

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: P859248

Luminaire Tested: **LX4C60D010 EX4C609040 4LBWH**

Issue Date: 2/8/2022



Test Information

Test Method: LM-79-08
Report Number: P859248
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: LX4C60D010 EX4C609040 4LBWH
Description: 4 INCH 6000 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 4000K, 90CRI LEDS
AND 4LBW TRIM WITH H FINISH
Light Source: -
Ballast/Driver:

Summary

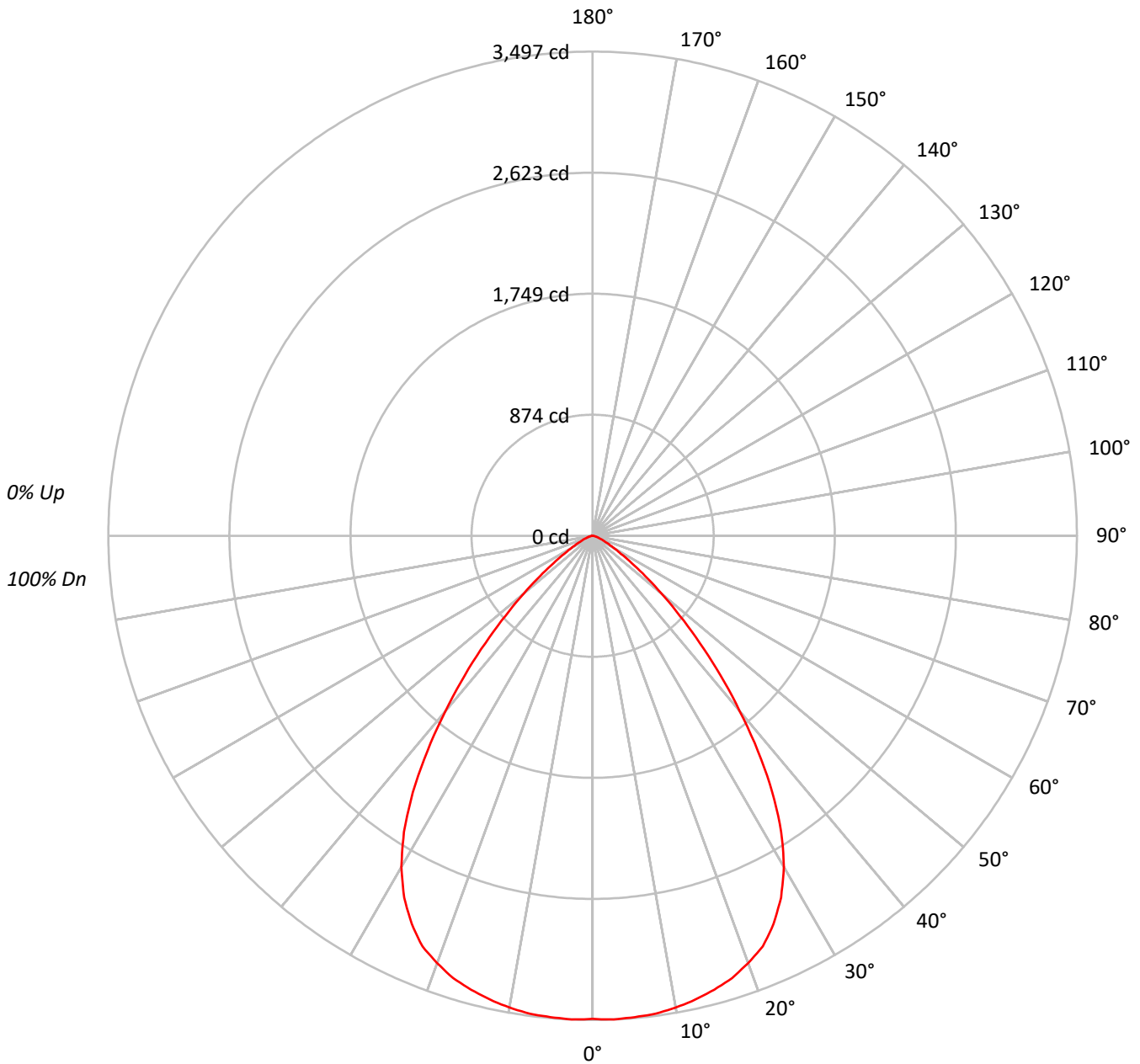
Lumens per Lamp: N/A
Luminaire Lumens: 5414.0 lumens
Efficiency: N/A
Efficacy: 75.2 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.18 / 1.13
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 72
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			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°	428709
5°	430347
10°	431655
15°	431674
20°	429304
25°	419254
30°	391857
35°	339337
40°	265082
45°	190194
50°	123563
55°	73959
60°	43294
65°	27791
70°	18499
75°	13955
80°	10400
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	332.3	6.1
10°-20°	957.5	17.7
20°-30°	1413.0	26.1
30°-40°	1394.4	25.8
40°-50°	853.3	15.8
50°-60°	327.2	6.0
60°-70°	102.3	1.9
70°-80°	30.0	0.6
80°-90°	4.0	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°	2702.9	49.9
0°-40°	4097.3	75.7
0°-60°	5277.7	97.5
0°-90°	5414.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5414.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3490	
5°	3490	332
15°	3394	958
25°	3093	1413
35°	2263	1394
45°	1095	853
55°	345	327
65°	96	102
75°	29	30
85°	0	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	3489.6
2.5°	3497.0
5°	3489.6
7.5°	3482.3
10°	3460.2
12.5°	3430.8
15°	3394.0
17.5°	3349.9
20°	3283.7
22.5°	3210.5
25°	3092.9
27.5°	2945.8
30°	2762.3
32.5°	2534.7
35°	2262.6
37.5°	1961.4
40°	1652.9
42.5°	1366.4
45°	1094.7
47.5°	852.0
50°	646.5
52.5°	477.7
55°	345.3
57.5°	242.3
60°	176.2
62.5°	132.4
65°	95.6
67.5°	73.5
70°	51.5
72.5°	36.8
75°	29.4
77.5°	14.7
80°	14.7
82.5°	7.4
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)