

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: P844294

Luminaire Tested: **LD6C30DE010B2750 EU6C30B30 6LBMMW**

Issue Date: 5/7/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P844294  
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: LD6C30DE010B2750 EU6C30B30 6LBMMW  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

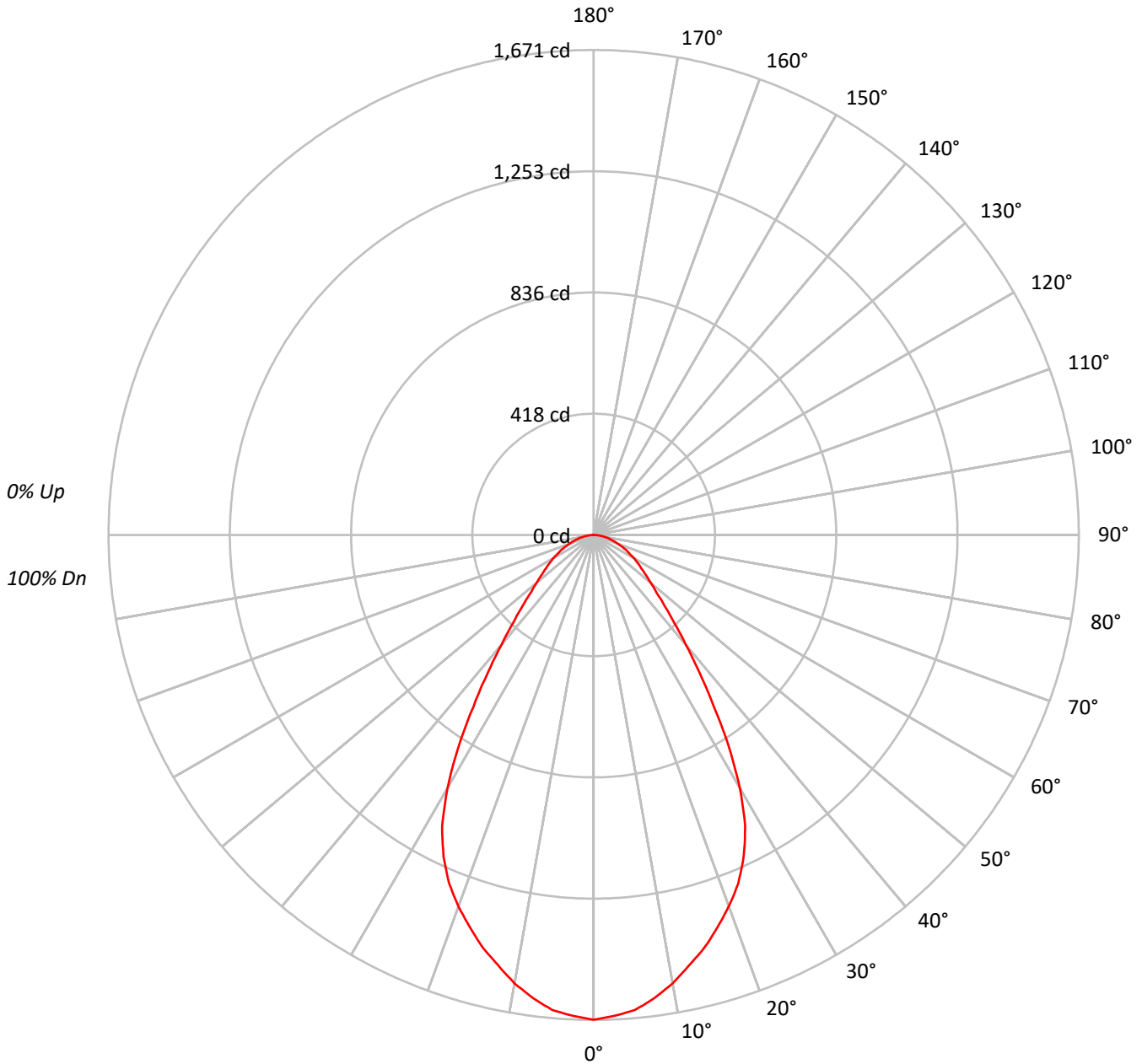
Lumens per Lamp: N/A  
Luminaire Lumens: 2239.0 lumens  
Efficiency: N/A  
Efficacy: 65.7 lumens/watt  
Spacing Criteria (0/90/45): 1 / 1 / 0.97  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

Input Watts (W): 34.1  
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			100
1	111	108	104	101	109	105	103	100	101	99	97	98	96	94	94	92	91	89			89
2	104	97	92	88	101	96	91	87	92	88	85	89	86	83	86	83	81	79			79
3	97	88	82	77	95	87	81	76	84	79	75	82	77	74	79	76	73	71			71
4	90	81	74	68	88	80	73	68	77	72	67	75	70	66	73	69	65	64			64
5	85	74	67	61	83	73	66	61	71	65	61	69	64	60	68	63	59	58			58
6	79	68	61	56	78	68	61	56	66	60	55	64	59	55	63	58	54	53			53
7	75	63	56	51	73	63	56	51	61	55	50	60	54	50	59	54	50	48			48
8	70	59	52	47	69	58	51	47	57	51	46	56	50	46	55	50	46	44			44
9	66	55	48	43	65	54	48	43	53	47	43	52	47	43	51	46	43	41			41
10	63	51	45	40	62	51	44	40	50	44	40	49	44	40	48	43	40	38			38

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

	0°
0°	91583
5°	90408
10°	87329
15°	83604
20°	79451
25°	73970
30°	63725
35°	48365
40°	35359
45°	26809
50°	21867
55°	19182
60°	17597
65°	16020
70°	14345
75°	13090
80°	11712
85°	9686



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	154.3	6.9
10°-20°	413.4	18.5
20°-30°	555.1	24.8
30°-40°	455.3	20.3
40°-50°	273.4	12.2
50°-60°	181.7	8.1
60°-70°	121.8	5.4
70°-80°	65.6	2.9
80°-90°	18.5	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°	1122.8	50.1
0°-40°	1578.1	70.5
0°-60°	2033.2	90.8
0°-90°	2239.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2239.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1671	
5°	1643	154
15°	1473	413
25°	1223	555
35°	723	455
45°	346	273
55°	201	182
65°	124	122
75°	62	66
85°	15	18
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1670.6
2.5°	1658.3
5°	1642.9
7.5°	1608.9
10°	1568.8
12.5°	1519.3
15°	1473.1
17.5°	1417.4
20°	1361.9
22.5°	1300.1
25°	1222.9
27.5°	1130.3
30°	1006.7
32.5°	867.7
35°	722.7
37.5°	599.0
40°	494.1
42.5°	410.8
45°	345.8
47.5°	293.4
50°	256.4
52.5°	225.5
55°	200.7
57.5°	179.2
60°	160.5
62.5°	139.0
65°	123.5
67.5°	105.0
70°	89.5
72.5°	74.1
75°	61.8
77.5°	49.4
80°	37.1
82.5°	27.8
85°	15.4
87.5°	6.1
90°	0.0



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— 0°-180°







(END OF REPORT)