

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: P857872

Luminaire Tested: **LX4C35D010 EX4C359850 4LBMH**

Issue Date: 2/8/2022



Test Information

Test Method: LM-79-08
Report Number: P857872
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: LX4C35D010 EX4C359850 4LBMH
Description:
Light Source: -
Ballast/Driver: -

Summary

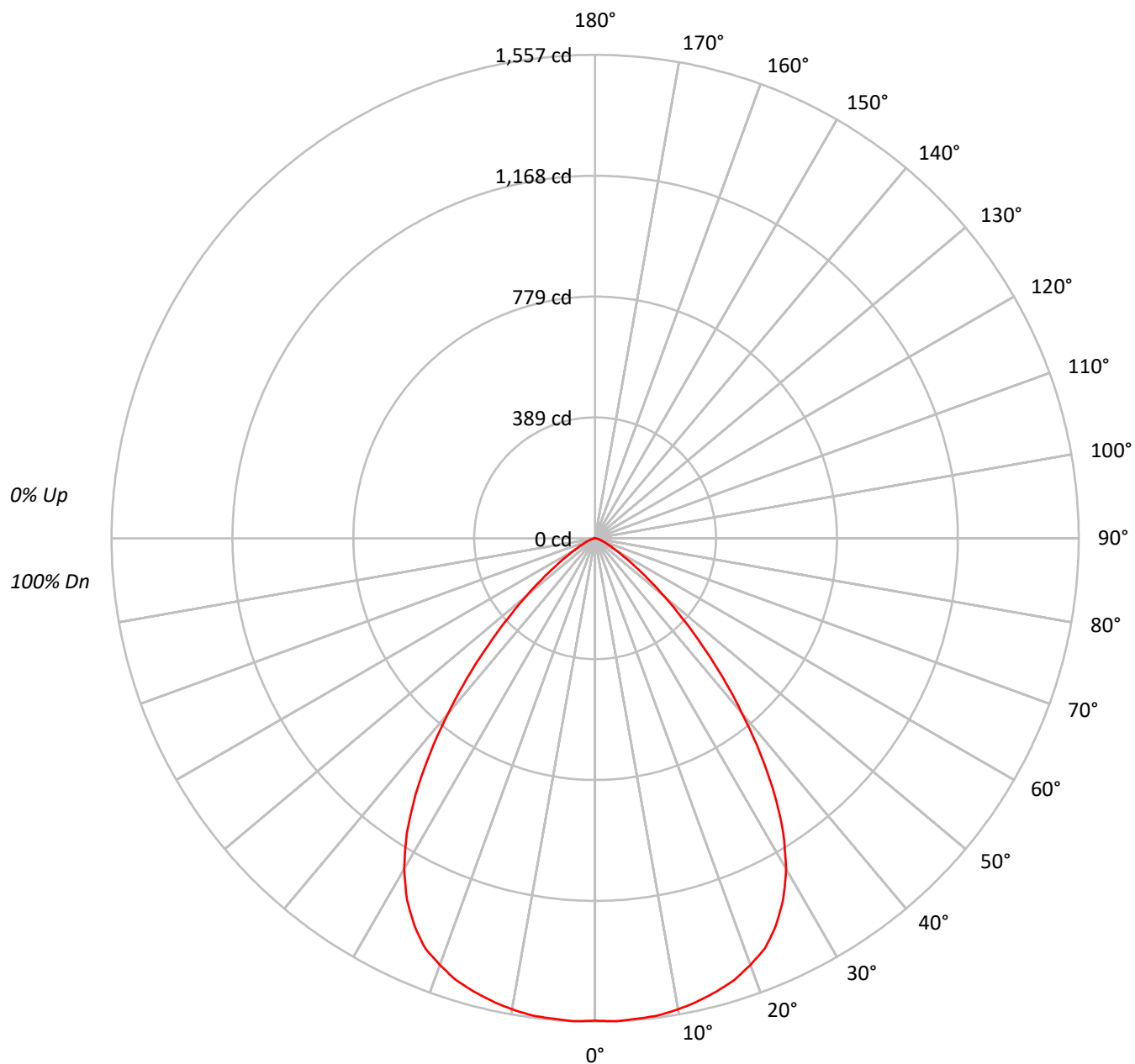
Lumens per Lamp: N/A
Luminaire Lumens: 2410.3 lumens
Efficiency: N/A
Efficacy: 59.7 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.18 / 1.13
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	190865
5°	191594
10°	192188
15°	192193
20°	191126
25°	186658
30°	174458
35°	151071
40°	118019
45°	84664
50°	55006
55°	32921
60°	19263
65°	12355
70°	8226
75°	6218
80°	4599
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	148.0	6.1
10°-20°	426.3	17.7
20°-30°	629.1	26.1
30°-40°	620.8	25.8
40°-50°	379.9	15.8
50°-60°	145.6	6.0
60°-70°	45.5	1.9
70°-80°	13.3	0.6
80°-90°	1.8	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°	1203.4	49.9
0°-40°	1824.2	75.7
0°-60°	2349.7	97.5
0°-90°	2410.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2410.3	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1554	
5°	1554	148
15°	1511	426
25°	1377	629
35°	1007	621
45°	487	380
55°	154	146
65°	42	46
75°	13	13
85°	0	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1553.6
2.5°	1556.9
5°	1553.6
7.5°	1550.4
10°	1540.6
12.5°	1527.5
15°	1511.1
17.5°	1491.4
20°	1461.9
22.5°	1429.4
25°	1377.0
27.5°	1311.5
30°	1229.8
32.5°	1128.5
35°	1007.3
37.5°	873.3
40°	735.9
42.5°	608.3
45°	487.3
47.5°	379.3
50°	287.8
52.5°	212.7
55°	153.7
57.5°	107.9
60°	78.4
62.5°	58.9
65°	42.5
67.5°	32.7
70°	22.9
72.5°	16.4
75°	13.1
77.5°	6.5
80°	6.5
82.5°	3.3
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)