

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: P859241

Luminaire Tested: **LX4C60D010 EX4C609040 4LBMH**

Issue Date: 2/8/2022

Test Information

Test Method: LM-79-08
Report Number: P859241
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 4LBMH
Description: 4 INCH 6000 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 4000K, 90CRI LEDS
AND 4LBM TRIM WITH H FINISH
Light Source: -
Ballast/Driver:

Summary

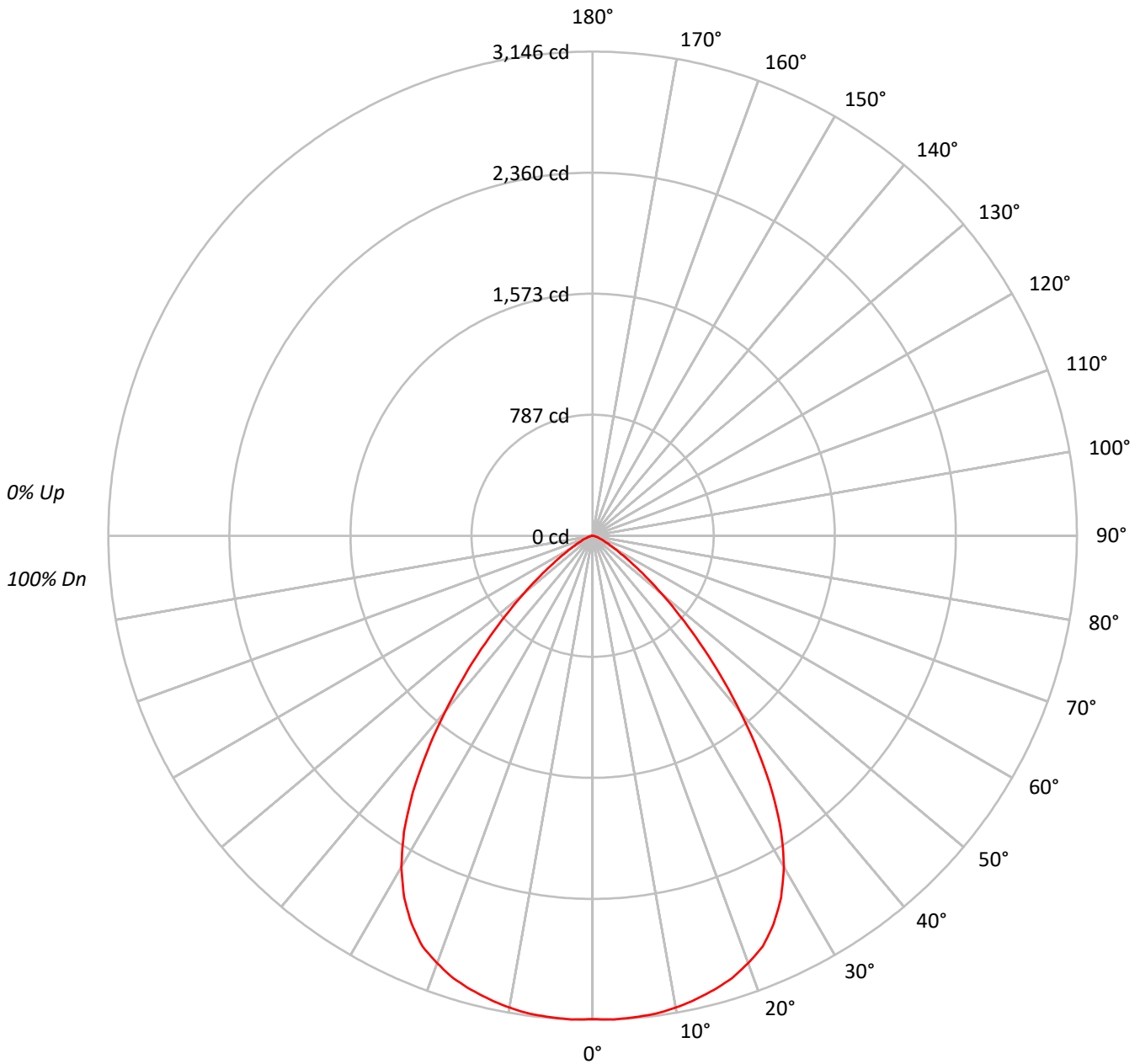
Lumens per Lamp: N/A
Luminaire Lumens: 4871.0 lumens
Efficiency: N/A
Efficacy: 67.7 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.18 / 1.13
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 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																	
RC	80									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	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°	385723
5°	387196
10°	388368
15°	388379
20°	386252
25°	377206
30°	352562
35°	305307
40°	238492
45°	171118
50°	111159
55°	66548
60°	38945
65°	25000
70°	16631
75°	12579
80°	9339
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	299.0	6.1
10°-20°	861.5	17.7
20°-30°	1271.3	26.1
30°-40°	1254.6	25.8
40°-50°	767.7	15.8
50°-60°	294.3	6.0
60°-70°	92.0	1.9
70°-80°	27.0	0.6
80°-90°	3.6	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°	2431.8	49.9
0°-40°	3686.4	75.7
0°-60°	4748.4	97.5
0°-90°	4871.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4871.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3140	
5°	3140	299
15°	3054	862
25°	2783	1271
35°	2036	1255
45°	985	768
55°	311	294
65°	86	92
75°	26	27
85°	0	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	3139.7
2.5°	3146.3
5°	3139.7
7.5°	3133.0
10°	3113.2
12.5°	3086.7
15°	3053.6
17.5°	3013.9
20°	2954.4
22.5°	2888.5
25°	2782.7
27.5°	2650.4
30°	2485.3
32.5°	2280.5
35°	2035.7
37.5°	1764.7
40°	1487.1
42.5°	1229.4
45°	984.9
47.5°	766.6
50°	581.6
52.5°	429.7
55°	310.7
57.5°	218.0
60°	158.5
62.5°	119.1
65°	86.0
67.5°	66.2
70°	46.3
72.5°	33.1
75°	26.5
77.5°	13.2
80°	13.2
82.5°	6.6
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)