

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: P857844

Luminaire Tested: **LX4C35D010 EX4C359835 4LBMDH**

Issue Date: 2/18/2022



Test Information

Test Method: LM-79-08
Report Number: P857844
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2105-247-9)
Test Lab: INNOVATION CENTER
Issue Date: 2/18/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C35D010 EX4C359835 4LBMDH
Description:
Light Source: -
Ballast/Driver: -

Summary

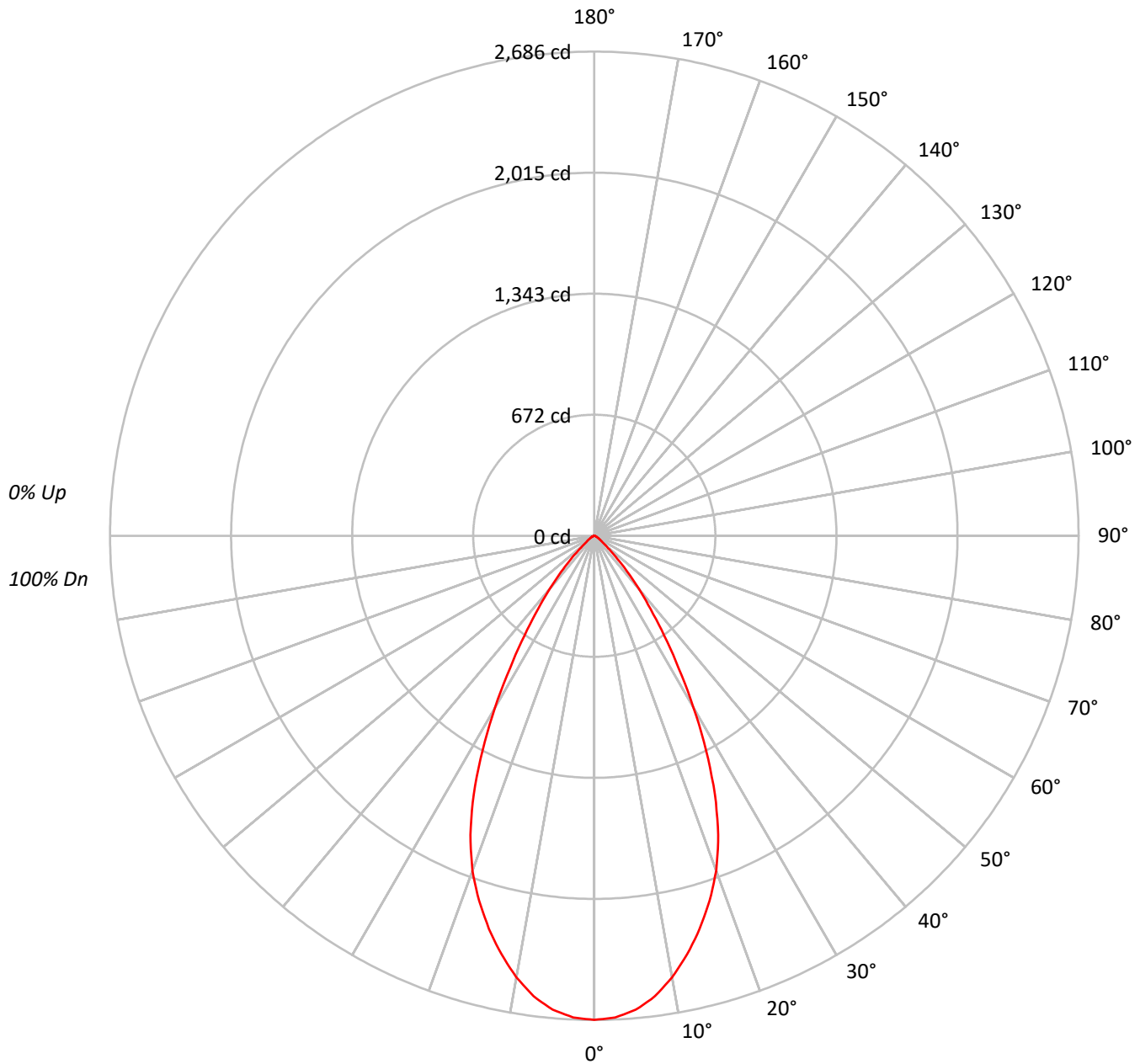
Lumens per Lamp: N/A
Luminaire Lumens: 2229.3 lumens
Efficiency: N/A
Efficacy: 55.2 lumens/watt
Spacing Criteria (0/90/45): 0.86 / 0.86 / 0.83
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	113	111	108	106	111	109	106	104	104	103	101	101	99	98	97	96	95	93		
2	108	103	99	95	106	101	97	94	98	95	92	95	92	90	92	90	88	87		
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	84	82	81		
4	97	90	84	80	95	88	83	79	86	82	78	84	80	77	82	79	77	75		
5	92	84	78	74	91	83	77	73	81	76	73	79	75	72	78	74	71	70		
6	88	79	73	68	86	78	72	68	76	71	68	75	71	67	74	70	67	65		
7	83	74	68	64	82	73	68	64	72	67	63	71	66	63	70	66	63	61		
8	79	70	64	60	78	69	63	60	68	63	59	67	62	59	66	62	59	57		
9	76	66	60	56	74	65	60	56	64	59	56	64	59	56	63	58	55	54		
10	72	62	57	53	71	62	56	53	61	56	53	60	56	52	60	55	52	51		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	329948
5°	325498
10°	310225
15°	287074
20°	258417
25°	214677
30°	156059
35°	101159
40°	61231
45°	31551
50°	14277
55°	8589
60°	5774
65°	4128
70°	3089
75°	2041
80°	1344
85°	846



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	247.1	11.1
10°-20°	629.8	28.3
20°-30°	712.2	31.9
30°-40°	430.4	19.3
40°-50°	150.8	6.8
50°-60°	38.6	1.7
60°-70°	14.8	0.7
70°-80°	5.0	0.2
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°	1589.1	71.3
0°-40°	2019.5	90.6
0°-60°	2208.8	99.1
0°-90°	2229.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2229.3	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2686	
5°	2639	247
15°	2257	630
25°	1584	712
35°	674	430
45°	182	151
55°	40	39
65°	14	15
75°	4	5
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	2685.7
2.5°	2674.6
5°	2639.4
7.5°	2577.0
10°	2486.8
12.5°	2378.1
15°	2257.1
17.5°	2124.2
20°	1976.6
22.5°	1795.6
25°	1583.7
27.5°	1341.0
30°	1100.1
32.5°	869.7
35°	674.5
37.5°	511.4
40°	381.8
42.5°	274.2
45°	181.6
47.5°	111.8
50°	74.7
52.5°	53.8
55°	40.1
57.5°	30.9
60°	23.5
62.5°	18.5
65°	14.2
67.5°	11.1
70°	8.6
72.5°	6.2
75°	4.3
77.5°	3.1
80°	1.9
82.5°	1.2
85°	0.6
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)