

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: P844267

Luminaire Tested: **LD6C30DE010B2750 EU6C30B27 6LBCSMB**

Issue Date: 5/7/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P844267  
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: LD6C30DE010B2750 EU6C30B27 6LBCSMB  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

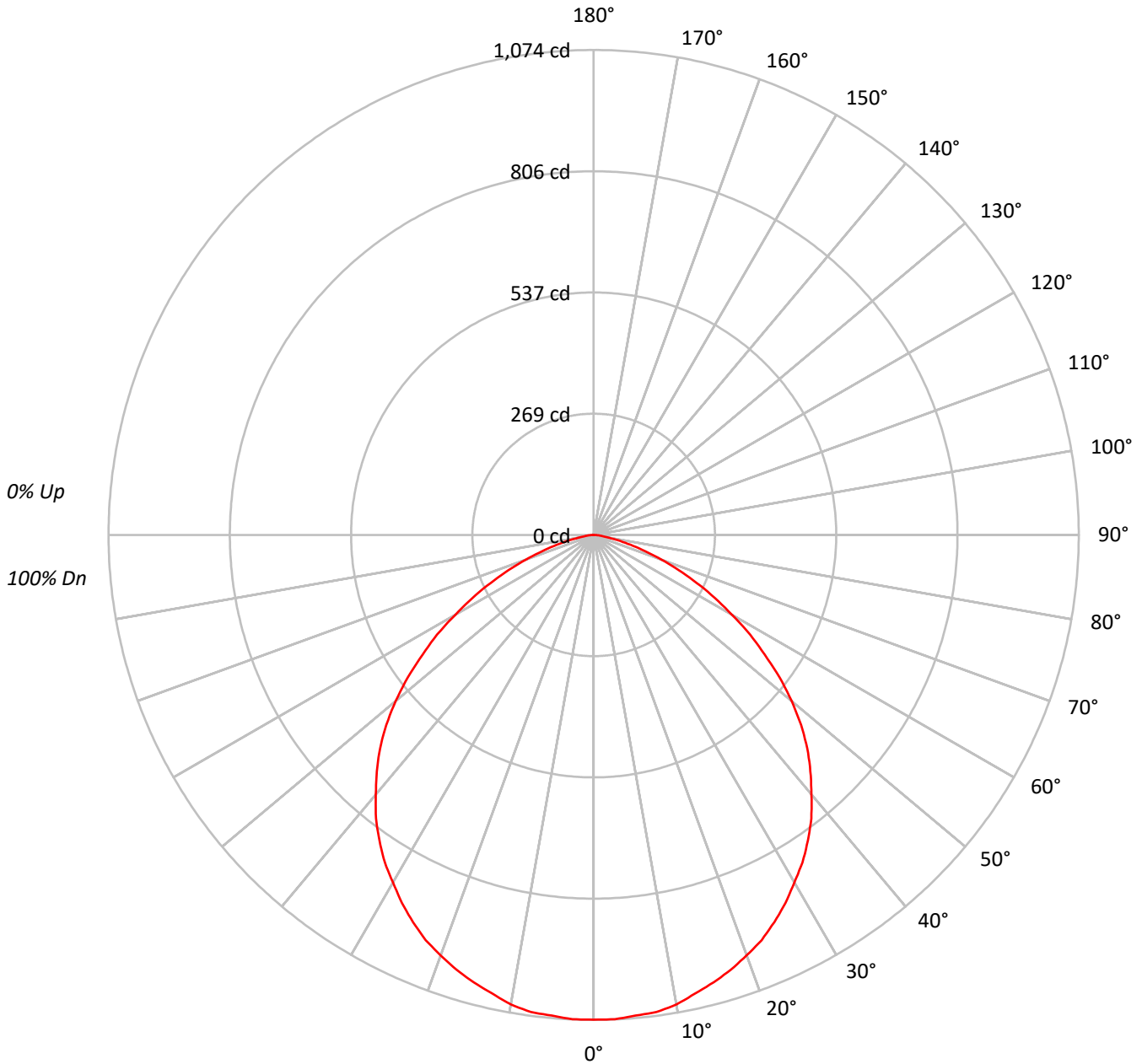
Lumens per Lamp: N/A  
Luminaire Lumens: 2628.3 lumens  
Efficiency: N/A  
Efficacy: 77.1 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

Input Watts (W): 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									
RC	80									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	110	106	102	99	108	104	100	97	100	97	94	96	93	91	92	90	89	87																			
2	101	94	87	82	99	92	86	81	88	84	79	85	81	78	82	79	76	74																			
3	93	83	75	70	90	81	74	69	79	73	68	76	71	67	73	69	65	63																			
4	85	74	66	60	83	73	65	59	70	64	58	68	62	58	66	61	57	55																			
5	79	66	58	52	77	65	57	51	63	56	51	61	55	50	60	54	50	48																			
6	73	60	52	45	71	59	51	45	57	50	45	56	49	44	54	49	44	42																			
7	68	55	46	40	66	54	46	40	52	45	40	51	44	40	50	44	39	37																			
8	63	50	42	36	61	49	41	36	48	41	36	47	40	36	46	40	35	33																			
9	59	46	38	33	57	45	38	32	44	37	32	43	37	32	42	36	32	30																			
10	55	42	35	30	54	42	34	30	41	34	29	40	34	29	39	33	29	27																			

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

	0°
0°	58855
5°	58805
10°	58778
15°	58218
20°	57796
25°	57227
30°	56249
35°	55332
40°	53686
45°	51874
50°	48775
55°	44156
60°	38758
65°	32636
70°	25533
75°	17898
80°	10008
85°	6982



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	101.7	3.9
10°-20°	289.6	11.0
20°-30°	435.6	16.6
30°-40°	516.3	19.6
40°-50°	513.7	19.5
50°-60°	414.1	15.8
60°-70°	250.5	9.5
70°-80°	93.0	3.5
80°-90°	13.8	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°	826.8	31.5
0°-40°	1343.1	51.1
0°-60°	2270.9	86.4
0°-90°	2628.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2628.3	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1074	
5°	1069	102
15°	1026	290
25°	946	436
35°	827	516
45°	669	514
55°	462	414
65°	252	250
75°	84	93
85°	11	14
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1073.6
2.5°	1073.6
5°	1068.6
7.5°	1065.6
10°	1055.9
12.5°	1040.0
15°	1025.8
17.5°	1009.8
20°	990.7
22.5°	971.4
25°	946.1
27.5°	919.0
30°	888.6
32.5°	860.2
35°	826.8
37.5°	791.6
40°	750.2
42.5°	710.2
45°	669.1
47.5°	622.6
50°	571.9
52.5°	519.1
55°	462.0
57.5°	410.9
60°	353.5
62.5°	302.6
65°	251.6
67.5°	203.8
70°	159.3
72.5°	119.5
75°	84.5
77.5°	54.2
80°	31.7
82.5°	19.0
85°	11.1
87.5°	4.8
90°	0.0



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— 0°-180°







(END OF REPORT)