

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: P857631

Luminaire Tested: **LX4C30D010 EX4C309830 4LBMH**

Issue Date: 2/8/2022



Test Information

Test Method: LM-79-08
Report Number: P857631
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: LX4C30D010 EX4C309830 4LBMH
Description:
Light Source: -
Ballast/Driver: -

Summary

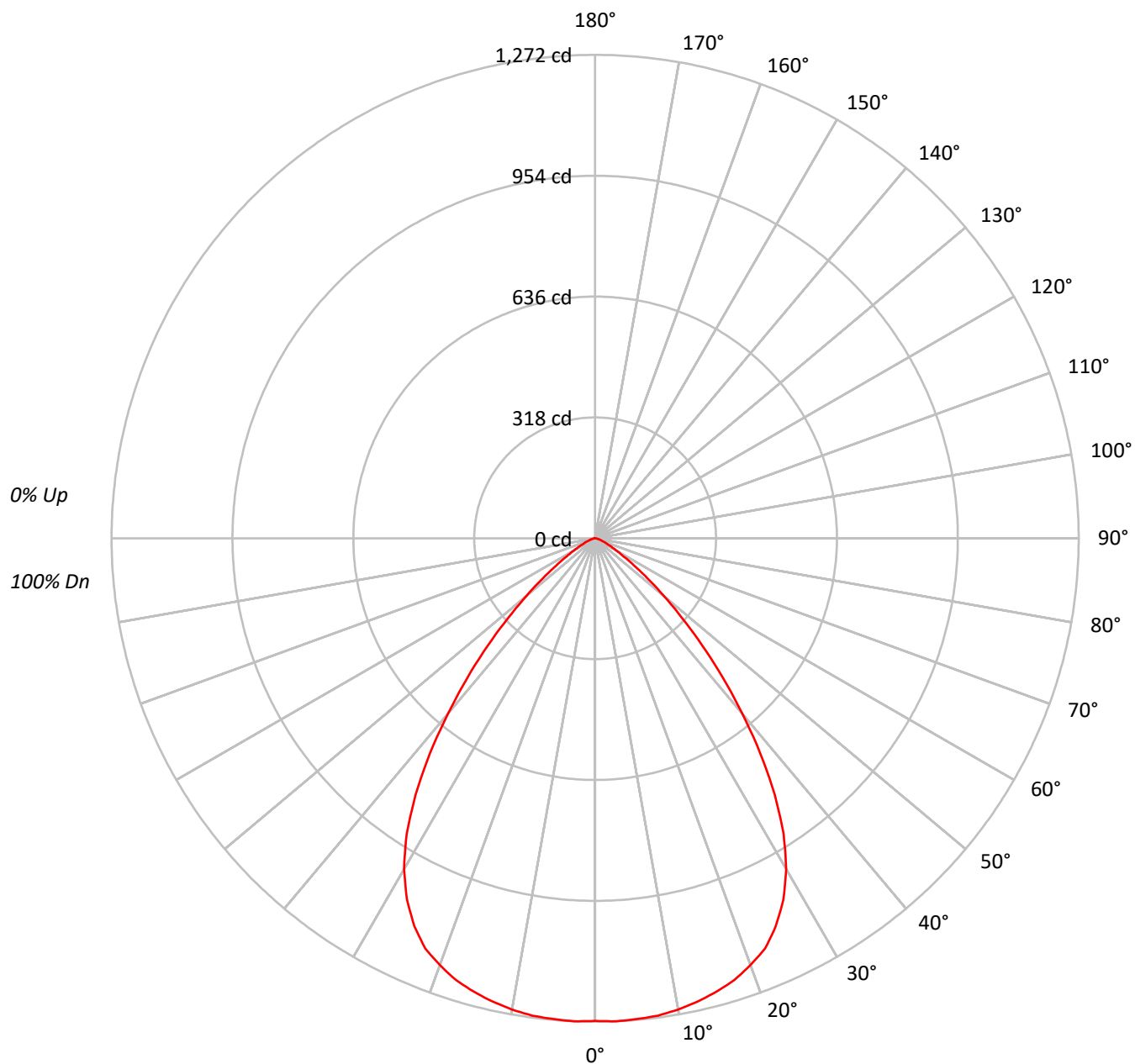
Lumens per Lamp: N/A
Luminaire Lumens: 1969.9 lumens
Efficiency: N/A
Efficacy: 62.3 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.18 / 1.13
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 31.6
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	67	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°	155987
5°	156583
10°	157059
15°	157064
20°	156206
25°	152539
30°	142582
35°	123476
40°	96449
45°	69201
50°	44953
55°	26902
60°	15750
65°	10116
70°	6717
75°	5079
80°	3820
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	120.9	6.1
10°-20°	348.4	17.7
20°-30°	514.1	26.1
30°-40°	507.4	25.8
40°-50°	310.5	15.8
50°-60°	119.0	6.0
60°-70°	37.2	1.9
70°-80°	10.9	0.6
80°-90°	1.5	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°	983.4	49.9
0°-40°	1490.8	75.7
0°-60°	1920.3	97.5
0°-90°	1969.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1969.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1270	
5°	1270	121
15°	1235	348
25°	1125	514
35°	823	507
45°	398	310
55°	126	119
65°	35	37
75°	11	11
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1269.7
2.5°	1272.3
5°	1269.7
7.5°	1267.0
10°	1259.0
12.5°	1248.3
15°	1234.9
17.5°	1218.8
20°	1194.8
22.5°	1168.2
25°	1125.3
27.5°	1071.8
30°	1005.1
32.5°	922.2
35°	823.3
37.5°	713.7
40°	601.4
42.5°	497.1
45°	398.3
47.5°	310.0
50°	235.2
52.5°	173.8
55°	125.6
57.5°	88.2
60°	64.1
62.5°	48.2
65°	34.8
67.5°	26.8
70°	18.7
72.5°	13.4
75°	10.7
77.5°	5.4
80°	5.4
82.5°	2.7
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)