

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: P857875

Luminaire Tested: **LX4C35D010 EX4C359850 4LBNLI**

Issue Date: 1/21/2022



Test Information

Test Method: LM-79-08
Report Number: P857875
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P208279)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C35D010 EX4C359850 4LBNI
Description:
Light Source: -
Ballast/Driver: -

Summary

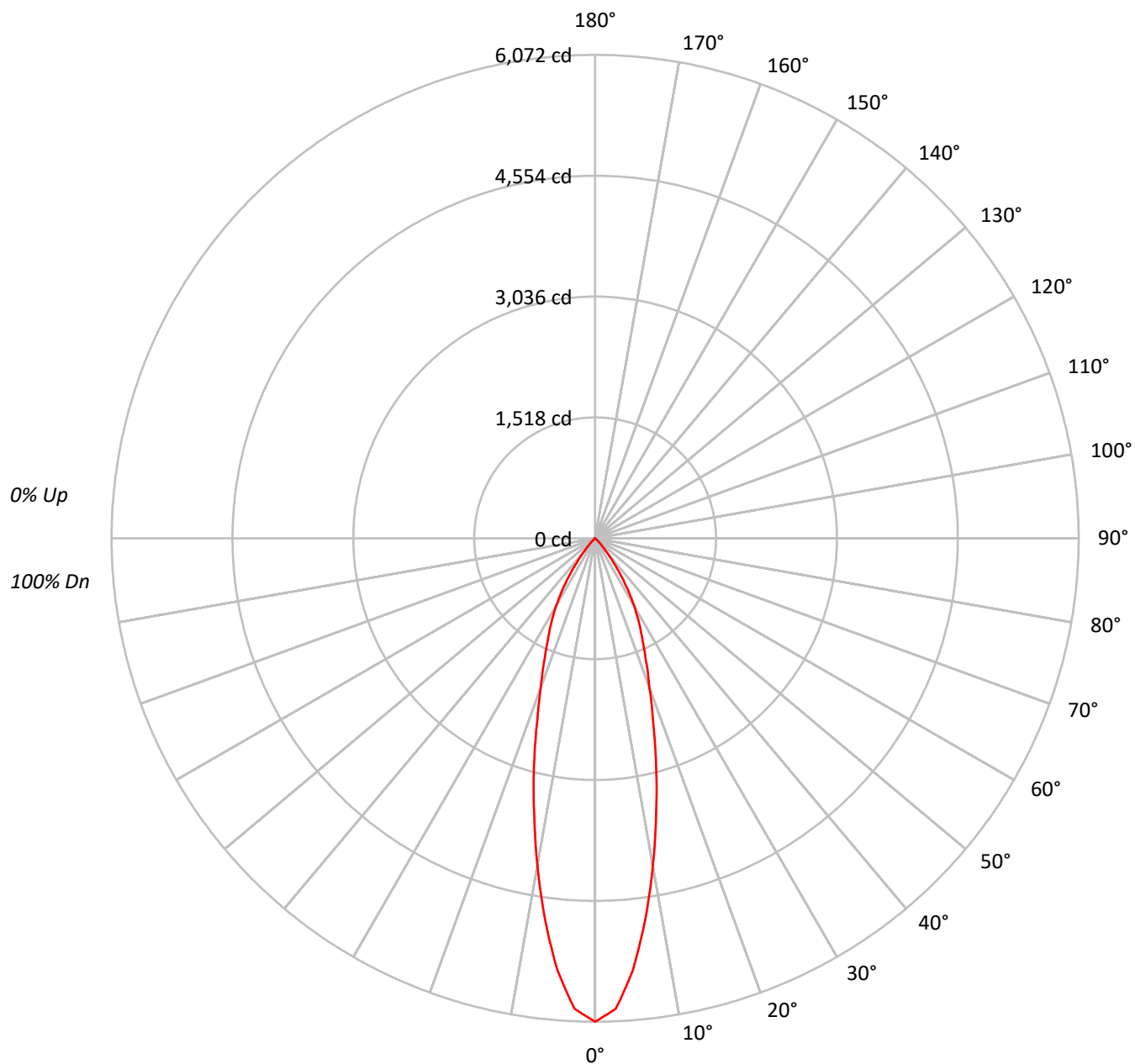
Lumens per Lamp: N/A
Luminaire Lumens: 2359.6 lumens
Efficiency: N/A
Efficacy: 58.4 lumens/watt
Spacing Criteria (0/90/45): 0.48 / 0.48 / 0.54
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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	114	112	110	108	112	110	108	106		106	104	103			102	101	100			99
2	109	105	102	99	107	103	100	98		100	98	95			97	95	93			95
3	105	99	95	92	103	98	94	91		95	92	89			93	90	88			91
4	101	94	89	86	99	93	88	85		91	87	84			89	86	83			87
5	96	89	84	80	95	88	84	80		87	82	79			85	81	79			83
6	92	85	80	76	91	84	79	76		83	78	75			81	78	75			80
7	89	81	76	72	88	80	75	72		79	75	71			78	74	71			77
8	85	77	72	68	84	77	72	68		76	71	68			75	71	68			74
9	82	74	69	65	81	73	68	65		72	68	65			72	68	65			71
10	79	71	66	62	78	70	65	62		69	65	62			69	65	62			68

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	745979
5°	671307
10°	520414
15°	376678
20°	260809
25°	190141
30°	138156
35°	81752
40°	34384
45°	10720
50°	1395
55°	792
60°	909
65°	1076
70°	0
75°	0
80°	0
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	478.5	20.3
10°-20°	819.2	34.7
20°-30°	651.1	27.6
30°-40°	344.7	14.6
40°-50°	59.4	2.5
50°-60°	4.5	0.2
60°-70°	2.3	0.1
70°-80°	0.0	0.0
80°-90°	0.0	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°	1948.8	82.6
0°-40°	2293.5	97.2
0°-60°	2357.4	99.9
0°-90°	2359.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2359.6	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	6072	
5°	5444	479
15°	2962	819
25°	1403	651
35°	545	345
45°	62	59
55°	4	4
65°	4	2
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	6072.1
2.5°	5915.8
5°	5443.5
7.5°	4825.8
10°	4171.7
12.5°	3539.4
15°	2961.6
17.5°	2423.8
20°	1994.9
22.5°	1667.9
25°	1402.7
27.5°	1188.2
30°	973.9
32.5°	755.8
35°	545.1
37.5°	359.8
40°	214.4
42.5°	123.6
45°	61.7
47.5°	21.8
50°	7.3
52.5°	7.3
55°	3.7
57.5°	3.7
60°	3.7
62.5°	3.7
65°	3.7
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)