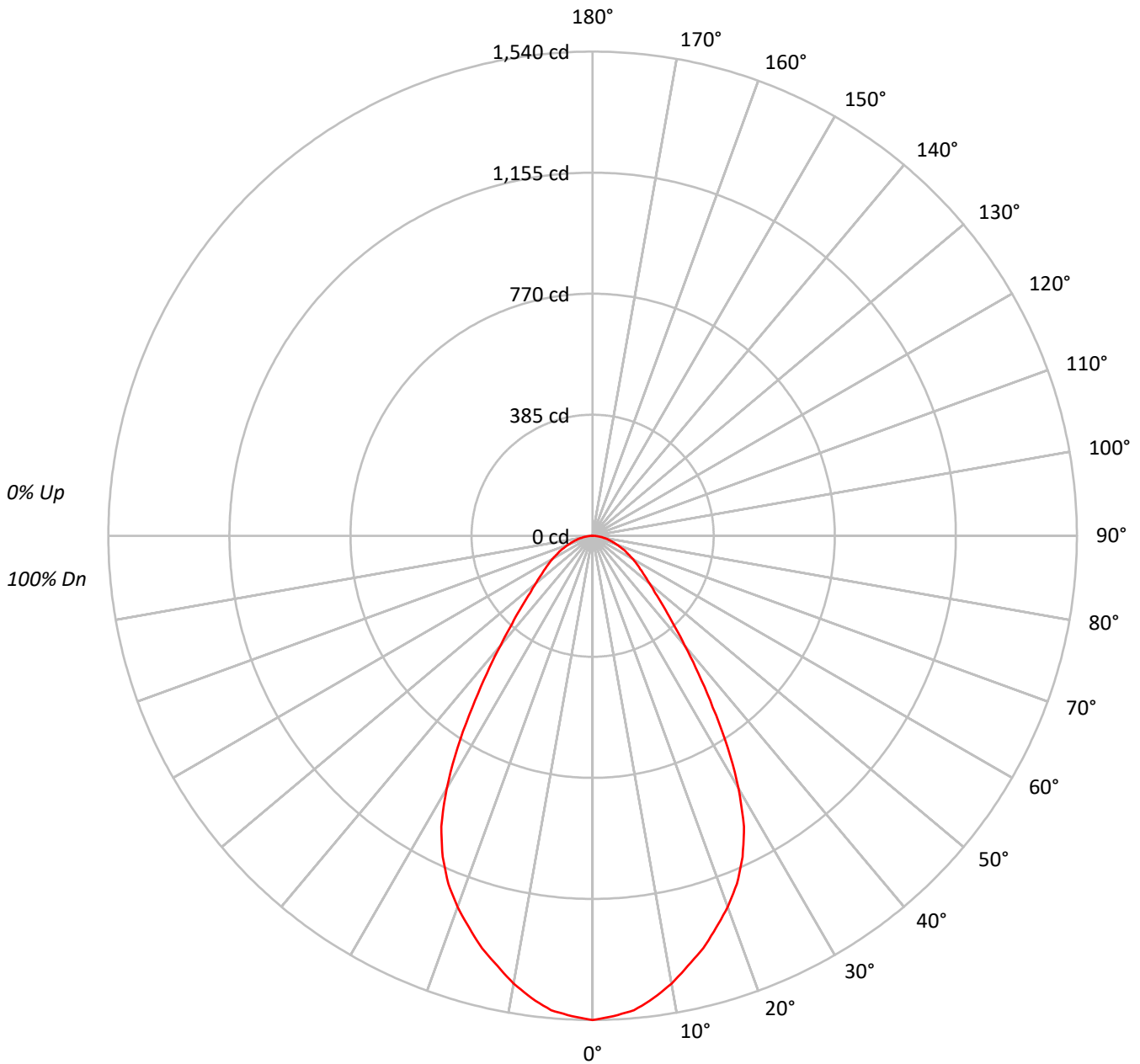
Lumens per Lamp: N/A  
Luminaire Lumens: 2064.5 lumens  
Efficiency: N/A  
Efficacy: 69.3 lumens/watt  
Spacing Criteria (0/90/45): 1 / 1 / 0.97  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

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

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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	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°	84445
5°	83359
10°	80521
15°	77083
20°	73256
25°	68200
30°	58762
35°	44591
40°	32597
45°	24723
50°	20161
55°	17691
60°	16238
65°	14775
70°	13223
75°	12052
80°	10797
85°	8932



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	142.3	6.9
10°-20°	381.2	18.5
20°-30°	511.8	24.8
30°-40°	419.8	20.3
40°-50°	252.1	12.2
50°-60°	167.5	8.1
60°-70°	112.3	5.4
70°-80°	60.4	2.9
80°-90°	17.0	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°	1035.3	50.1
0°-40°	1455.1	70.5
0°-60°	1874.7	90.8
0°-90°	2064.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2064.5	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1540	
5°	1515	142
15°	1358	381
25°	1128	512
35°	666	420
45°	319	252
55°	185	168
65°	114	112
75°	57	60
85°	14	17
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1540.4
2.5°	1529.0
5°	1514.8
7.5°	1483.5
10°	1446.5
12.5°	1400.9
15°	1358.2
17.5°	1306.9
20°	1255.7
22.5°	1198.8
25°	1127.5
27.5°	1042.2
30°	928.3
32.5°	800.1
35°	666.3
37.5°	552.4
40°	455.5
42.5°	378.7
45°	318.9
47.5°	270.5
50°	236.4
52.5°	207.8
55°	185.1
57.5°	165.2
60°	148.1
62.5°	128.2
65°	113.9
67.5°	96.9
70°	82.5
72.5°	68.3
75°	56.9
77.5°	45.5
80°	34.2
82.5°	25.6
85°	14.2
87.5°	5.7
90°	0.0



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— 0°-180°







(END OF REPORT)