

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: P857079

Luminaire Tested: **LX4C15D010 EX4C159850 4LBSH**

Issue Date: 2/14/2022



Test Information

Test Method: LM-79-08
Report Number: P857079
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P205729)
Test Lab: INNOVATION CENTER
Issue Date: 2/14/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C15D010 EX4C159850 4LBSH
Description:
Light Source: -
Ballast/Driver: -

Summary

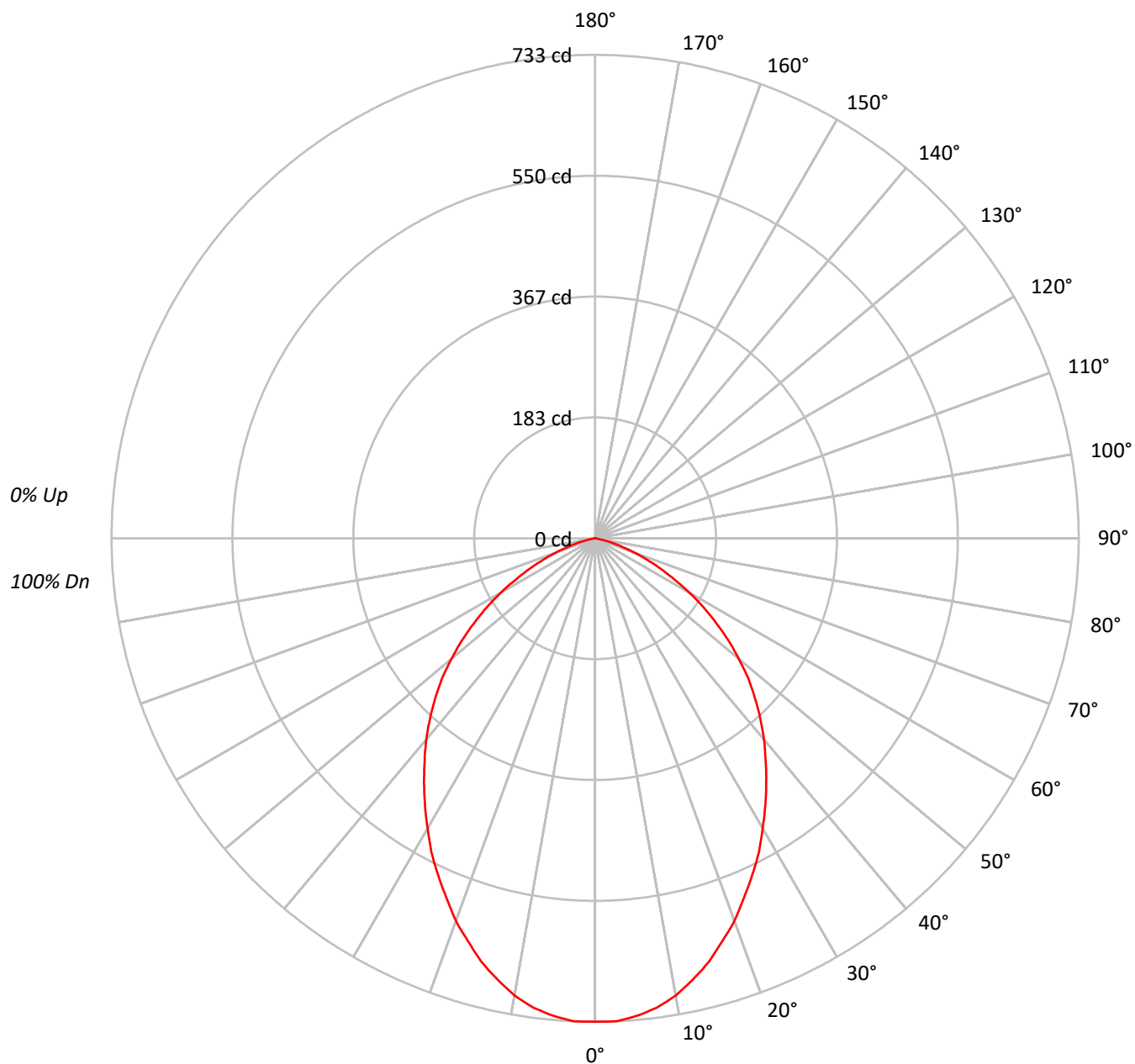
Lumens per Lamp: N/A
Luminaire Lumens: 1401.8 lumens
Efficiency: N/A
Efficacy: 88.7 lumens/watt
Spacing Criteria (0/90/45): 1.06 / 1.06 / 1.17
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 15.8
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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	111	107	104	101	108	105	102	99	101	98	96	97	95	93	93	92	90	88		
2	102	96	90	85	100	94	88	84	90	86	82	87	83	80	84	81	79	77		
3	95	85	78	73	92	84	77	72	81	75	71	78	74	70	76	72	69	67		
4	87	77	69	63	85	75	68	63	73	67	62	71	65	61	69	64	60	58		
5	81	69	61	55	79	68	61	55	66	60	55	64	59	54	63	58	53	51		
6	75	63	55	49	73	62	54	49	60	54	49	59	53	48	57	52	48	46		
7	70	58	50	44	68	57	49	44	55	49	44	54	48	43	53	47	43	41		
8	65	53	45	40	64	52	45	40	51	44	39	50	44	39	49	43	39	37		
9	61	49	41	36	60	48	41	36	47	40	36	46	40	36	45	40	35	34		
10	58	45	38	33	56	45	38	33	44	37	33	43	37	33	42	37	33	31		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	90064
5°	89643
10°	87811
15°	84605
20°	80718
25°	76357
30°	72036
35°	67819
40°	63861
45°	59524
50°	54280
55°	47935
60°	40591
65°	31860
70°	22737
75°	12436
80°	2193
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.7	4.9
10°-20°	186.6	13.3
20°-30°	259.2	18.5
30°-40°	282.9	20.2
40°-50°	263.9	18.8
50°-60°	200.3	14.3
60°-70°	109.7	7.8
70°-80°	30.2	2.2
80°-90°	0.4	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°	514.5	36.7
0°-40°	797.4	56.9
0°-60°	1261.6	90.0
0°-90°	1401.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1401.8	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	733	
5°	727	69
15°	665	187
25°	563	259
35°	452	283
45°	343	264
55°	224	200
65°	110	110
75°	26	30
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	733.1
2.5°	733.1
5°	726.9
7.5°	717.8
10°	703.9
12.5°	685.3
15°	665.2
17.5°	640.5
20°	617.4
22.5°	589.6
25°	563.3
27.5°	537.2
30°	507.8
32.5°	480.0
35°	452.2
37.5°	424.5
40°	398.2
42.5°	370.4
45°	342.6
47.5°	314.9
50°	284.0
52.5°	254.7
55°	223.8
57.5°	194.5
60°	165.2
62.5°	135.8
65°	109.6
67.5°	84.9
70°	63.3
72.5°	43.2
75°	26.2
77.5°	12.3
80°	3.1
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)