

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: P857651

Luminaire Tested: **LX4C30D010 EX4C309835 4LBWH**

Issue Date: 2/8/2022



Test Information

Test Method: LM-79-08
Report Number: P857651
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 EX4C309835 4LBWH
Description:
Light Source: -
Ballast/Driver: -

Summary

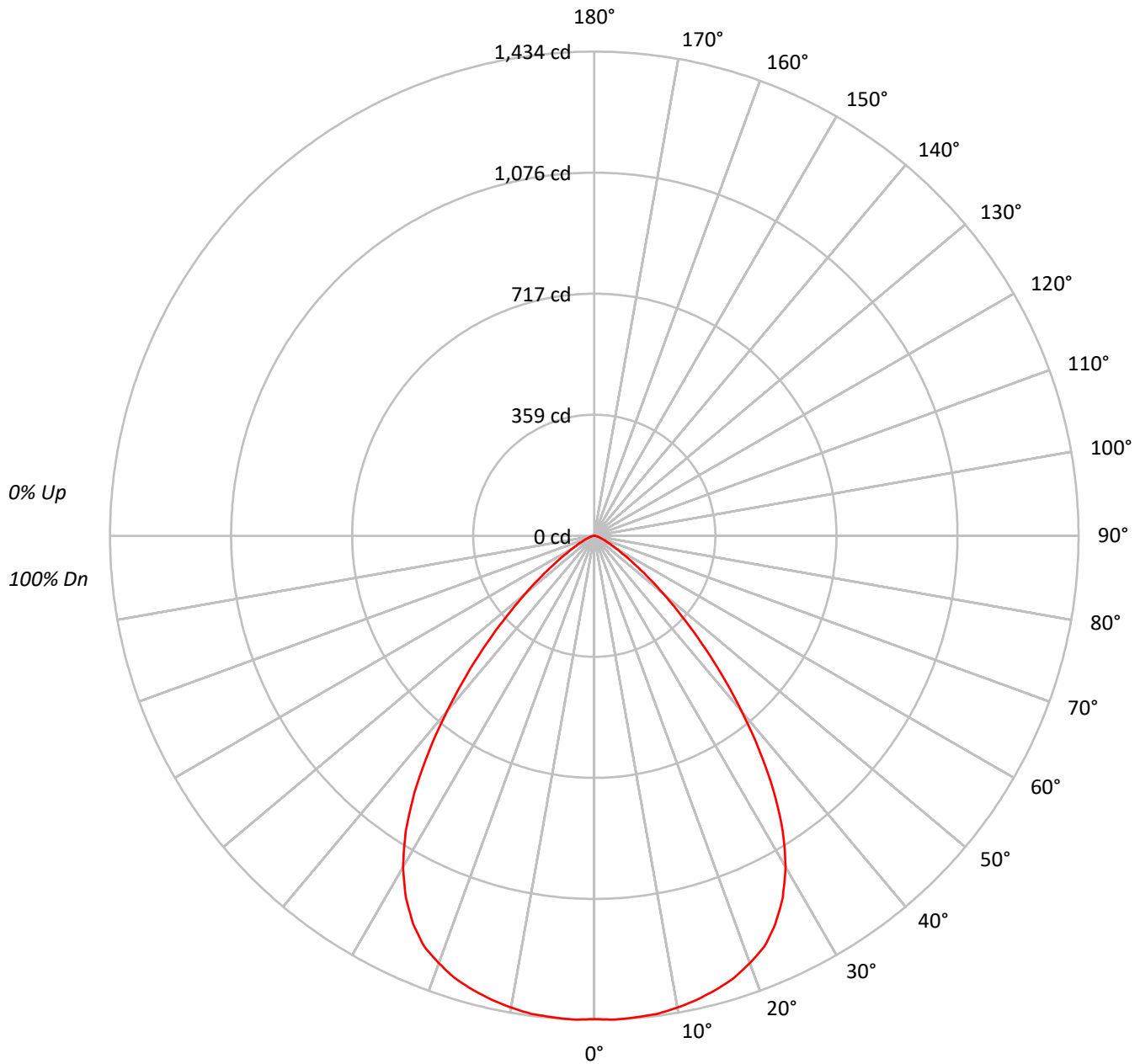
Lumens per Lamp: N/A
Luminaire Lumens: 2220.4 lumens
Efficiency: N/A
Efficacy: 70.3 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.18 / 1.13
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0			
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			
1	112	109	106	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91			
2	105	100	95	91	103	98	93	90	95	91	88	91	88	86	89	86	84	82			
3	99	91	85	80	97	90	84	80	87	82	78	84	80	77	82	79	76	74			
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67			
5	87	77	70	65	85	76	69	64	74	68	64	72	67	63	70	66	62	61			
6	81	71	64	58	80	70	63	58	68	62	58	67	61	57	65	61	57	55			
7	76	65	58	53	75	65	58	53	63	57	53	62	56	52	61	56	52	50			
8	72	60	53	49	70	60	53	49	59	53	48	58	52	48	57	52	48	46			
9	68	56	49	45	66	56	49	45	55	49	44	54	48	44	53	48	44	43			
10	64	52	46	41	63	52	46	41	51	45	41	50	45	41	49	44	41	39			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	175828
5°	176500
10°	177031
15°	177045
20°	176078
25°	171950
30°	160712
35°	139163
40°	108717
45°	78010
50°	50668
55°	30329
60°	17740
65°	11395
70°	7579
75°	5696
80°	4316
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	136.3	6.1
10°-20°	392.7	17.7
20°-30°	579.5	26.1
30°-40°	571.9	25.8
40°-50°	350.0	15.8
50°-60°	134.2	6.0
60°-70°	41.9	1.9
70°-80°	12.3	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°	1108.5	49.9
0°-40°	1680.4	75.7
0°-60°	2164.5	97.5
0°-90°	2220.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2220.4	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1431	
5°	1431	136
15°	1392	393
25°	1268	580
35°	928	572
45°	449	350
55°	142	134
65°	39	42
75°	12	12
85°	0	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1431.2
2.5°	1434.2
5°	1431.2
7.5°	1428.2
10°	1419.1
12.5°	1407.1
15°	1392.0
17.5°	1373.9
20°	1346.8
22.5°	1316.7
25°	1268.5
27.5°	1208.1
30°	1132.9
32.5°	1039.5
35°	927.9
37.5°	804.4
40°	677.9
42.5°	560.5
45°	449.0
47.5°	349.5
50°	265.1
52.5°	195.9
55°	141.6
57.5°	99.4
60°	72.2
62.5°	54.3
65°	39.2
67.5°	30.1
70°	21.1
72.5°	15.1
75°	12.0
77.5°	6.1
80°	6.1
82.5°	3.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)