

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: P858073

Luminaire Tested: **LX4C40D010 EX4C409030 4LBSLI**

Issue Date: 2/9/2022



Test Information

Test Method: LM-79-08
Report Number: P858073
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P208407)
Test Lab: INNOVATION CENTER
Issue Date: 2/9/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C40D010 EX4C409030 4LBSLI
Description: 4 INCH 4000 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 3000K, 90CRI LEDS
AND 4LBS TRIM WITH LI FINISH, DIM TO WARM
Light Source: -
Ballast/Driver: -

Summary

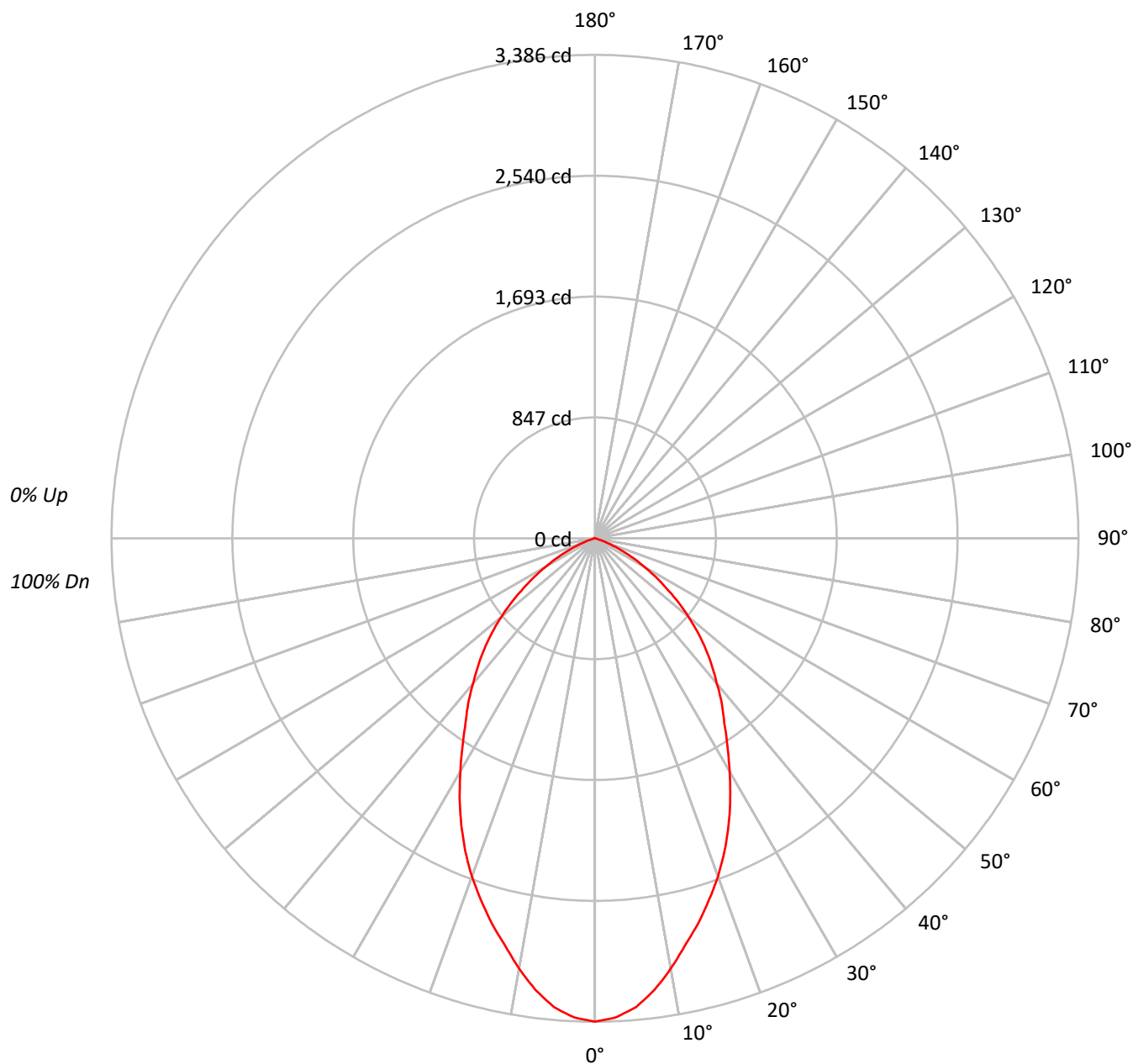
Lumens per Lamp: N/A
Luminaire Lumens: 4741.4 lumens
Efficiency: N/A
Efficacy: 72.9 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 1
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 65
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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	108	105	102	109	106	103	101	102	100	98		98	96	95		95
2	104	98	93	88	102	96	91	87	93	89	85		90	86	84		87
3	97	89	82	77	95	87	81	77	84	79	75		82	78	74		79
4	90	81	73	68	88	79	73	68	77	71	67		75	70	66		73
5	84	73	66	61	82	72	65	60	70	64	60		69	63	59		67
6	79	67	60	54	77	66	59	54	65	58	54		63	58	53		62
7	74	62	54	49	72	61	54	49	60	53	49		58	53	48		57
8	69	57	50	45	68	57	50	45	55	49	45		54	49	44		53
9	65	53	46	41	64	53	46	41	52	45	41		51	45	41		50
10	61	50	43	38	60	49	42	38	48	42	38		47	42	38		46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	415933
5°	406496
10°	381731
15°	355158
20°	329394
25°	300265
30°	267319
35°	236948
40°	212960
45°	190611
50°	163508
55°	131533
60°	98013
65°	62587
70°	30137
75°	5031
80°	3679
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	307.0	6.5
10°-20°	782.9	16.5
20°-30°	1014.5	21.4
30°-40°	994.0	21.0
40°-50°	842.6	17.8
50°-60°	552.3	11.6
60°-70°	222.0	4.7
70°-80°	25.4	0.5
80°-90°	0.7	0.0
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°	2104.4	44.4
0°-40°	3098.5	65.3
0°-60°	4493.3	94.8
0°-90°	4741.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4741.4	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3386	
5°	3296	307
15°	2792	783
25°	2215	1015
35°	1580	994
45°	1097	843
55°	614	552
65°	215	222
75°	11	25
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	3385.6
2.5°	3359.3
5°	3296.2
7.5°	3191.2
10°	3060.0
12.5°	2918.4
15°	2792.4
17.5°	2656.0
20°	2519.5
22.5°	2372.6
25°	2215.1
27.5°	2052.3
30°	1884.4
32.5°	1727.0
35°	1579.9
37.5°	1459.2
40°	1327.9
42.5°	1212.4
45°	1097.1
47.5°	976.4
50°	855.5
52.5°	734.8
55°	614.1
57.5°	503.9
60°	398.9
62.5°	304.4
65°	215.3
67.5°	141.7
70°	83.9
72.5°	36.7
75°	10.6
77.5°	5.2
80°	5.2
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)