

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: P844070

Luminaire Tested: **LD6C15DE010B40 EU6C15B40 6LBMGPH**

Issue Date: 5/7/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P844070  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P203577)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LD6C15DE010B40 EU6C15B40 6LBMGPH  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

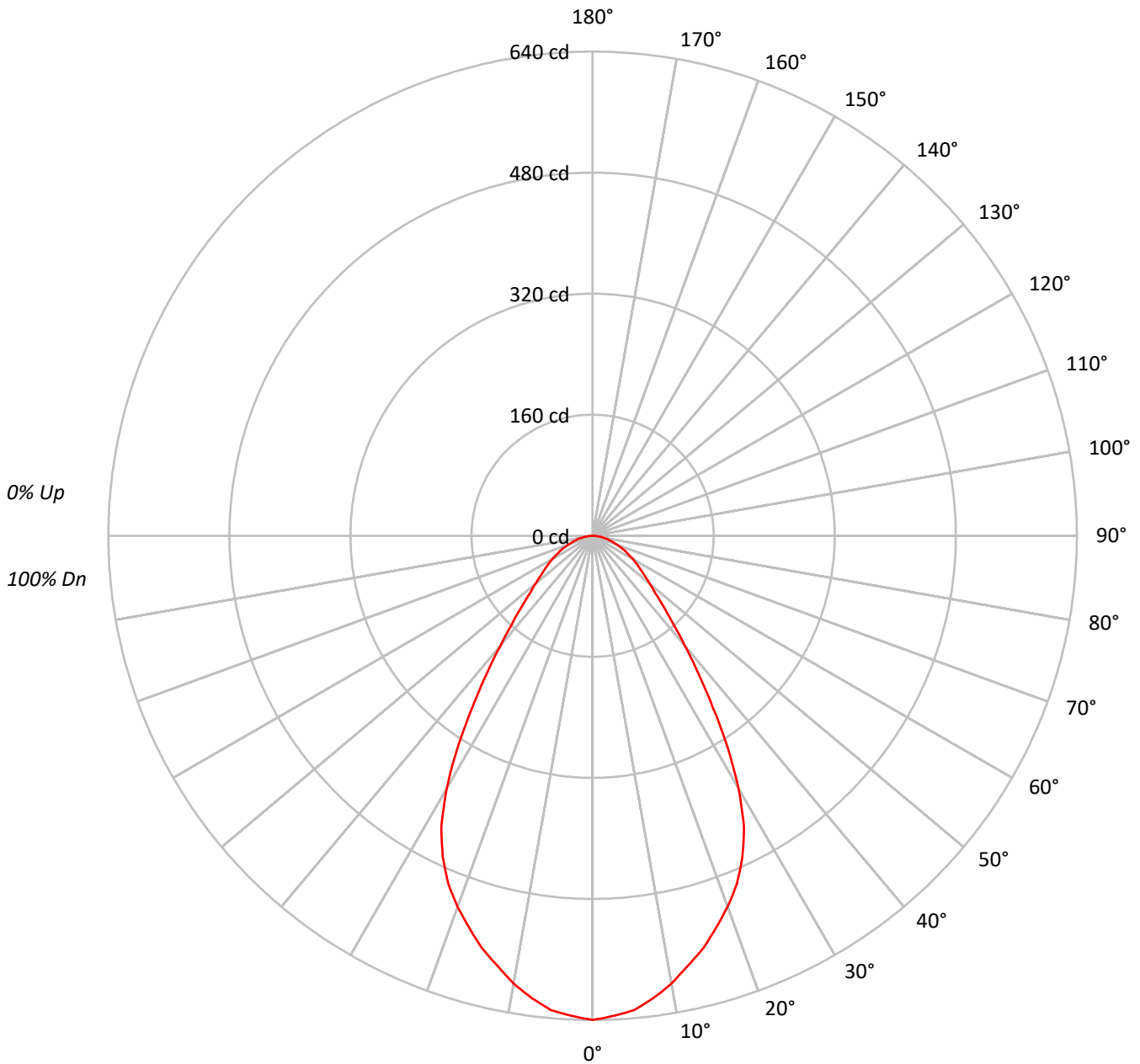
Lumens per Lamp: N/A  
Luminaire Lumens: 857.8 lumens  
Efficiency: N/A  
Efficacy: 50.5 lumens/watt  
Spacing Criteria (0/90/45): 1 / 1 / 0.97  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

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

TEST NUMBER: P844070

CATALOG NUMBER: LD6C15DE010B40 EU6C15B40 6LBMGPH

### Luminous Intensity Polar Plot





TEST NUMBER: P844070

CATALOG NUMBER: LD6C15DE010B40 EU6C15B40 6LBMGPH

**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	111	108	104	101	109	105	103	100	101	99	97	98	96	94	94	92	91	89			89
2	104	97	92	88	101	96	91	87	92	88	85	89	86	83	86	83	81	79			79
3	97	88	82	77	95	87	81	76	84	79	75	82	77	74	79	76	73	71			71
4	90	81	74	68	88	80	73	68	77	72	67	75	70	66	73	69	65	64			64
5	85	74	67	61	83	73	66	61	71	65	61	69	64	60	68	63	59	58			58
6	79	68	61	56	78	68	61	56	66	60	55	64	59	55	63	58	54	53			53
7	75	63	56	51	73	63	56	51	61	55	50	60	54	50	59	54	50	48			48
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	48	43	53	47	43	52	47	43	51	46	43	41			41
10	63	51	45	40	62	51	44	40	50	44	40	49	44	40	48	43	40	38			38

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

	0°
0°	35085
5°	34636
10°	33450
15°	32032
20°	30435
25°	28338
30°	24409
35°	18531
40°	13547
45°	10272
50°	8384
55°	7350
60°	6754
65°	6149
70°	5498
75°	5020
80°	4483
85°	3711



TEST NUMBER: P844070

CATALOG NUMBER: LD6C15DE010B40 EU6C15B40 6LBMGPH

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	59.1	6.9
10°-20°	158.4	18.5
20°-30°	212.6	24.8
30°-40°	174.4	20.3
40°-50°	104.8	12.2
50°-60°	69.6	8.1
60°-70°	46.7	5.4
70°-80°	25.1	2.9
80°-90°	7.1	0.8
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°	430.1	50.1
0°-40°	604.5	70.5
0°-60°	778.9	90.8
0°-90°	857.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	857.8	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	640	
5°	629	59
15°	564	158
25°	468	213
35°	277	174
45°	132	105
55°	77	70
65°	47	47
75°	24	25
85°	6	7
90°	0	



TEST NUMBER: P844070

CATALOG NUMBER: LD6C15DE010B40 EU6C15B40 6LBMGPH

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	640.0
2.5°	635.3
5°	629.4
7.5°	616.4
10°	600.9
12.5°	582.0
15°	564.4
17.5°	543.0
20°	521.7
22.5°	498.0
25°	468.5
27.5°	433.0
30°	385.6
32.5°	332.4
35°	276.9
37.5°	229.5
40°	189.3
42.5°	157.4
45°	132.5
47.5°	112.4
50°	98.3
52.5°	86.4
55°	76.9
57.5°	68.6
60°	61.6
62.5°	53.2
65°	47.4
67.5°	40.2
70°	34.3
72.5°	28.3
75°	23.7
77.5°	18.9
80°	14.2
82.5°	10.7
85°	5.9
87.5°	2.3
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG







— 0°-180°







(END OF REPORT)