

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: P858873

Luminaire Tested: **LX4C05D010 EX4C059830 4LBMH**

Issue Date: 2/8/2022



Test Information

Test Method: LM-79-08
Report Number: P858873
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: LX4C05D010 EX4C059830 4LBMH
Description:
Light Source: -
Ballast/Driver: -

Summary

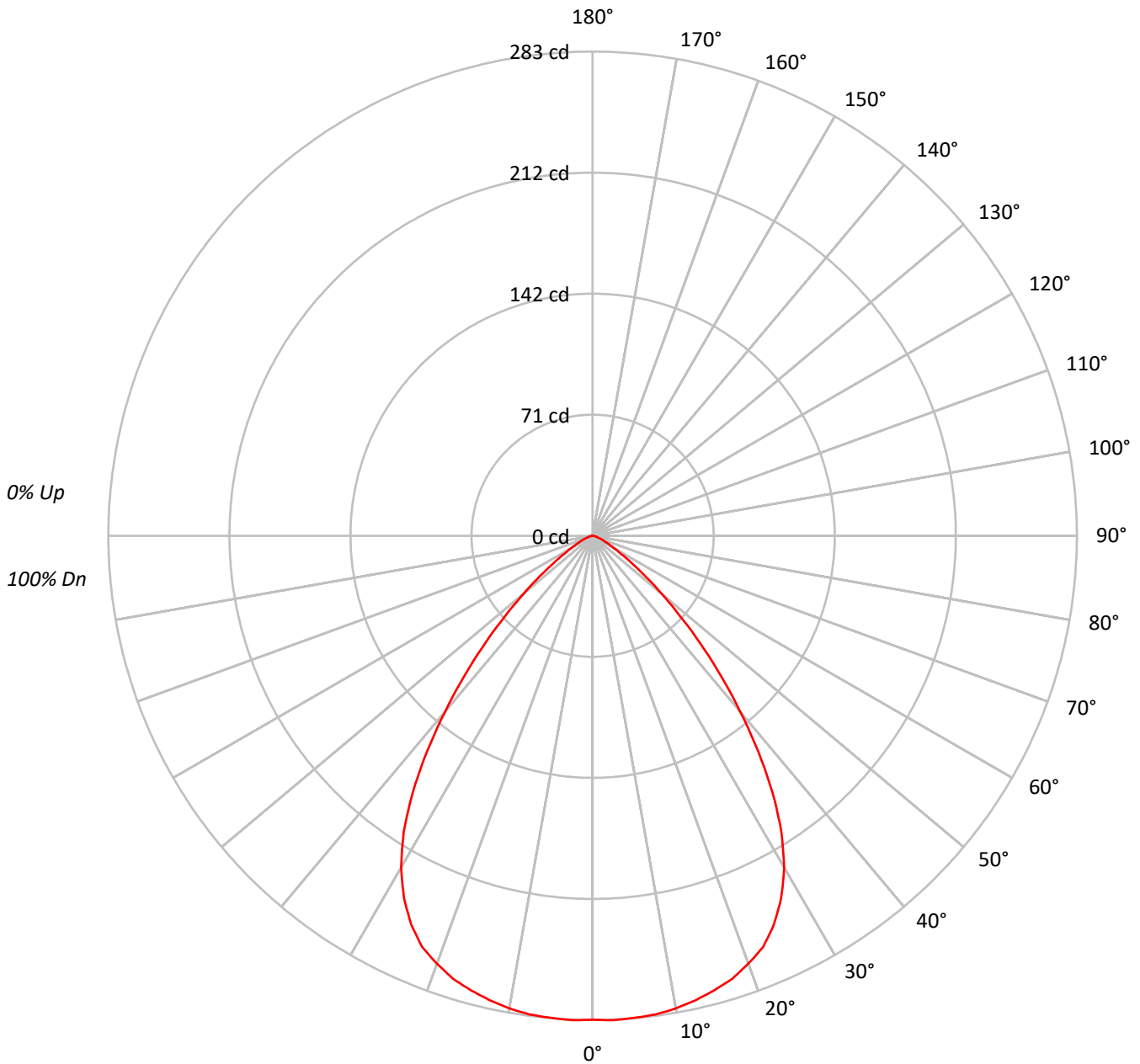
Lumens per Lamp: N/A
Luminaire Lumens: 438.7 lumens
Efficiency: N/A
Efficacy: 60.9 lumens/watt
Spacing Criteria (0/90/45): 1.17 / 1.17 / 1.13
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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

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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			
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°	34743
5°	34876
10°	34992
15°	34977
20°	34789
25°	33983
30°	31748
35°	27491
40°	21474
45°	15411
50°	9996
55°	5997
60°	3514
65°	2267
70°	1509
75°	1139
80°	849
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.9	6.1
10°-20°	77.6	17.7
20°-30°	114.5	26.1
30°-40°	113.0	25.8
40°-50°	69.1	15.8
50°-60°	26.5	6.0
60°-70°	8.3	1.9
70°-80°	2.4	0.6
80°-90°	0.3	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°	219.0	49.9
0°-40°	332.0	75.7
0°-60°	427.6	97.5
0°-90°	438.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	438.7	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	283	
5°	283	27
15°	275	78
25°	251	115
35°	183	113
45°	89	69
55°	28	26
65°	8	8
75°	2	2
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	282.8
2.5°	283.4
5°	282.8
7.5°	282.2
10°	280.5
12.5°	278.0
15°	275.0
17.5°	271.4
20°	266.1
22.5°	260.2
25°	250.7
27.5°	238.7
30°	223.8
32.5°	205.4
35°	183.3
37.5°	158.9
40°	133.9
42.5°	110.8
45°	88.7
47.5°	69.0
50°	52.3
52.5°	38.7
55°	28.0
57.5°	19.6
60°	14.3
62.5°	10.7
65°	7.8
67.5°	6.0
70°	4.2
72.5°	2.9
75°	2.4
77.5°	1.2
80°	1.2
82.5°	0.6
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)