

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: P844302

Luminaire Tested: **LD6C30DE010B2750 EU6C30B35 6LBCSMMS**

Issue Date: 5/7/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P844302  
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 6LBCSMMS  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

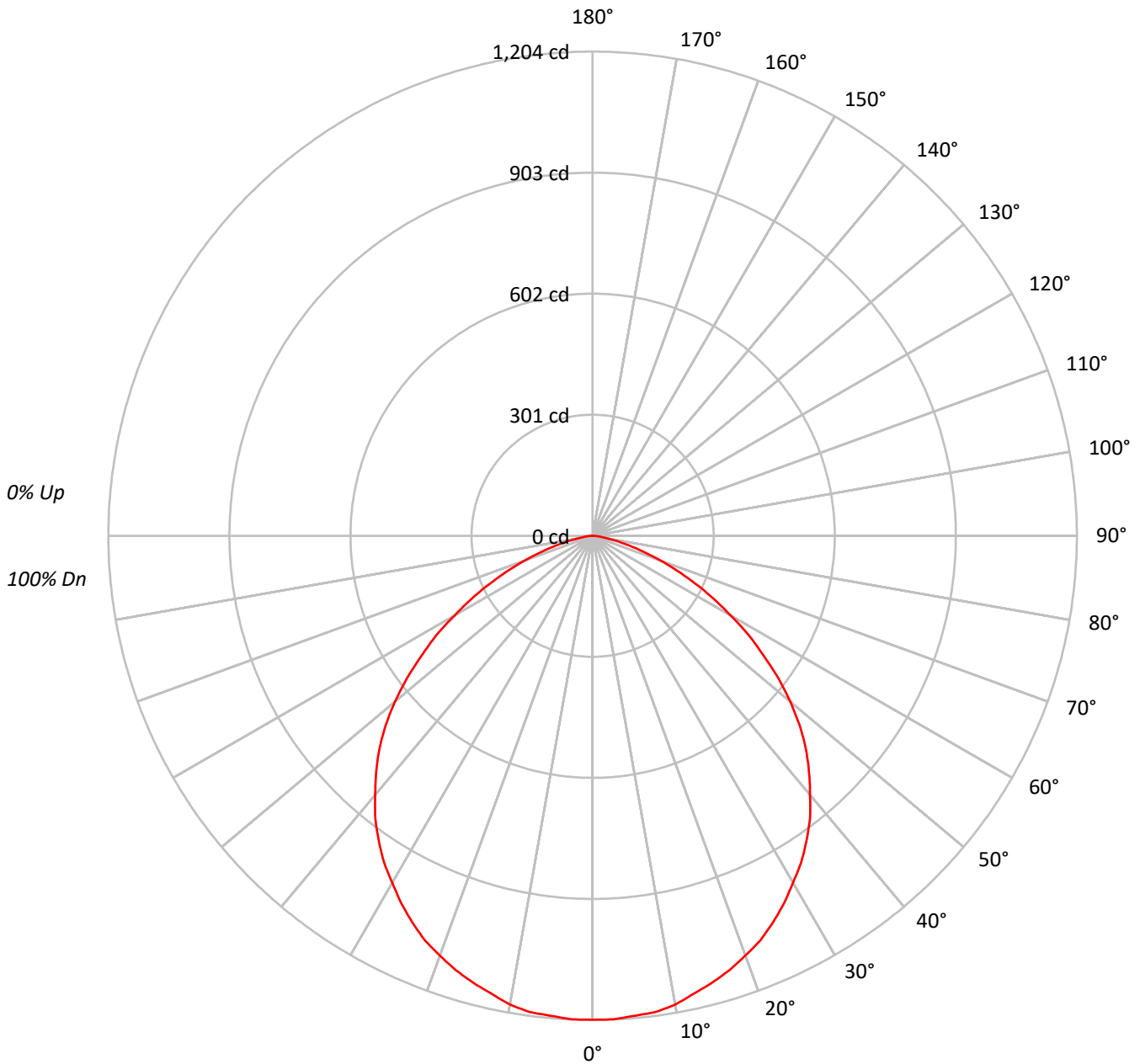
Lumens per Lamp: N/A  
Luminaire Lumens: 2946.6 lumens  
Efficiency: N/A  
Efficacy: 86.4 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

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°	65982
5°	65931
10°	65897
15°	65273
20°	64796
25°	64153
30°	63060
35°	62024
40°	60191
45°	58153
50°	54676
55°	49499
60°	43450
65°	36593
70°	28627
75°	20079
80°	11239
85°	7799



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	114.0	3.9
10°-20°	324.6	11.0
20°-30°	488.3	16.6
30°-40°	578.8	19.6
40°-50°	575.9	19.5
50°-60°	464.3	15.8
60°-70°	280.8	9.5
70°-80°	104.3	3.5
80°-90°	15.5	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°	927.0	31.5
0°-40°	1505.8	51.1
0°-60°	2546.0	86.4
0°-90°	2946.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2946.6	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1204	
5°	1198	114
15°	1150	325
25°	1061	488
35°	927	579
45°	750	576
55°	518	464
65°	282	281
75°	95	104
85°	12	15
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1203.6
2.5°	1203.6
5°	1198.1
7.5°	1194.6
10°	1183.8
12.5°	1165.8
15°	1150.1
17.5°	1132.1
20°	1110.7
22.5°	1089.2
25°	1060.6
27.5°	1030.2
30°	996.2
32.5°	964.4
35°	926.8
37.5°	887.6
40°	841.1
42.5°	796.3
45°	750.1
47.5°	698.1
50°	641.1
52.5°	582.0
55°	517.9
57.5°	460.7
60°	396.3
62.5°	339.3
65°	282.1
67.5°	228.4
70°	178.6
72.5°	134.0
75°	94.8
77.5°	60.7
80°	35.6
82.5°	21.4
85°	12.4
87.5°	5.3
90°	0.0



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— 0°-180°







(END OF REPORT)