

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: P844078

Luminaire Tested: **LD6C15DE010B40 EU6C15B40 6LBWH**

Issue Date: 2/17/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P844078  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P202739)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/17/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LD6C15DE010B40 EU6C15B40 6LBWH  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

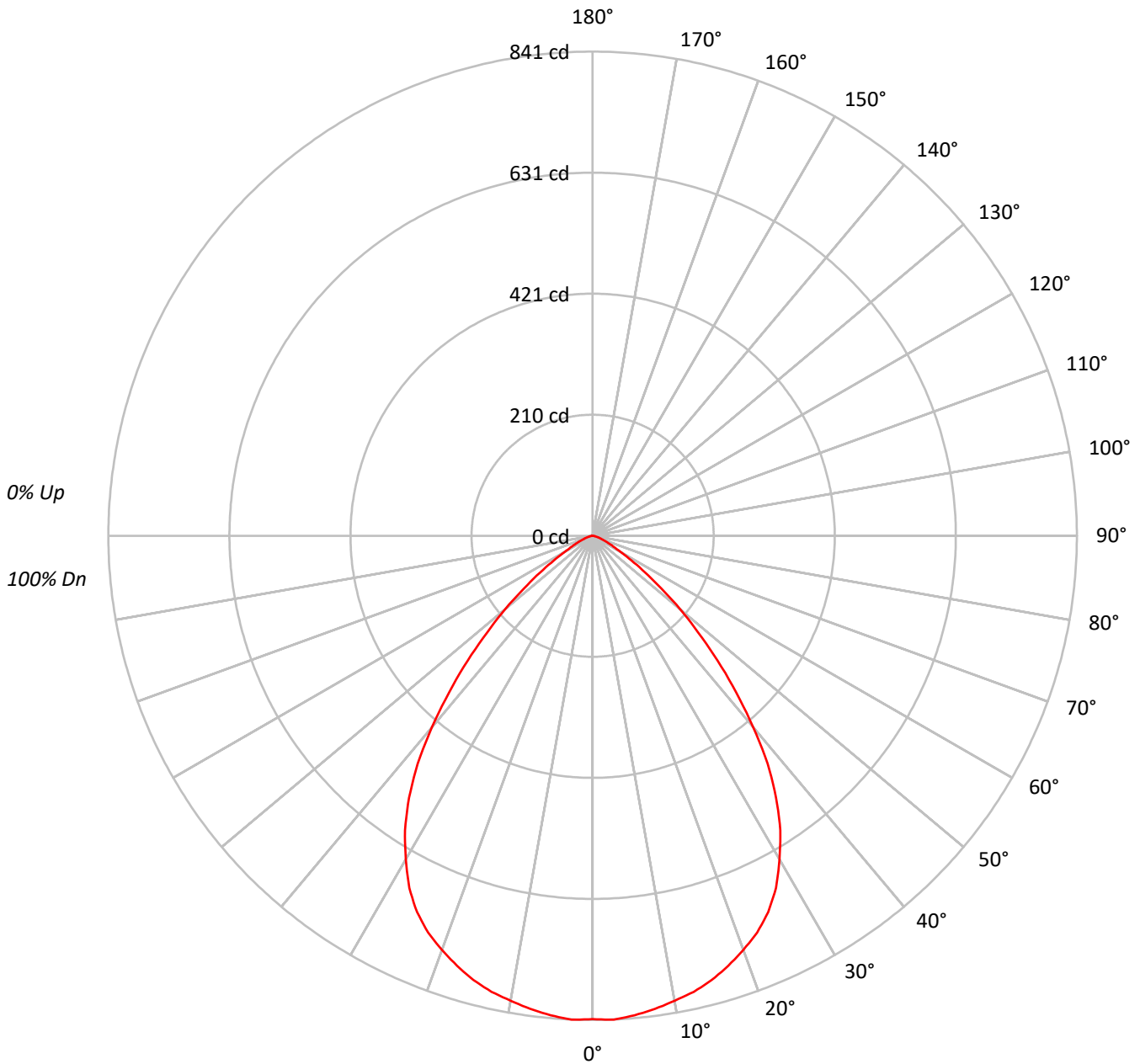
Lumens per Lamp: N/A  
Luminaire Lumens: 1361.3 lumens  
Efficiency: N/A  
Efficacy: 80.1 lumens/watt  
Spacing Criteria (0/90/45): 1.16 / 1.16 / 1.16  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

Input Watts (W): 17  
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			100
1	112	109	106	103	110	107	104	101	103	100	98	99	97	95	95	94	93	91			91
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81			81
3	98	90	84	79	96	89	83	78	86	81	77	83	79	76	81	78	75	73			73
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	65			65
5	86	75	68	63	84	74	68	63	72	66	62	71	65	61	69	64	61	59			59
6	80	69	62	57	78	68	61	56	67	61	56	65	60	56	64	59	55	53			53
7	75	64	56	51	73	63	56	51	62	55	51	60	55	51	59	54	50	49			49
8	70	59	52	47	69	58	51	47	57	51	46	56	50	46	55	50	46	44			44
9	66	55	48	43	65	54	47	43	53	47	43	52	47	42	51	46	42	41			41
10	62	51	44	40	61	50	44	39	50	43	39	49	43	39	48	43	39	38			38

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

	0°
0°	46022
5°	46010
10°	45652
15°	45346
20°	44658
25°	43636
30°	41089
35°	37182
40°	31044
45°	23785
50°	16852
55°	10628
60°	5997
65°	3891
70°	2549
75°	1864
80°	1137
85°	1132



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	79.3	5.8
10°-20°	225.0	16.5
20°-30°	329.9	24.2
30°-40°	343.3	25.2
40°-50°	237.5	17.4
50°-60°	103.5	7.6
60°-70°	31.7	2.3
70°-80°	9.5	0.7
80°-90°	1.5	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°	634.2	46.6
0°-40°	977.5	71.8
0°-60°	1318.5	96.9
0°-90°	1361.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1361.3	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	840	
5°	836	79
15°	799	225
25°	721	330
35°	556	343
45°	307	238
55°	111	103
65°	30	32
75°	9	10
85°	2	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	839.5
2.5°	841.3
5°	836.1
7.5°	829.0
10°	820.1
12.5°	811.3
15°	799.0
17.5°	783.1
20°	765.5
22.5°	746.1
25°	721.4
27.5°	689.7
30°	649.1
32.5°	606.7
35°	555.6
37.5°	499.2
40°	433.8
42.5°	368.6
45°	306.8
47.5°	248.6
50°	197.6
52.5°	150.0
55°	111.2
57.5°	79.4
60°	54.7
62.5°	40.6
65°	30.0
67.5°	23.0
70°	15.9
72.5°	12.4
75°	8.8
77.5°	5.3
80°	3.6
82.5°	1.8
85°	1.8
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG







— 0°-180°







(END OF REPORT)