

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: P859779

Luminaire Tested: **LX4C08D010 EX4C089840 4LBMH**

Issue Date: 2/8/2022



Test Information

Test Method: LM-79-08
Report Number: P859779
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P206636)
Test Lab: INNOVATION CENTER
Issue Date: 2/8/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C08D010 EX4C089840 4LBMH
Description:
Light Source: -
Ballast/Driver: -

Summary

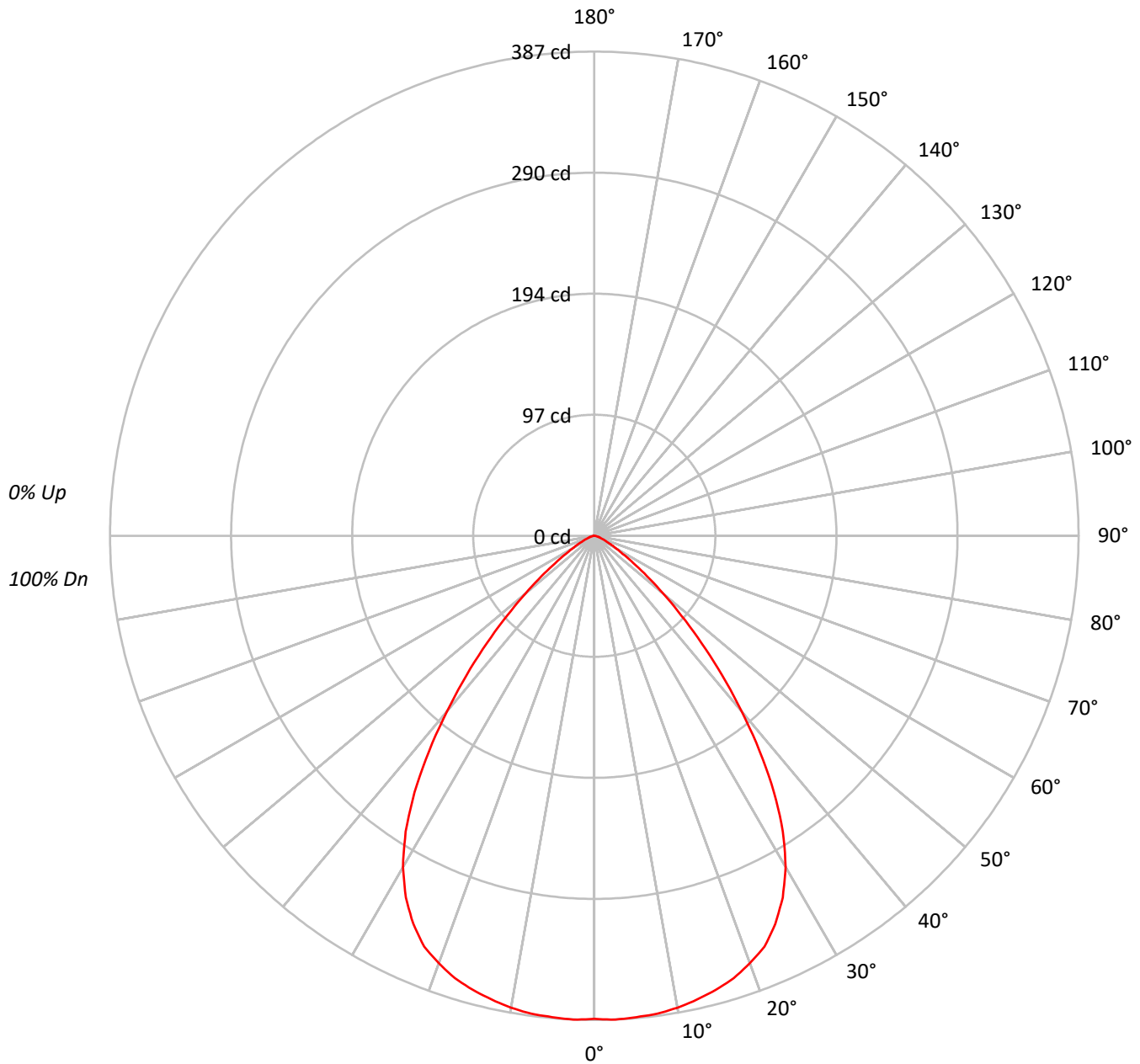
Lumens per Lamp: N/A
Luminaire Lumens: 599.2 lumens
Efficiency: N/A
Efficacy: 60.5 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.18 / 1.13
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 9.9
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	112	109	106	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91		
2	105	100	95	91	103	98	93	90	95	91	88	91	88	86	89	86	84	82		
3	99	91	85	80	97	90	84	80	87	82	78	84	80	77	82	79	76	74		
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67		
5	87	77	70	65	85	76	69	64	74	68	64	72	67	63	70	66	62	61		
6	81	71	64	58	80	70	63	58	68	62	58	67	61	57	65	61	57	55		
7	76	65	58	53	75	65	58	53	63	57	53	62	56	52	61	56	52	50		
8	72	60	53	49	70	60	53	49	59	53	48	58	52	48	57	52	48	46		
9	68	56	49	45	66	56	49	45	55	49	44	54	48	44	53	48	44	43		
10	64	52	46	41	63	52	46	41	51	45	41	50	45	41	49	44	41	39		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	47446
5°	47627
10°	47779
15°	47784
20°	47523
25°	46400
30°	43380
35°	37554
40°	29348
45°	21057
50°	13666
55°	8203
60°	4791
65°	3081
70°	2047
75°	1566
80°	1132
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.8	6.1
10°-20°	106.0	17.7
20°-30°	156.4	26.1
30°-40°	154.3	25.8
40°-50°	94.4	15.8
50°-60°	36.2	6.0
60°-70°	11.3	1.9
70°-80°	3.3	0.6
80°-90°	0.4	0.1
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°	299.2	49.9
0°-40°	453.5	75.7
0°-60°	584.2	97.5
0°-90°	599.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	599.2	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	386	
5°	386	37
15°	376	106
25°	342	156
35°	250	154
45°	121	94
55°	38	36
65°	11	11
75°	3	3
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	386.2
2.5°	387.1
5°	386.2
7.5°	385.4
10°	383.0
12.5°	379.7
15°	375.7
17.5°	370.8
20°	363.5
22.5°	355.4
25°	342.3
27.5°	326.0
30°	305.8
32.5°	280.5
35°	250.4
37.5°	217.1
40°	183.0
42.5°	151.2
45°	121.2
47.5°	94.3
50°	71.5
52.5°	52.9
55°	38.3
57.5°	26.8
60°	19.5
62.5°	14.6
65°	10.6
67.5°	8.1
70°	5.7
72.5°	4.1
75°	3.3
77.5°	1.6
80°	1.6
82.5°	0.8
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)