

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: P857635

Luminaire Tested: **LX4C30D010 EX4C309830 4LBSH**

Issue Date: 2/14/2022



Test Information

Test Method: LM-79-08
Report Number: P857635
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P205729)
Test Lab: INNOVATION CENTER
Issue Date: 2/14/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C30D010 EX4C309830 4LBSH
Description:
Light Source: -
Ballast/Driver: -

Summary

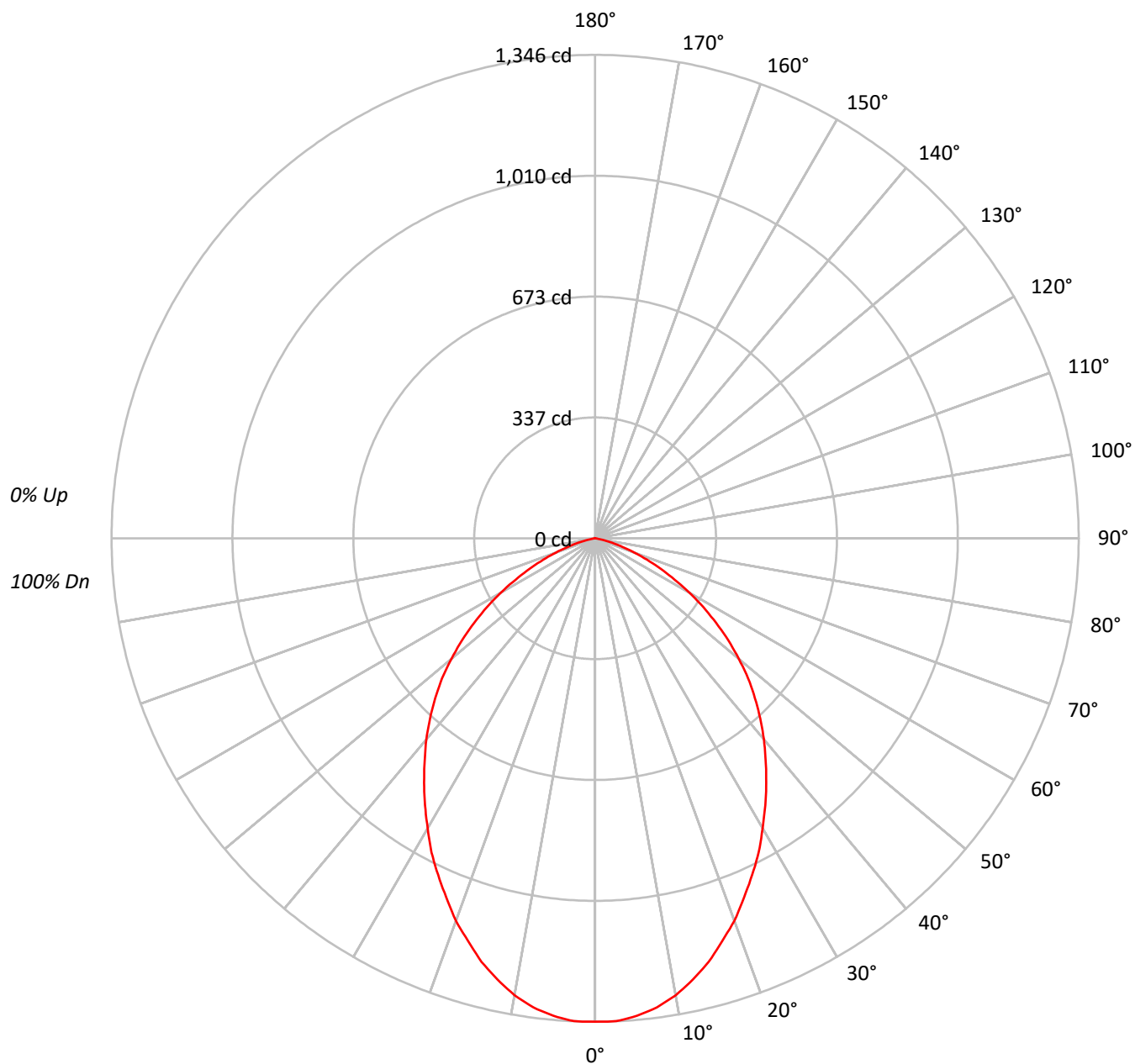
Lumens per Lamp: N/A
Luminaire Lumens: 2573.5 lumens
Efficiency: N/A
Efficacy: 81.4 lumens/watt
Spacing Criteria (0/90/45): 1.06 / 1.06 / 1.17
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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	111	107	104	101	108	105	102	99	101	98	96		97	95	93		93
2	102	96	90	85	100	94	88	84	90	86	82		87	83	80		84
3	95	85	78	73	92	84	77	72	81	75	71		78	74	70		76
4	87	77	69	63	85	75	68	63	73	67	62		71	65	61		69
5	81	69	61	55	79	68	61	55	66	60	55		64	59	54		63
6	75	63	55	49	73	62	54	49	60	54	49		59	53	48		57
7	70	58	50	44	68	57	49	44	55	49	44		54	48	43		53
8	65	53	45	40	64	52	45	40	51	44	39		50	44	39		49
9	61	49	41	36	60	48	41	36	47	40	36		46	40	36		45
10	58	45	38	33	56	45	38	33	44	37	33		43	37	33		42

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	165361
5°	164599
10°	161188
15°	155334
20°	148178
25°	140190
30°	132241
35°	124510
40°	117233
45°	109283
50°	99653
55°	88010
60°	74498
65°	58488
70°	41739
75°	22879
80°	4033
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	126.1	4.9
10°-20°	342.7	13.3
20°-30°	475.9	18.5
30°-40°	519.3	20.2
40°-50°	484.4	18.8
50°-60°	367.7	14.3
60°-70°	201.3	7.8
70°-80°	55.4	2.2
80°-90°	0.8	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°	944.6	36.7
0°-40°	1463.9	56.9
0°-60°	2316.0	90.0
0°-90°	2573.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2573.5	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1346	
5°	1335	126
15°	1221	343
25°	1034	476
35°	830	519
45°	629	484
55°	411	368
65°	201	201
75°	48	55
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1346.0
2.5°	1346.0
5°	1334.7
7.5°	1317.6
10°	1292.1
12.5°	1258.2
15°	1221.3
17.5°	1176.0
20°	1133.4
22.5°	1082.4
25°	1034.2
27.5°	986.1
30°	932.2
32.5°	881.2
35°	830.2
37.5°	779.2
40°	731.0
42.5°	680.0
45°	629.0
47.5°	578.0
50°	521.4
52.5°	467.5
55°	410.9
57.5°	357.1
60°	303.2
62.5°	249.4
65°	201.2
67.5°	155.8
70°	116.2
72.5°	79.4
75°	48.2
77.5°	22.7
80°	5.7
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)