

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: P857801

Luminaire Tested: **LX4C35D010 EX4C359050 4LBMH**

Issue Date: 2/8/2022



Test Information

Test Method: LM-79-08
Report Number: P857801
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 EX4C359050 4LBMH
Description: 4 INCH 3500 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 5000K, 90CRI LEDS
AND 4LBM TRIM WITH H FINISH
Light Source: -
Ballast/Driver:

Summary

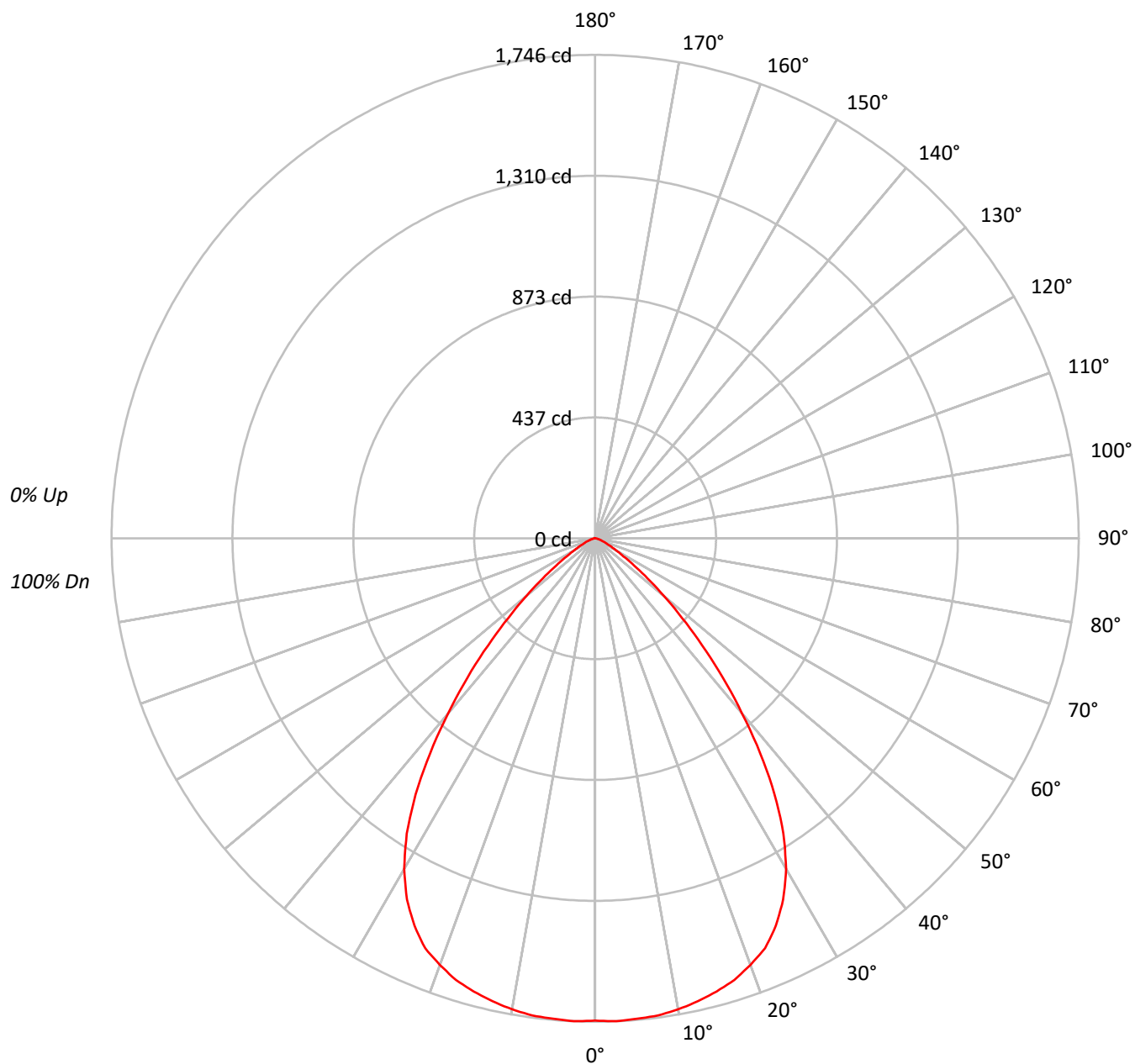
Lumens per Lamp: N/A
Luminaire Lumens: 2703.0 lumens
Efficiency: N/A
Efficacy: 66.9 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.18 / 1.13
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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
RCR																				
0	119	119	119	119	116	116	116	116		111	111	111			106	106	106			102
1	112	109	106	104	110	107	104	102		103	101	99			99	97	96			96
2	105	100	95	91	103	98	93	90		95	91	88			91	88	86			89
3	99	91	85	80	97	90	84	80		87	82	78			84	80	77			82
4	92	83	77	72	90	82	76	71		80	75	70			78	73	70			76
5	87	77	70	65	85	76	69	64		74	68	64			72	67	63			70
6	81	71	64	58	80	70	63	58		68	62	58			67	61	57			65
7	76	65	58	53	75	65	58	53		63	57	53			62	56	52			61
8	72	60	53	49	70	60	53	49		59	53	48			58	52	48			57
9	68	56	49	45	66	56	49	45		55	49	44			54	48	44			53
10	64	52	46	41	63	52	46	41		51	45	41			50	45	41			49

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	214035
5°	214853
10°	215516
15°	215519
20°	214332
25°	209322
30°	195638
35°	169413
40°	132340
45°	94949
50°	61676
55°	36926
60°	21598
65°	13866
70°	9231
75°	6978
80°	5165
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	165.9	6.1
10°-20°	478.1	17.7
20°-30°	705.5	26.1
30°-40°	696.2	25.8
40°-50°	426.0	15.8
50°-60°	163.3	6.0
60°-70°	51.1	1.9
70°-80°	15.0	0.6
80°-90°	2.0	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°	1349.4	49.9
0°-40°	2045.6	75.7
0°-60°	2635.0	97.5
0°-90°	2703.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2703.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1742	
5°	1742	166
15°	1694	478
25°	1544	705
35°	1130	696
45°	546	426
55°	172	163
65°	48	51
75°	15	15
85°	0	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1742.2
2.5°	1745.9
5°	1742.2
7.5°	1738.6
10°	1727.6
12.5°	1712.9
15°	1694.5
17.5°	1672.5
20°	1639.4
22.5°	1602.9
25°	1544.2
27.5°	1470.7
30°	1379.1
32.5°	1265.5
35°	1129.6
37.5°	979.3
40°	825.2
42.5°	682.2
45°	546.5
47.5°	425.4
50°	322.7
52.5°	238.5
55°	172.4
57.5°	121.0
60°	87.9
62.5°	66.1
65°	47.7
67.5°	36.7
70°	25.7
72.5°	18.4
75°	14.7
77.5°	7.3
80°	7.3
82.5°	3.7
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)