

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: P844351

Luminaire Tested: **LD6C30DE010B50 EU6C30B50 6LBWLI**

Issue Date: 2/17/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P844351  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P205209)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/17/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LD6C30DE010B50 EU6C30B50 6LBWLI  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

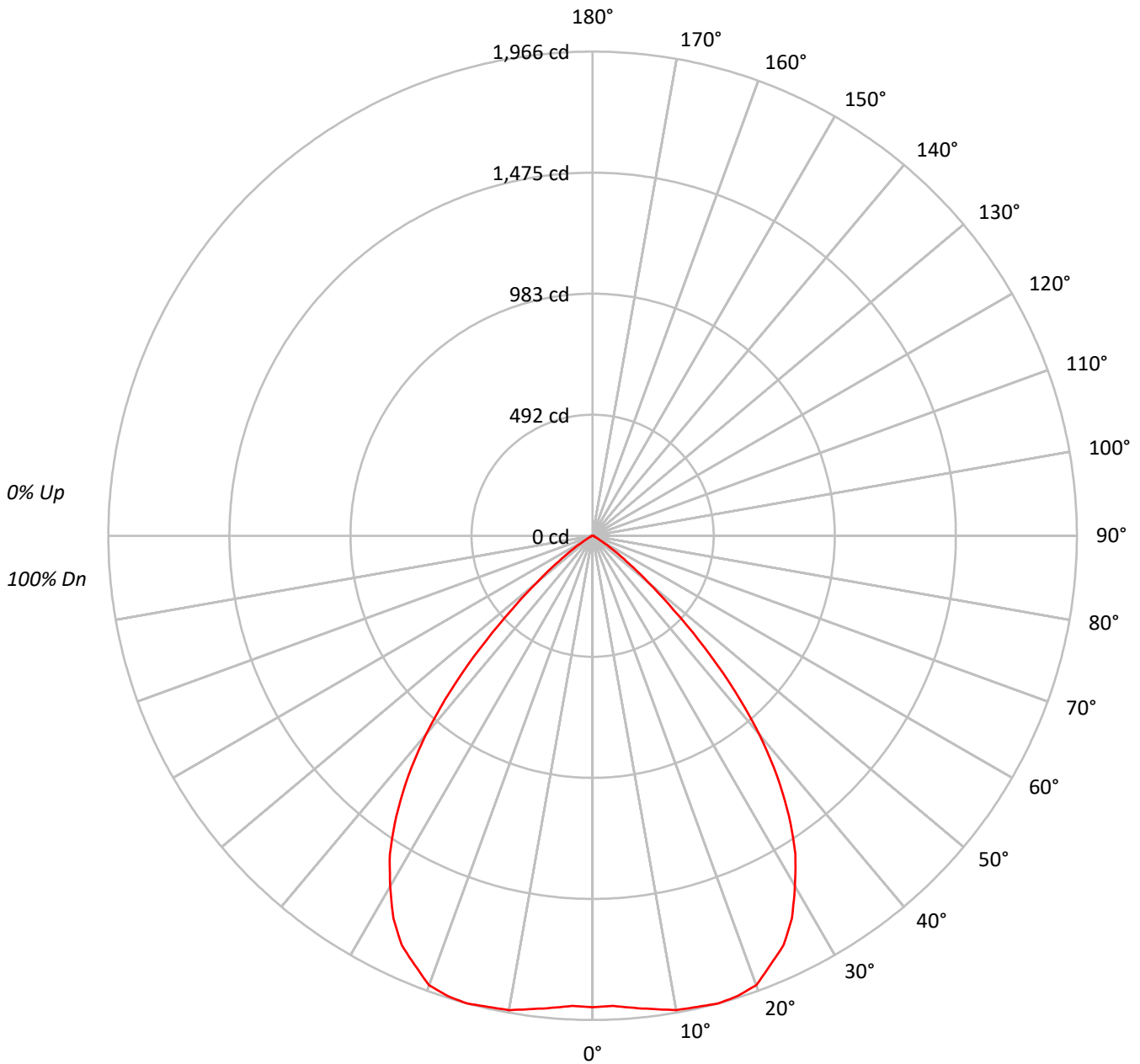
Lumens per Lamp: N/A  
Luminaire Lumens: 3064.0 lumens  
Efficiency: N/A  
Efficacy: 89.9 lumens/watt  
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.18  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

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			
1	113	110	107	104	110	107	105	103	103	101	99	100	98	97	96	95	94	92			
2	106	101	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83			
3	100	92	87	82	97	91	86	81	88	84	80	86	82	79	83	80	77	76			
4	93	85	78	73	92	84	78	73	81	76	72	79	75	71	77	74	70	69			
5	88	78	71	66	86	77	71	66	75	70	65	73	69	65	72	68	64	63			
6	82	72	65	60	81	71	65	60	70	64	59	68	63	59	67	62	59	57			
7	77	67	60	55	76	66	59	55	65	59	54	63	58	54	62	57	54	52			
8	73	62	55	50	71	61	55	50	60	54	50	59	54	50	58	53	49	48			
9	69	57	51	46	67	57	50	46	56	50	46	55	50	46	54	49	46	44			
10	65	54	47	43	64	53	47	42	52	46	42	51	46	42	51	46	42	41			

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

	0°
0°	104931
5°	105904
10°	108871
15°	111590
20°	113287
25°	110940
30°	104010
35°	92996
40°	75327
45°	49827
50°	25185
55°	10628
60°	3421
65°	1349
70°	1122
75°	741
80°	0
85°	0



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	184.7	6.0
10°-20°	555.0	18.1
20°-30°	836.6	27.3
30°-40°	856.3	27.9
40°-50°	498.9	16.3
50°-60°	114.6	3.7
60°-70°	14.1	0.5
70°-80°	3.7	0.1
80°-90°	0.0	0.0
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°	1576.3	51.4
0°-40°	2432.7	79.4
0°-60°	3046.2	99.4
0°-90°	3064.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3064.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1914	
5°	1924	185
15°	1966	555
25°	1834	837
35°	1390	856
45°	643	499
55°	111	115
65°	10	14
75°	4	4
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1914.1
2.5°	1910.6
5°	1924.5
7.5°	1938.3
10°	1955.8
12.5°	1959.3
15°	1966.2
17.5°	1959.3
20°	1941.9
22.5°	1886.3
25°	1834.1
27.5°	1750.9
30°	1643.1
32.5°	1532.0
35°	1389.6
37.5°	1229.7
40°	1052.6
42.5°	854.6
45°	642.7
47.5°	448.1
50°	295.3
52.5°	187.6
55°	111.2
57.5°	59.1
60°	31.2
62.5°	17.3
65°	10.4
67.5°	10.4
70°	7.0
72.5°	3.5
75°	3.5
77.5°	3.5
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)