

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: P857230

Luminaire Tested: **LX4C20D010 EX4C209827 4LBMH**

Issue Date: 2/8/2022



Test Information

Test Method: LM-79-08
Report Number: P857230
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: LX4C20D010 EX4C209827 4LBMH
Description:
Light Source: -
Ballast/Driver: -

Summary

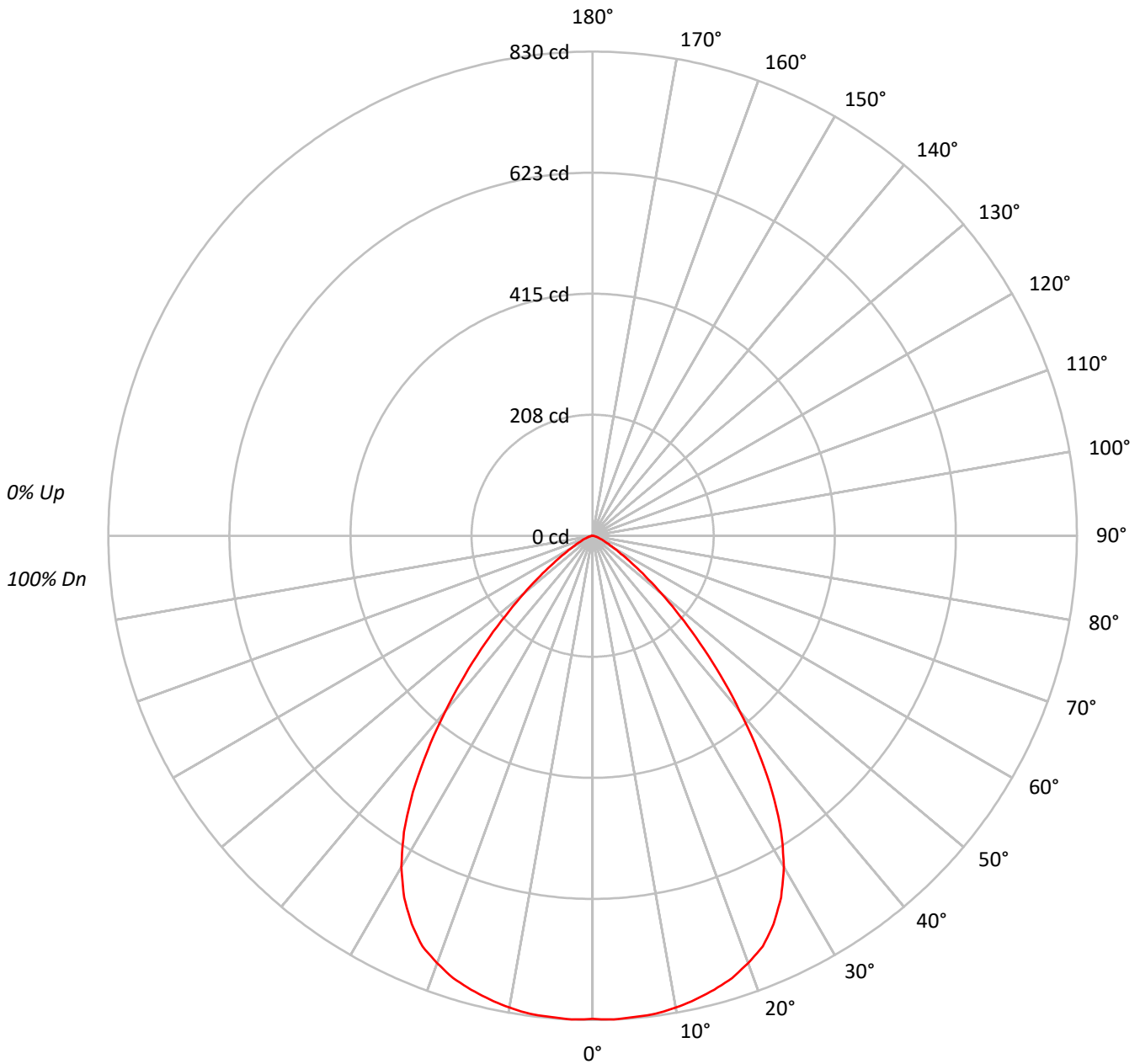
Lumens per Lamp: N/A
Luminaire Lumens: 1285.0 lumens
Efficiency: N/A
Efficacy: 58.9 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.18 / 1.13
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 21.8
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

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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			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			100
1	112	109	106	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91			91
2	105	100	95	91	103	98	93	90	95	91	88	91	88	86	89	86	84	82			82
3	99	91	85	80	97	90	84	80	87	82	78	84	80	77	82	79	76	74			74
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67			67
5	87	77	70	65	85	76	69	64	74	68	64	72	67	63	70	66	62	61			61
6	81	71	64	58	80	70	63	58	68	62	58	67	61	57	65	61	57	55			55
7	76	65	58	53	75	65	58	53	63	57	53	62	56	52	61	56	52	50			50
8	72	60	53	49	70	60	53	49	59	53	48	58	52	48	57	52	48	46			46
9	68	56	49	45	66	56	49	45	55	49	44	54	48	44	53	48	44	43			43
10	64	52	46	41	63	52	46	41	51	45	41	50	45	41	49	44	41	39			39

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	101747
5°	102136
10°	102456
15°	102462
20°	101897
25°	99510
30°	93003
35°	80537
40°	62915
45°	45155
50°	29338
55°	17563
60°	10271
65°	6599
70°	4382
75°	3323
80°	2476
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.9	6.1
10°-20°	227.3	17.7
20°-30°	335.4	26.1
30°-40°	331.0	25.8
40°-50°	202.5	15.8
50°-60°	77.6	6.0
60°-70°	24.3	1.9
70°-80°	7.1	0.6
80°-90°	1.0	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°	641.5	49.9
0°-40°	972.5	75.7
0°-60°	1252.7	97.5
0°-90°	1285.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1285.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	828	
5°	828	79
15°	806	227
25°	734	335
35°	537	331
45°	260	203
55°	82	78
65°	23	24
75°	7	7
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	828.2
2.5°	830.0
5°	828.2
7.5°	826.6
10°	821.3
12.5°	814.3
15°	805.6
17.5°	795.1
20°	779.4
22.5°	762.0
25°	734.1
27.5°	699.2
30°	655.6
32.5°	601.6
35°	537.0
37.5°	465.6
40°	392.3
42.5°	324.3
45°	259.9
47.5°	202.2
50°	153.5
52.5°	113.3
55°	82.0
57.5°	57.5
60°	41.8
62.5°	31.4
65°	22.7
67.5°	17.5
70°	12.2
72.5°	8.7
75°	7.0
77.5°	3.5
80°	3.5
82.5°	1.8
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)