

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: P844309

Luminaire Tested: **LD6C30DE010B2750 EU6C30B35 6LBMH**

Issue Date: 2/17/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P844309  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P203254)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/17/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LD6C30DE010B2750 EU6C30B35 6LBMH  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

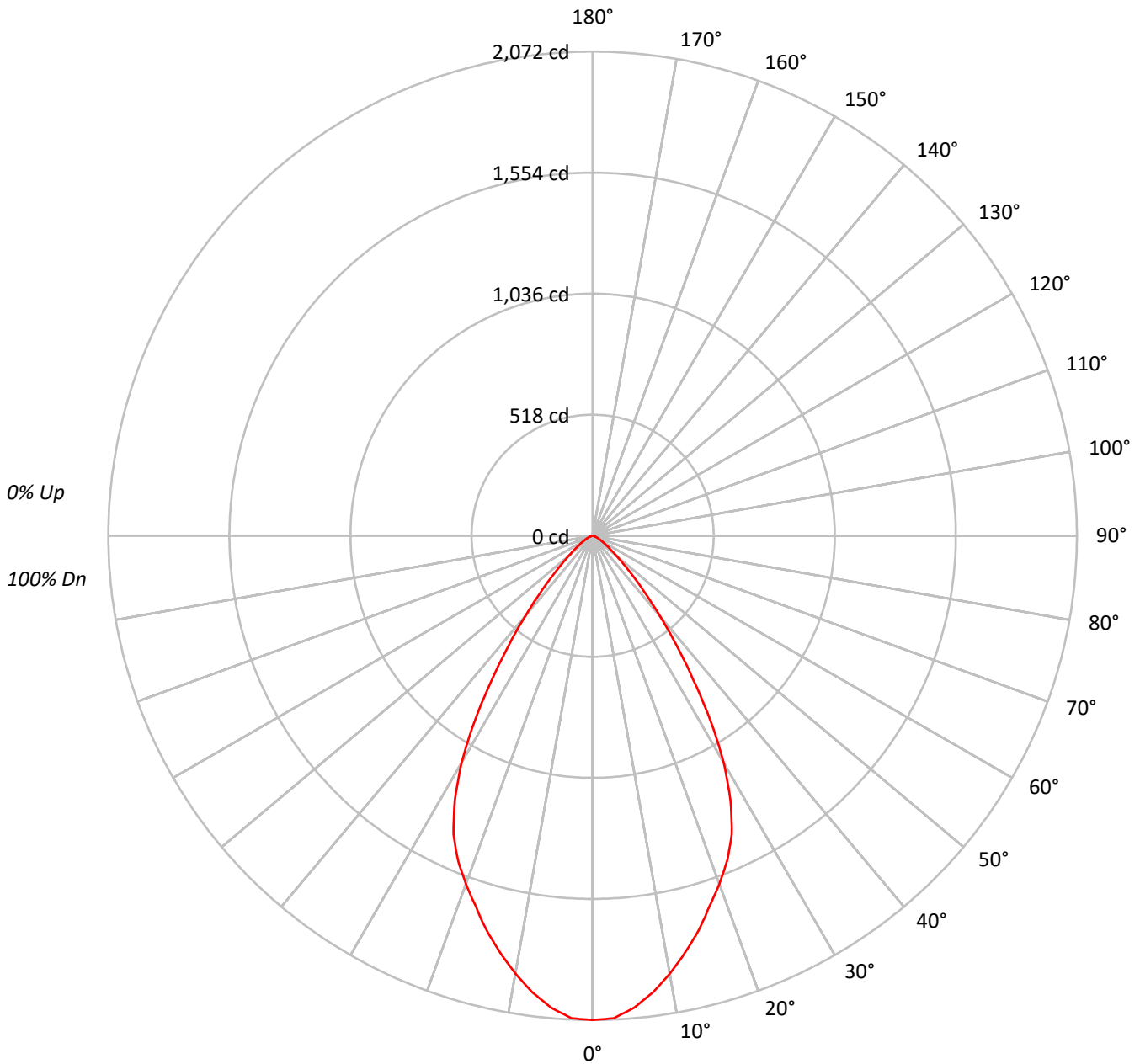
Lumens per Lamp: N/A  
Luminaire Lumens: 2094.2 lumens  
Efficiency: N/A  
Efficacy: 61.4 lumens/watt  
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.93  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

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	113	110	107	105	111	108	105	103	104	102	100	100	99	97	97	95	94	92				92
2	107	102	97	93	105	100	96	92	97	93	90	94	91	88	91	89	87	85				85
3	101	94	88	84	99	92	87	84	90	86	82	87	84	81	85	82	80	78				78
4	95	87	81	76	93	86	80	76	84	79	75	82	78	74	80	76	73	72				72
5	90	81	75	70	88	80	74	70	78	73	69	76	72	68	75	71	68	66				66
6	85	75	69	64	83	75	69	64	73	68	64	72	67	63	70	66	63	61				61
7	80	70	64	59	79	70	64	59	68	63	59	67	62	59	66	62	58	57				57
8	76	66	60	55	75	65	59	55	64	59	55	63	58	55	62	58	54	53				53
9	72	62	56	51	71	61	55	51	60	55	51	60	55	51	59	54	51	49				49
10	69	58	52	48	68	58	52	48	57	52	48	56	51	48	55	51	48	46				46

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

	0°
0°	113609
5°	111578
10°	105876
15°	99285
20°	92466
25°	85203
30°	70986
35°	50032
40°	31888
45°	19017
50°	11224
55°	7140
60°	4912
65°	3489
70°	2404
75°	1906
80°	947
85°	0



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	189.5	9.0
10°-20°	490.2	23.4
20°-30°	635.2	30.3
30°-40°	471.6	22.5
40°-50°	199.1	9.5
50°-60°	70.7	3.4
60°-70°	27.3	1.3
70°-80°	9.5	0.5
80°-90°	1.2	0.1
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°	1314.9	62.8
0°-40°	1786.4	85.3
0°-60°	2056.2	98.2
0°-90°	2094.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2094.2	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2072	
5°	2028	189
15°	1749	490
25°	1409	635
35°	748	472
45°	245	199
55°	75	71
65°	27	27
75°	9	9
85°	0	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	2072.4
2.5°	2066.4
5°	2027.6
7.5°	1970.7
10°	1902.0
12.5°	1827.2
15°	1749.4
17.5°	1662.7
20°	1585.0
22.5°	1504.3
25°	1408.6
27.5°	1276.9
30°	1121.4
32.5°	939.0
35°	747.6
37.5°	586.1
40°	445.6
42.5°	331.9
45°	245.3
47.5°	179.4
50°	131.6
52.5°	98.7
55°	74.7
57.5°	56.8
60°	44.8
62.5°	32.9
65°	26.9
67.5°	20.9
70°	15.0
72.5°	12.0
75°	9.0
77.5°	6.0
80°	3.0
82.5°	3.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)