

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: P844035

Luminaire Tested: **LD6C15DE010B2750 EU6C15B30 6LBMB**

Issue Date: 5/7/2024

Test Information

Test Method: LM-79-08
Report Number: P844035
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: LD6C15DE010B2750 EU6C15B30 6LBMB
Description:
Light Source: -
Ballast/Driver:

Summary

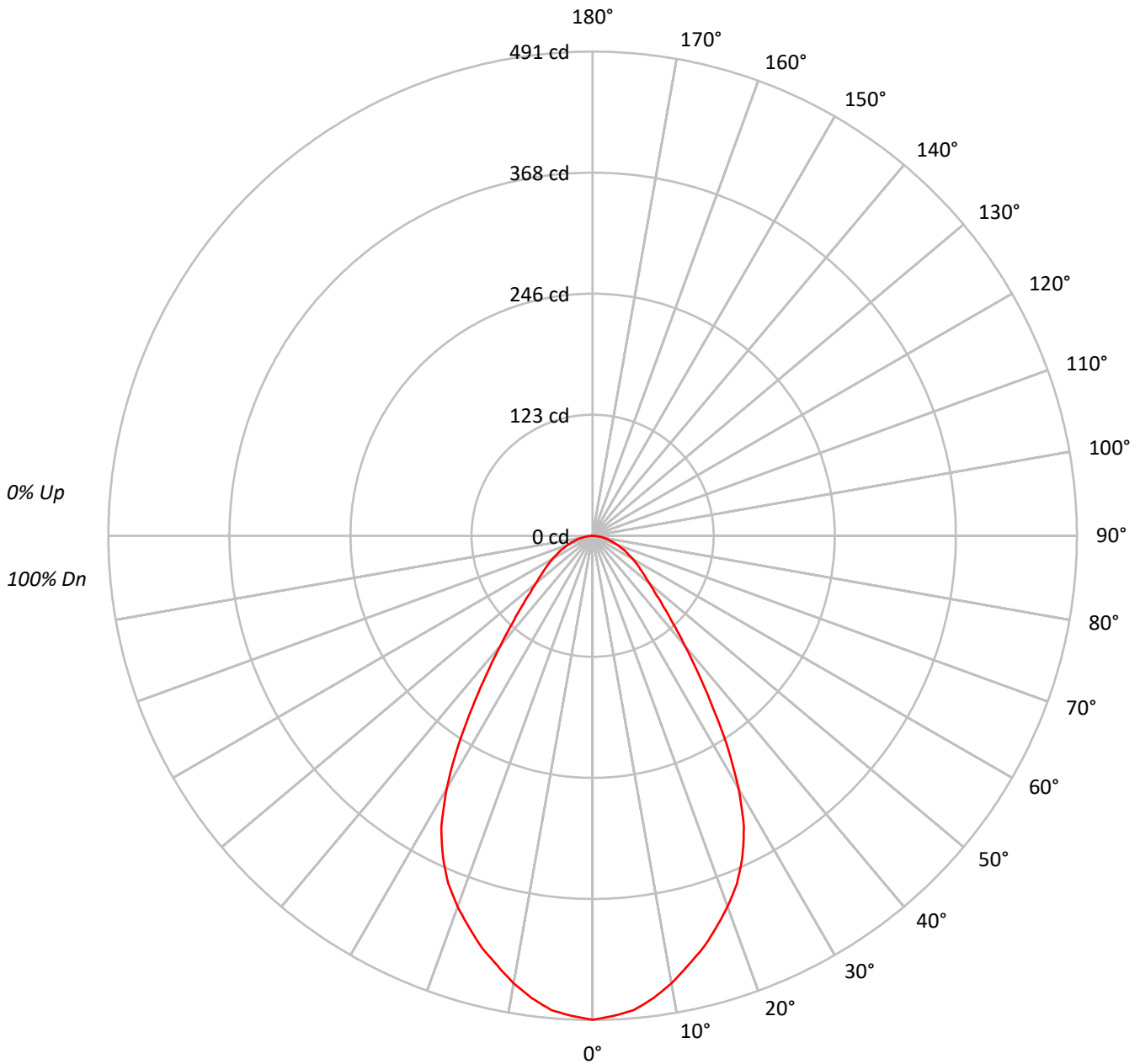
Lumens per Lamp: N/A
Luminaire Lumens: 657.9 lumens
Efficiency: N/A
Efficacy: 38.7 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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

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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	111	108	104	101	109	105	103	100	101	99	97	98	96	94	94	92	91	89			
2	104	97	92	88	101	96	91	87	92	88	85	89	86	83	86	83	81	79			
3	97	88	82	77	95	87	81	76	84	79	75	82	77	74	79	76	73	71			
4	90	81	74	68	88	80	73	68	77	72	67	75	70	66	73	69	65	64			
5	85	74	67	61	83	73	66	61	71	65	61	69	64	60	68	63	59	58			
6	79	68	61	56	78	68	61	56	66	60	55	64	59	55	63	58	54	53			
7	75	63	56	51	73	63	56	51	61	55	50	60	54	50	59	54	50	48			
8	70	59	52	47	69	58	51	47	57	51	46	56	50	46	55	50	46	44			
9	66	55	48	43	65	54	48	43	53	47	43	52	47	43	51	46	43	41			
10	63	51	45	40	62	51	44	40	50	44	40	49	44	40	48	43	40	38			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	26906
5°	26563
10°	25656
15°	24563
20°	23341
25°	21733
30°	18724
35°	14214
40°	10391
45°	7877
50°	6422
55°	5639
60°	5175
65°	4709
70°	4215
75°	3855
80°	3441
85°	2830



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.3	6.9
10°-20°	121.5	18.5
20°-30°	163.1	24.8
30°-40°	133.8	20.3
40°-50°	80.3	12.2
50°-60°	53.4	8.1
60°-70°	35.8	5.4
70°-80°	19.3	2.9
80°-90°	5.4	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°	329.9	50.1
0°-40°	463.7	70.5
0°-60°	597.4	90.8
0°-90°	657.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	657.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	491	
5°	483	45
15°	433	121
25°	359	163
35°	212	134
45°	102	80
55°	59	53
65°	36	36
75°	18	19
85°	4	5
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	490.8
2.5°	487.3
5°	482.7
7.5°	472.8
10°	460.9
12.5°	446.4
15°	432.8
17.5°	416.5
20°	400.1
22.5°	382.0
25°	359.3
27.5°	332.1
30°	295.8
32.5°	255.0
35°	212.4
37.5°	176.0
40°	145.2
42.5°	120.7
45°	101.6
47.5°	86.2
50°	75.3
52.5°	66.2
55°	59.0
57.5°	52.7
60°	47.2
62.5°	40.8
65°	36.3
67.5°	30.9
70°	26.3
72.5°	21.8
75°	18.2
77.5°	14.5
80°	10.9
82.5°	8.1
85°	4.5
87.5°	1.8
90°	0.0



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— 0°-180°







(END OF REPORT)