

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: P858072

Luminaire Tested: **LX4C40D010 EX4C409030 4LBSH**

Issue Date: 2/14/2022



Test Information

Test Method: LM-79-08
Report Number: P858072
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P205729)
Test Lab: INNOVATION CENTER
Issue Date: 2/14/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C40D010 EX4C409030 4LBSH
Description: 4 INCH 4000 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 3000K, 90CRI LEDS
AND 4LBS TRIM WITH H FINISH, DIM TO WARM
Light Source: -
Ballast/Driver: -

Summary

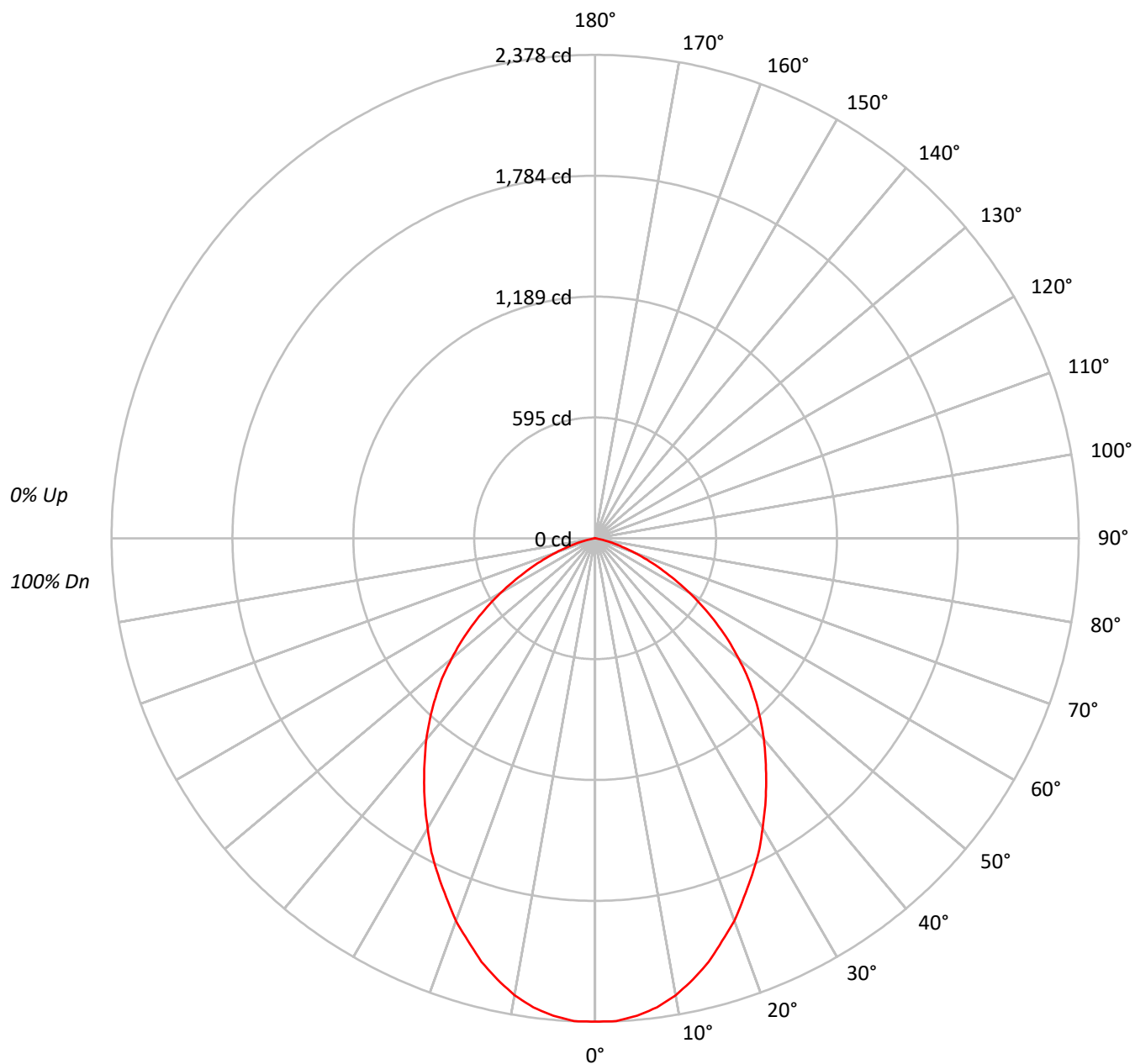
Lumens per Lamp: N/A
Luminaire Lumens: 4545.9 lumens
Efficiency: N/A
Efficacy: 69.9 lumens/watt
Spacing Criteria (0/90/45): 1.06 / 1.06 / 1.17
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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	111	107	104	101	108	105	102	99	101	98	96		97	95	93		93
2	102	96	90	85	100	94	88	84	90	86	82		87	83	80		84
3	95	85	78	73	92	84	77	72	81	75	71		78	74	70		76
4	87	77	69	63	85	75	68	63	73	67	62		71	65	61		69
5	81	69	61	55	79	68	61	55	66	60	55		64	59	54		63
6	75	63	55	49	73	62	54	49	60	54	49		59	53	48		57
7	70	58	50	44	68	57	49	44	55	49	44		54	48	43		53
8	65	53	45	40	64	52	45	40	51	44	39		50	44	39		49
9	61	49	41	36	60	48	41	36	47	40	36		46	40	36		45
10	58	45	38	33	56	45	38	33	44	37	33		43	37	33		42

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	292084
5°	290733
10°	284726
15°	274381
20°	261763
25°	247643
30°	233599
35°	219940
40°	207091
45°	193044
50°	176027
55°	155458
60°	131601
65°	103284
70°	73744
75°	40394
80°	7146
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	222.7	4.9
10°-20°	605.3	13.3
20°-30°	840.6	18.5
30°-40°	917.3	20.2
40°-50°	855.7	18.8
50°-60°	649.5	14.3
60°-70°	355.6	7.8
70°-80°	97.9	2.2
80°-90°	1.4	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°	1668.6	36.7
0°-40°	2585.9	56.9
0°-60°	4091.1	90.0
0°-90°	4545.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4545.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2378	
5°	2358	223
15°	2157	605
25°	1827	841
35°	1466	917
45°	1111	856
55°	726	649
65°	355	356
75°	85	98
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	2377.5
2.5°	2377.5
5°	2357.5
7.5°	2327.5
10°	2282.4
12.5°	2222.4
15°	2157.3
17.5°	2077.2
20°	2002.2
22.5°	1912.0
25°	1826.9
27.5°	1741.9
30°	1646.7
32.5°	1556.6
35°	1466.5
37.5°	1376.4
40°	1291.3
42.5°	1201.3
45°	1111.1
47.5°	1021.1
50°	921.0
52.5°	825.8
55°	725.8
57.5°	630.7
60°	535.6
62.5°	440.4
65°	355.3
67.5°	275.2
70°	205.3
72.5°	140.2
75°	85.1
77.5°	40.0
80°	10.1
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)