

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: P858915

Luminaire Tested: **LX4C05D010 EX4C059850 4LBNLI**

Issue Date: 1/21/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P858915  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P208279)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LX4C05D010 EX4C059850 4LBNLI  
Description:  
Light Source: -  
Ballast/Driver: -

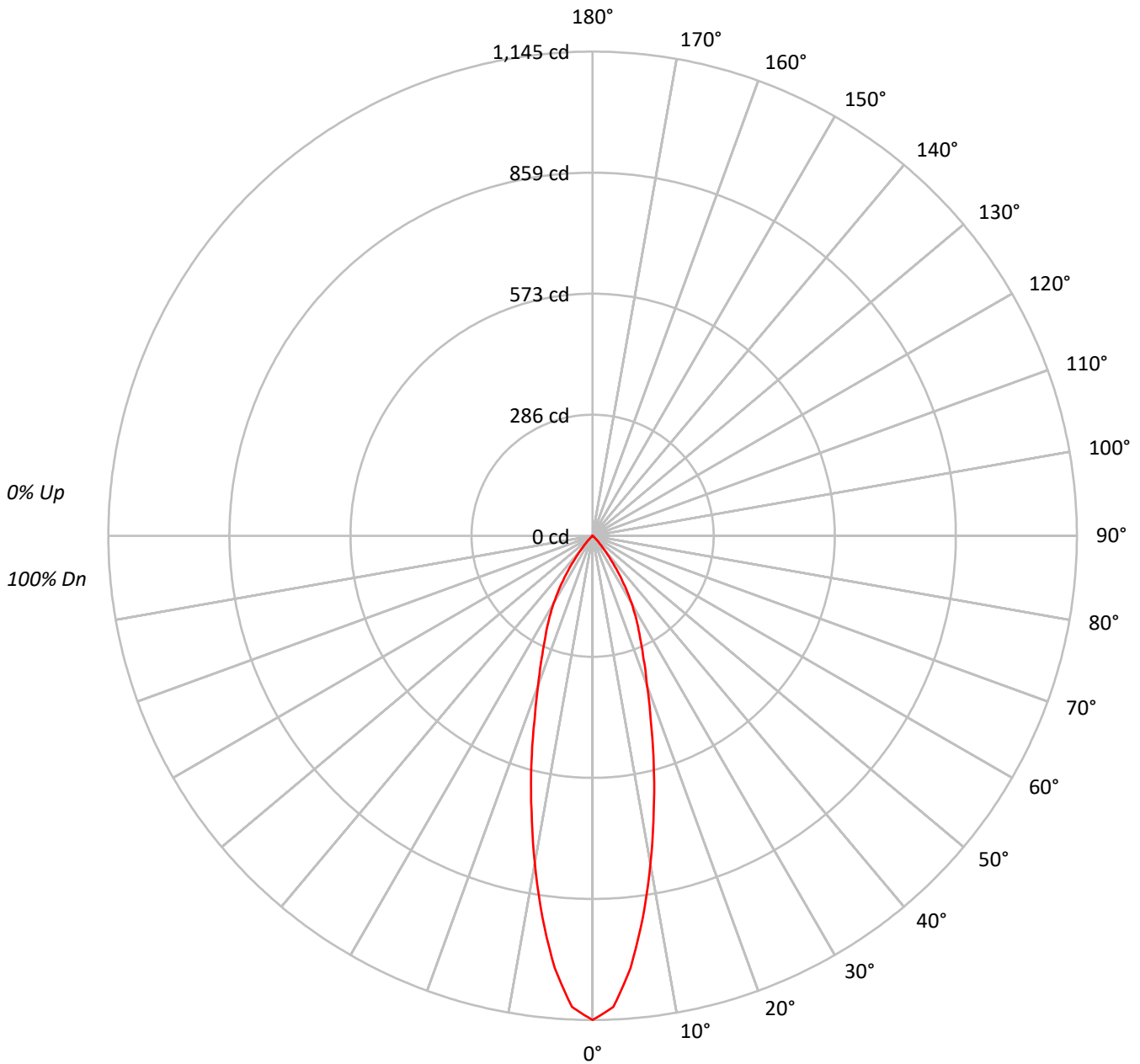
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 444.9 lumens  
Efficiency: N/A  
Efficacy: 61.8 lumens/watt  
Spacing Criteria (0/90/45): 0.48 / 0.48 / 0.54  
Luminous Opening: Circular (Dia: 0.33' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 7.2  
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: P858915

CATALOG NUMBER: LX4C05D010 EX4C059850 4LBNLI

### Luminous Intensity Polar Plot





TEST NUMBER: P858915

CATALOG NUMBER: LX4C05D010 EX4C059850 4LBNLI

**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	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95			
2	109	105	102	99	107	103	100	98	100	98	95	97	95	93	95	93	92	90			
3	105	99	95	92	103	98	94	91	95	92	89	93	90	88	91	89	87	85			
4	101	94	89	86	99	93	88	85	91	87	84	89	86	83	87	84	82	81			
5	96	89	84	80	95	88	84	80	87	82	79	85	81	79	83	80	78	77			
6	92	85	80	76	91	84	79	76	83	78	75	81	78	75	80	77	74	73			
7	89	81	76	72	88	80	75	72	79	75	71	78	74	71	77	73	71	69			
8	85	77	72	68	84	77	72	68	76	71	68	75	71	68	74	70	67	66			
9	82	74	69	65	81	73	68	65	72	68	65	72	68	65	71	67	64	63			
10	79	71	66	62	78	70	65	62	69	65	62	69	65	62	68	64	62	61			

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

	0°
0°	140680
5°	126603
10°	98140
15°	71034
20°	49184
25°	35854
30°	26059
35°	15418
40°	6479
45°	2015
50°	248
55°	150
60°	172
65°	203
70°	0
75°	0
80°	0
85°	0



TEST NUMBER: P858915

CATALOG NUMBER: LX4C05D010 EX4C059850 4LBNLI

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	90.2	20.3
10°-20°	154.5	34.7
20°-30°	122.8	27.6
30°-40°	65.0	14.6
40°-50°	11.2	2.5
50°-60°	0.8	0.2
60°-70°	0.4	0.1
70°-80°	0.0	0.0
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°	367.5	82.6
0°-40°	432.5	97.2
0°-60°	444.5	99.9
0°-90°	444.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	444.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1145	
5°	1027	90
15°	558	154
25°	264	123
35°	103	65
45°	12	11
55°	1	1
65°	1	0
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P858915

CATALOG NUMBER: LX4C05D010 EX4C059850 4LBNLI

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1145.1
2.5°	1115.7
5°	1026.6
7.5°	910.1
10°	786.7
12.5°	667.5
15°	558.5
17.5°	457.1
20°	376.2
22.5°	314.5
25°	264.5
27.5°	224.1
30°	183.7
32.5°	142.5
35°	102.8
37.5°	67.9
40°	40.4
42.5°	23.3
45°	11.6
47.5°	4.1
50°	1.3
52.5°	1.3
55°	0.7
57.5°	0.7
60°	0.7
62.5°	0.7
65°	0.7
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
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)