

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: P844028

Luminaire Tested: **LD6C15DE010B2750 EU6C15B27 6LBWLI**

Issue Date: 2/17/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P844028  
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: LD6C15DE010B2750 EU6C15B27 6LBWLI  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

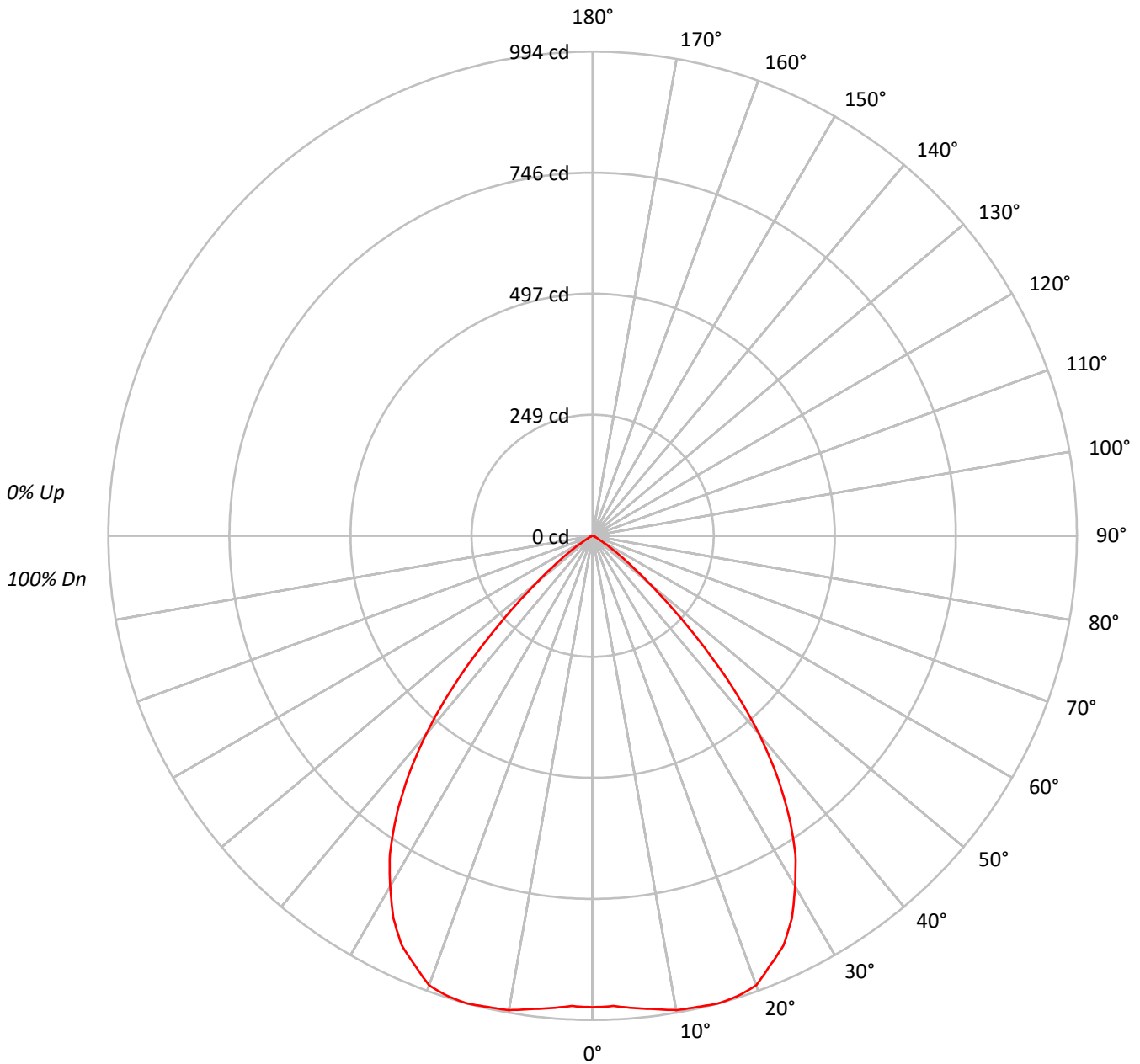
Lumens per Lamp: N/A  
Luminaire Lumens: 1549.5 lumens  
Efficiency: N/A  
Efficacy: 91.1 lumens/watt  
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.18  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

Input Watts (W): 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: P844028

CATALOG NUMBER: LD6C15DE010B2750 EU6C15B27 6LBWLI

### Luminous Intensity Polar Plot





TEST NUMBER: P844028

CATALOG NUMBER: LD6C15DE010B2750 EU6C15B27 6LBWLI

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

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

	0°
0°	53060
5°	53555
10°	55054
15°	56431
20°	57288
25°	56102
30°	52603
35°	47027
40°	38093
45°	25196
50°	12733
55°	5381
60°	1732
65°	687
70°	561
75°	381
80°	0
85°	0



TEST NUMBER: P844028

CATALOG NUMBER: LD6C15DE010B2750 EU6C15B27 6LBWLI

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	93.4	6.0
10°-20°	280.7	18.1
20°-30°	423.1	27.3
30°-40°	433.1	27.9
40°-50°	252.3	16.3
50°-60°	58.0	3.7
60°-70°	7.1	0.5
70°-80°	1.9	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°	797.2	51.4
0°-40°	1230.2	79.4
0°-60°	1540.5	99.4
0°-90°	1549.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1549.5	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	968	
5°	973	93
15°	994	281
25°	928	423
35°	703	433
45°	325	252
55°	56	58
65°	5	7
75°	2	2
85°	0	0
90°	0	



TEST NUMBER: P844028

CATALOG NUMBER: LD6C15DE010B2750 EU6C15B27 6LBWLI

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	967.9
2.5°	966.3
5°	973.2
7.5°	980.2
10°	989.0
12.5°	990.8
15°	994.3
17.5°	990.8
20°	982.0
22.5°	953.9
25°	927.5
27.5°	885.5
30°	831.0
32.5°	774.7
35°	702.7
37.5°	621.9
40°	532.3
42.5°	432.1
45°	325.0
47.5°	226.5
50°	149.3
52.5°	94.9
55°	56.3
57.5°	29.9
60°	15.8
62.5°	8.8
65°	5.3
67.5°	5.3
70°	3.5
72.5°	1.8
75°	1.8
77.5°	1.8
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG







— 0°-180°







(END OF REPORT)