

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: P844303

Luminaire Tested: **LD6C30DE010B2750 EU6C30B35 6LBCSMW**

Issue Date: 5/7/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P844303  
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 EU6C30B35 6LBCSMW  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

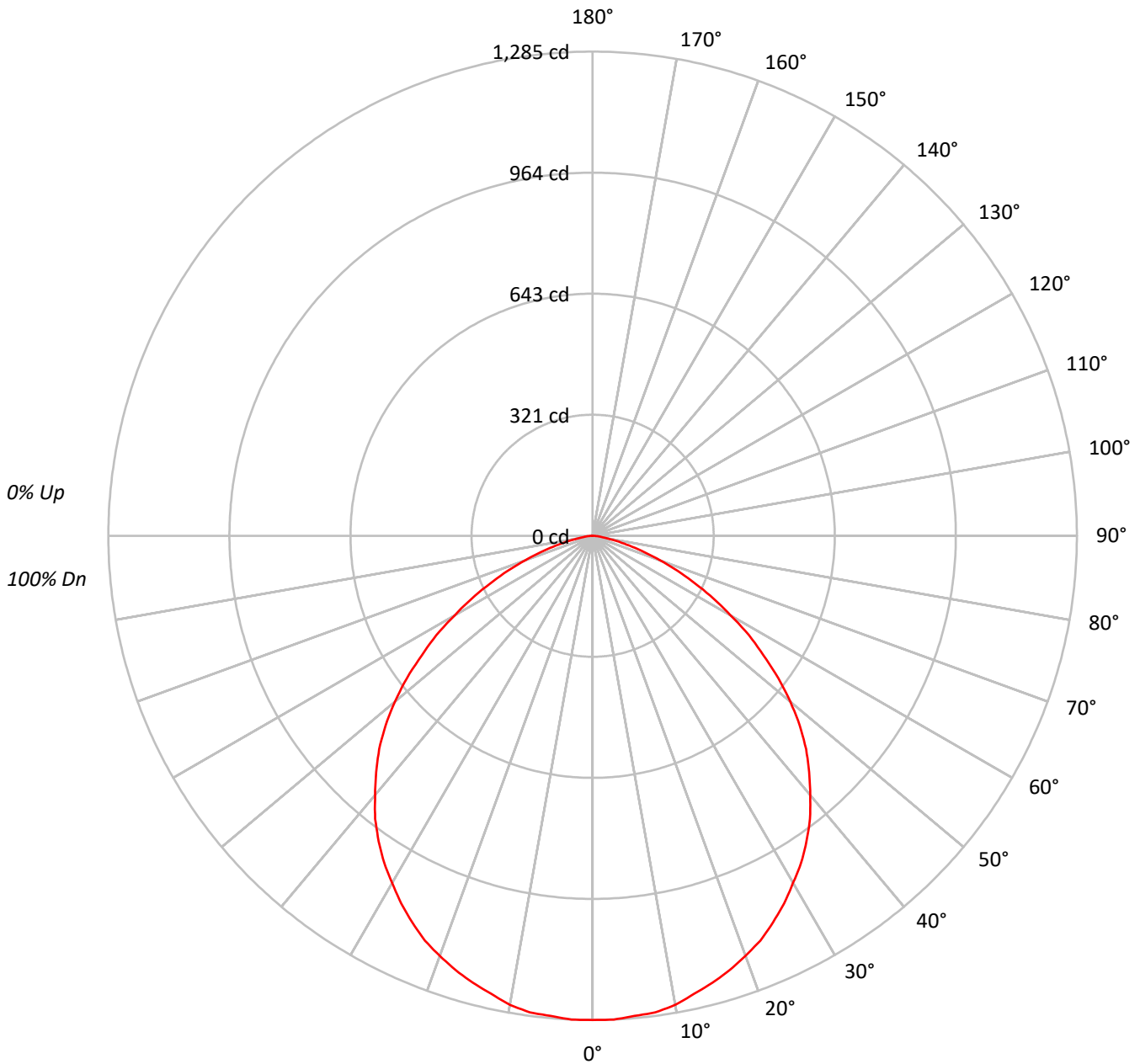
Lumens per Lamp: N/A  
Luminaire Lumens: 3146.4 lumens  
Efficiency: N/A  
Efficacy: 92.3 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

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				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°	70455
5°	70399
10°	70367
15°	69694
20°	69195
25°	68502
30°	67339
35°	66234
40°	64270
45°	62092
50°	58386
55°	52854
60°	46400
65°	39070
70°	30566
75°	21414
80°	12028
85°	8303



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	121.8	3.9
10°-20°	346.6	11.0
20°-30°	521.4	16.6
30°-40°	618.0	19.6
40°-50°	615.0	19.5
50°-60°	495.8	15.8
60°-70°	299.9	9.5
70°-80°	111.4	3.5
80°-90°	16.5	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°	989.8	31.5
0°-40°	1607.9	51.1
0°-60°	2718.6	86.4
0°-90°	3146.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3146.4	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1285	
5°	1279	122
15°	1228	347
25°	1132	521
35°	990	618
45°	801	615
55°	553	496
65°	301	300
75°	101	111
85°	13	16
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1285.2
2.5°	1285.2
5°	1279.3
7.5°	1275.7
10°	1264.1
12.5°	1244.9
15°	1228.0
17.5°	1208.9
20°	1186.1
22.5°	1163.0
25°	1132.5
27.5°	1100.2
30°	1063.8
32.5°	1029.7
35°	989.7
37.5°	947.7
40°	898.1
42.5°	850.2
45°	800.9
47.5°	745.4
50°	684.6
52.5°	621.5
55°	553.0
57.5°	491.9
60°	423.2
62.5°	362.3
65°	301.2
67.5°	244.0
70°	190.7
72.5°	143.1
75°	101.1
77.5°	64.8
80°	38.1
82.5°	22.8
85°	13.2
87.5°	5.6
90°	0.0



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— 0°-180°







(END OF REPORT)