

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: P857638

Luminaire Tested: **LX4C30D010 EX4C309830 4LBWH**

Issue Date: 2/8/2022



Test Information

Test Method: LM-79-08
Report Number: P857638
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 4LBWH
Description:
Light Source: -
Ballast/Driver: -

Summary

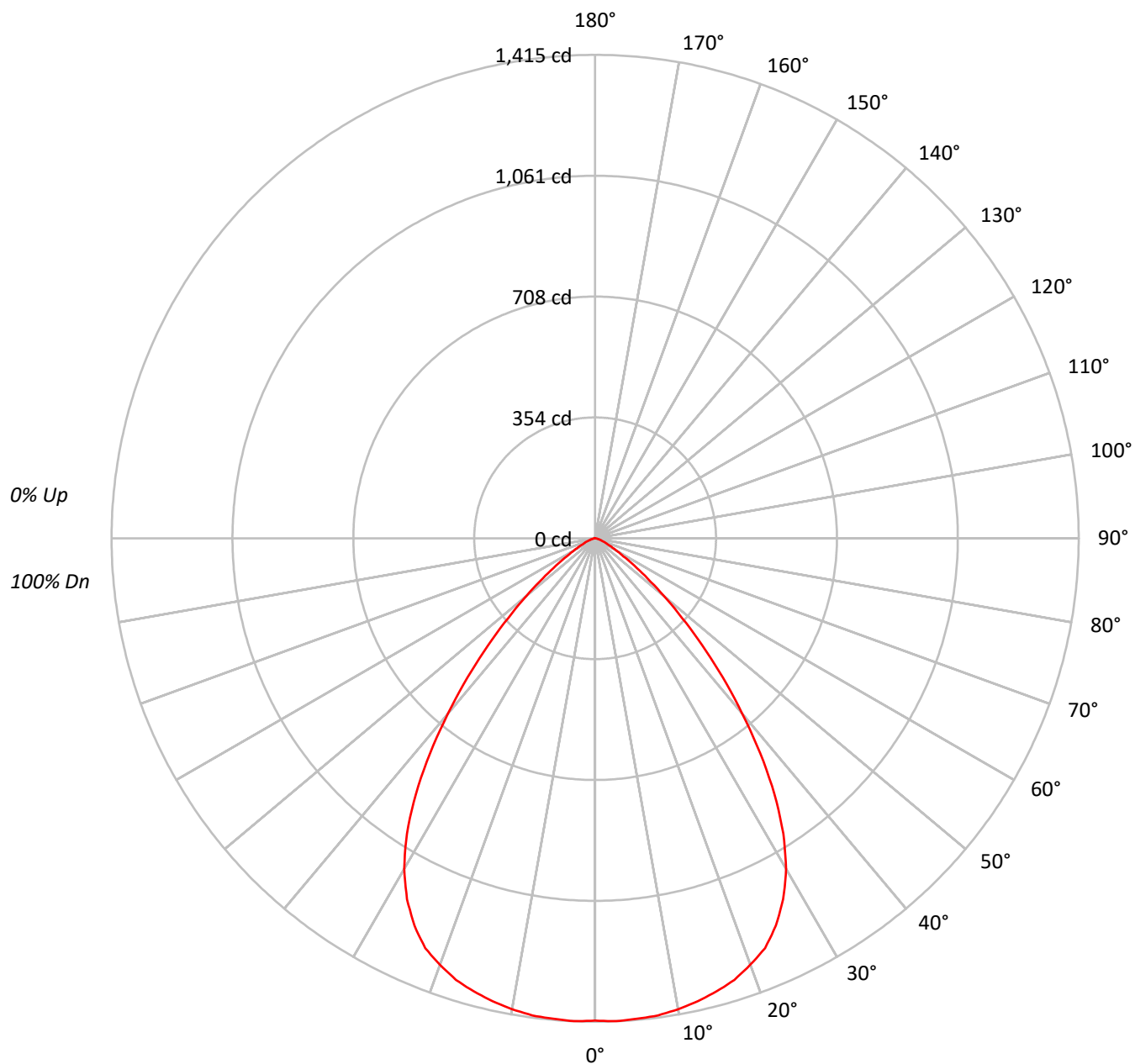
Lumens per Lamp: N/A
Luminaire Lumens: 2190.1 lumens
Efficiency: N/A
Efficacy: 69.3 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.18 / 1.13
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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	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°	173420
5°	174082
10°	174623
15°	174628
20°	173659
25°	169605
30°	158513
35°	137273
40°	107226
45°	76933
50°	49979
55°	29901
60°	17519
65°	11250
70°	7507
75°	5649
80°	4245
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	134.4	6.1
10°-20°	387.4	17.7
20°-30°	571.6	26.1
30°-40°	564.1	25.8
40°-50°	345.2	15.8
50°-60°	132.3	6.0
60°-70°	41.4	1.9
70°-80°	12.2	0.6
80°-90°	1.6	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°	1093.4	49.9
0°-40°	1657.5	75.7
0°-60°	2135.0	97.5
0°-90°	2190.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2190.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1412	
5°	1412	134
15°	1373	387
25°	1251	572
35°	915	564
45°	443	345
55°	140	132
65°	39	41
75°	12	12
85°	0	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1411.6
2.5°	1414.7
5°	1411.6
7.5°	1408.7
10°	1399.8
12.5°	1387.9
15°	1373.0
17.5°	1355.2
20°	1328.3
22.5°	1298.7
25°	1251.2
27.5°	1191.6
30°	1117.4
32.5°	1025.3
35°	915.3
37.5°	793.5
40°	668.6
42.5°	552.8
45°	442.8
47.5°	344.7
50°	261.5
52.5°	193.2
55°	139.6
57.5°	98.0
60°	71.3
62.5°	53.5
65°	38.7
67.5°	29.8
70°	20.9
72.5°	14.9
75°	11.9
77.5°	6.0
80°	6.0
82.5°	2.9
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)