

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: P857864

Luminaire Tested: **LX4C35D010 EX4C359840 4LBSLI**

Issue Date: 2/9/2022



Test Information

Test Method: LM-79-08
Report Number: P857864
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P208407)
Test Lab: INNOVATION CENTER
Issue Date: 2/9/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C35D010 EX4C359840 4LBSLI
Description:
Light Source: -
Ballast/Driver: -

Summary

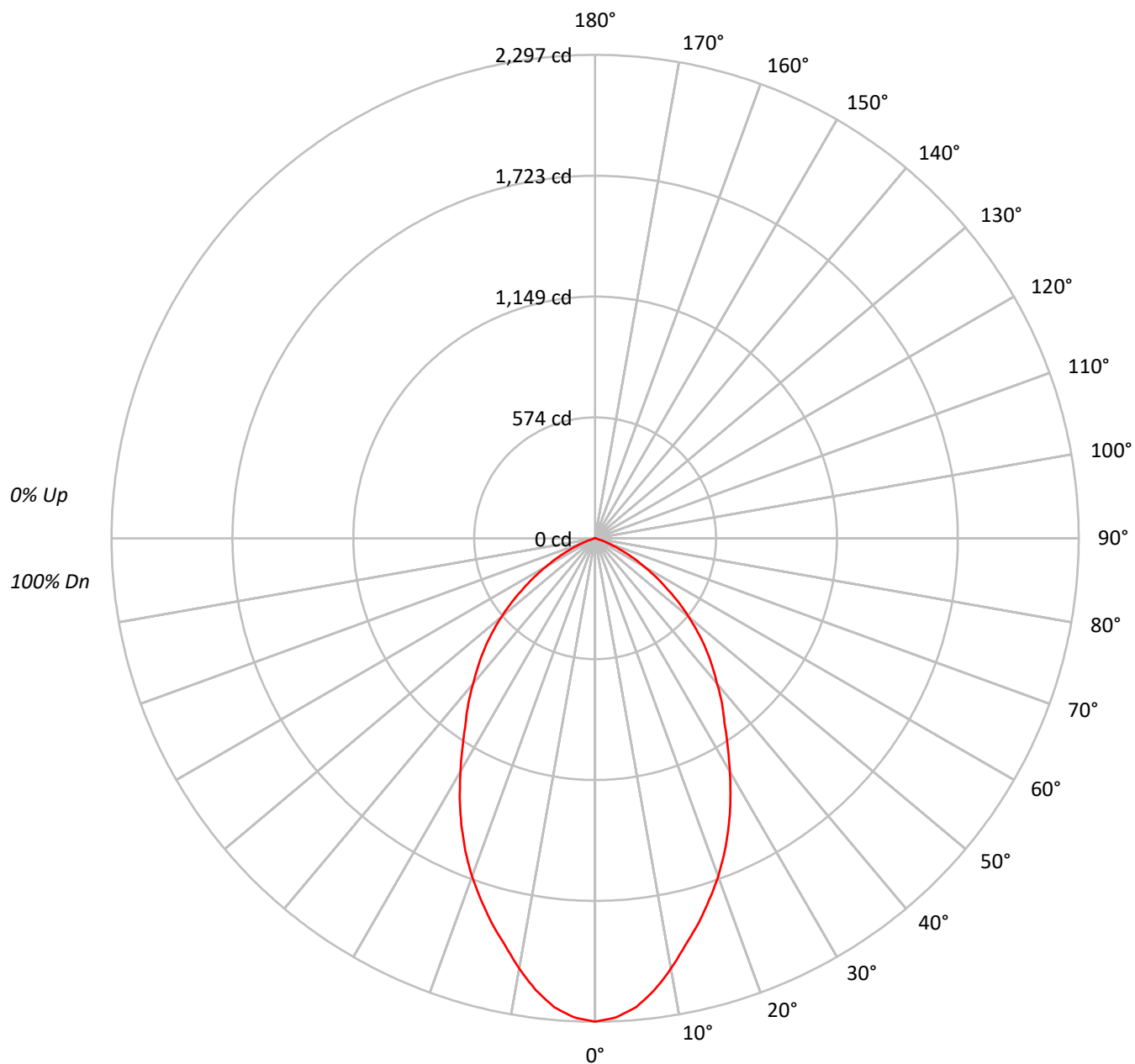
Lumens per Lamp: N/A
Luminaire Lumens: 3216.5 lumens
Efficiency: N/A
Efficacy: 79.6 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 1
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 40.4
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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	108	105	102	109	106	103	101	102	100	98		98	96	95		95
2	104	98	93	88	102	96	91	87	93	89	85		90	86	84		87
3	97	89	82	77	95	87	81	77	84	79	75		82	78	74		79
4	90	81	73	68	88	79	73	68	77	71	67		75	70	66		73
5	84	73	66	61	82	72	65	60	70	64	60		69	63	59		67
6	79	67	60	54	77	66	59	54	65	58	54		63	58	53		62
7	74	62	54	49	72	61	54	49	60	53	49		58	53	48		57
8	69	57	50	45	68	57	50	45	55	49	45		54	49	44		53
9	65	53	46	41	64	53	46	41	52	45	41		51	45	41		50
10	61	50	43	38	60	49	42	38	48	42	38		47	42	38		46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	282158
5°	275762
10°	258966
15°	240931
20°	223457
25°	203697
30°	181338
35°	160745
40°	144465
45°	129298
50°	110910
55°	89231
60°	66488
65°	42442
70°	20474
75°	3370
80°	2547
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	208.3	6.5
10°-20°	531.1	16.5
20°-30°	688.2	21.4
30°-40°	674.3	21.0
40°-50°	571.6	17.8
50°-60°	374.7	11.6
60°-70°	150.6	4.7
70°-80°	17.2	0.5
80°-90°	0.5	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°	1427.6	44.4
0°-40°	2101.9	65.3
0°-60°	3048.2	94.8
0°-90°	3216.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3216.5	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2297	
5°	2236	208
15°	1894	531
25°	1503	688
35°	1072	674
45°	744	572
55°	417	375
65°	146	151
75°	7	17
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	2296.7
2.5°	2278.8
5°	2236.1
7.5°	2164.9
10°	2075.9
12.5°	1979.8
15°	1894.3
17.5°	1801.8
20°	1709.2
22.5°	1609.5
25°	1502.7
27.5°	1392.3
30°	1278.3
32.5°	1171.5
35°	1071.8
37.5°	989.9
40°	900.8
42.5°	822.5
45°	744.2
47.5°	662.3
50°	580.3
52.5°	498.6
55°	416.6
57.5°	341.8
60°	270.6
62.5°	206.5
65°	146.0
67.5°	96.1
70°	57.0
72.5°	24.9
75°	7.1
77.5°	3.6
80°	3.6
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)