

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: P858861

Luminaire Tested: **LX4C05D010 EX4C059827 4LBMLI**

Issue Date: 1/26/2022



Test Information

Test Method: LM-79-08
Report Number: P858861
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P208279)
Test Lab: INNOVATION CENTER
Issue Date: 1/26/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C05D010 EX4C059827 4LBMLI
Description:
Light Source: -
Ballast/Driver: -

Summary

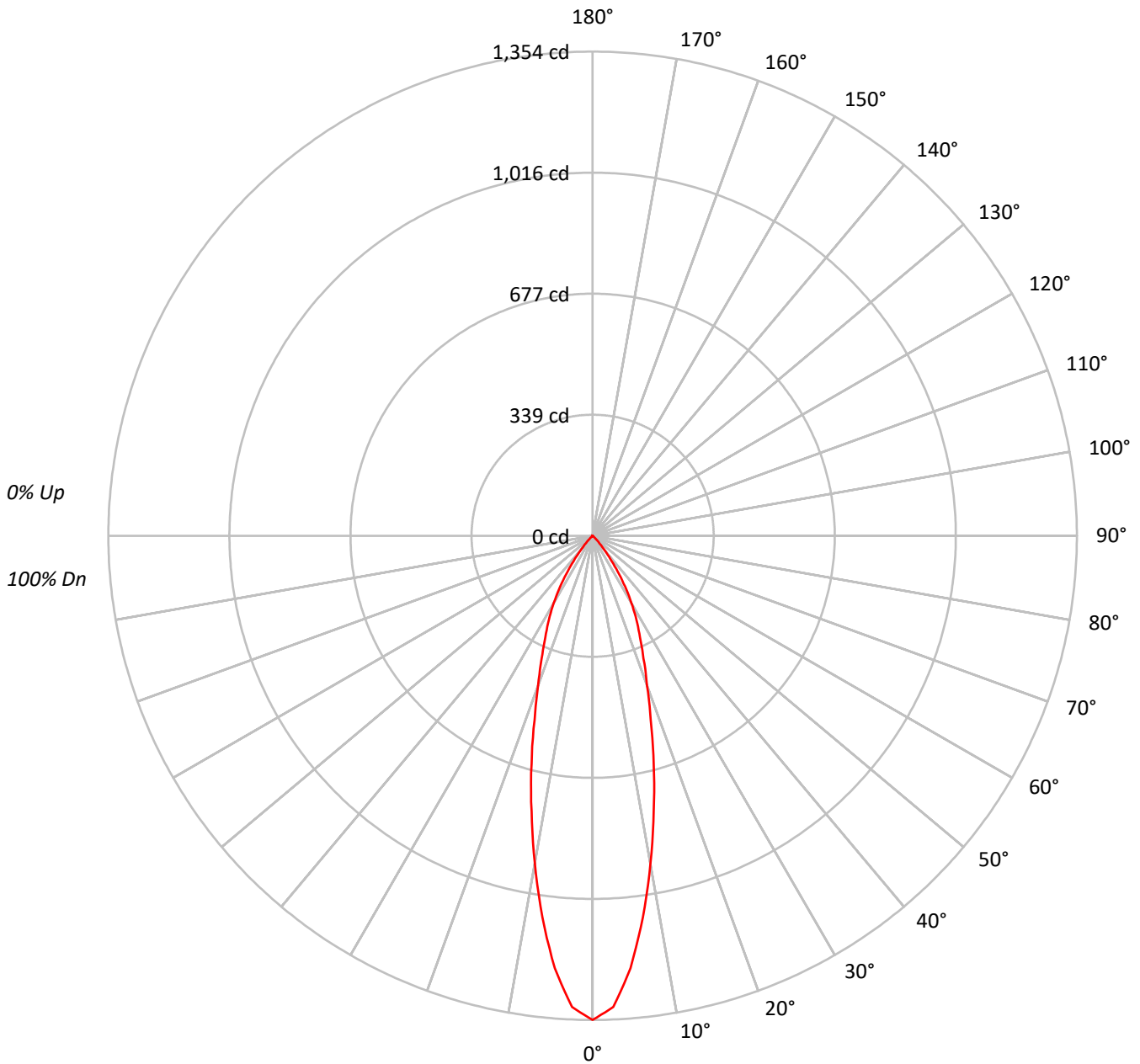
Lumens per Lamp: N/A
Luminaire Lumens: 526.1 lumens
Efficiency: N/A
Efficacy: 73.1 lumens/watt
Spacing Criteria (0/90/45): 0.48 / 0.48 / 0.54
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
Input Voltage (V):
Input Current (A_{in}): 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: P858861

CATALOG NUMBER: LX4C05D010 EX4C059827 4LBMLI

Luminous Intensity Polar Plot





TEST NUMBER: P858861

CATALOG NUMBER: LX4C05D010 EX4C059827 4LBMLI

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20									20									20									20									
RC	80									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°	166331
5°	149677
10°	116041
15°	83982
20°	58152
25°	42388
30°	30798
35°	18222
40°	7666
45°	2380
50°	306
55°	171
60°	197
65°	233
70°	0
75°	0
80°	0
85°	0



TEST NUMBER: P858861

CATALOG NUMBER: LX4C05D010 EX4C059827 4LBMLI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	106.7	20.3
10°-20°	182.7	34.7
20°-30°	145.2	27.6
30°-40°	76.8	14.6
40°-50°	13.2	2.5
50°-60°	1.0	0.2
60°-70°	0.5	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°	434.5	82.6
0°-40°	511.4	97.2
0°-60°	525.6	99.9
0°-90°	526.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	526.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1354	
5°	1214	107
15°	660	183
25°	313	145
35°	122	77
45°	14	13
55°	1	1
65°	1	0
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P858861

CATALOG NUMBER: LX4C05D010 EX4C059827 4LBMLI

CANDELA DISTRIBUTION (FULL):

	0°
0°	1353.9
2.5°	1319.1
5°	1213.7
7.5°	1076.1
10°	930.2
12.5°	789.2
15°	660.3
17.5°	540.4
20°	444.8
22.5°	371.9
25°	312.7
27.5°	264.9
30°	217.1
32.5°	168.5
35°	121.5
37.5°	80.3
40°	47.8
42.5°	27.6
45°	13.7
47.5°	4.9
50°	1.6
52.5°	1.6
55°	0.8
57.5°	0.8
60°	0.8
62.5°	0.8
65°	0.8
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)