

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: P857661

Luminaire Tested: **LX4C30D010 EX4C309840 4LBSH**

Issue Date: 2/14/2022



Test Information

Test Method: LM-79-08
Report Number: P857661
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 EX4C309840 4LBSH
Description:
Light Source: -
Ballast/Driver: -

Summary

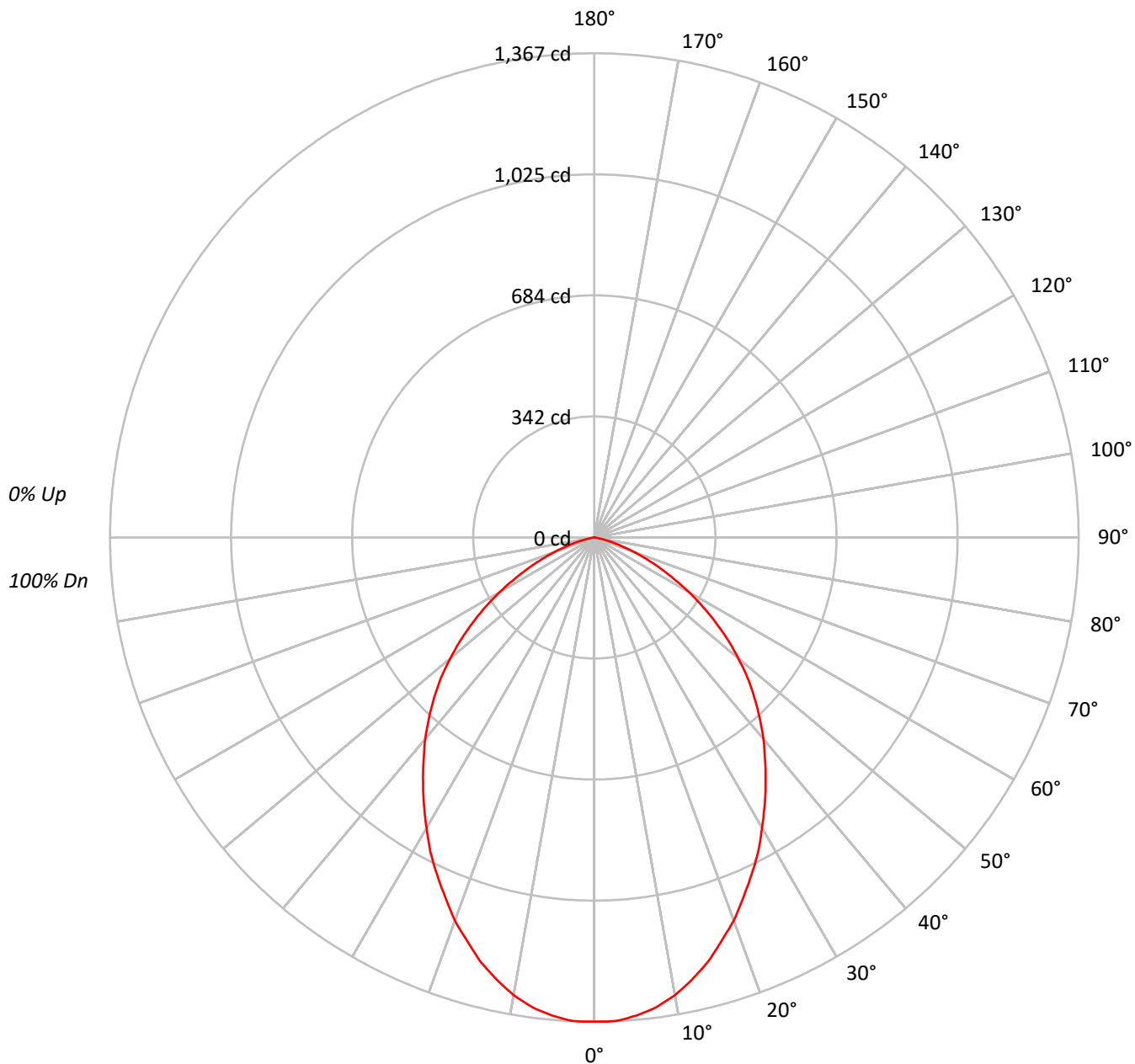
Lumens per Lamp: N/A
Luminaire Lumens: 2613.7 lumens
Efficiency: N/A
Efficacy: 82.7 lumens/watt
Spacing Criteria (0/90/45): 1.06 / 1.06 / 1.17
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	111	107	104	101		108	105	102	99		101	98	96		97	95	93		93	92	90
2	102	96	90	85		100	94	88	84		90	86	82		87	83	80		84	81	79
3	95	85	78	73		92	84	77	72		81	75	71		78	74	70		76	72	69
4	87	77	69	63		85	75	68	63		73	67	62		71	65	61		69	64	60
5	81	69	61	55		79	68	61	55		66	60	55		64	59	54		63	58	53
6	75	63	55	49		73	62	54	49		60	54	49		59	53	48		57	52	48
7	70	58	50	44		68	57	49	44		55	49	44		54	48	43		53	47	43
8	65	53	45	40		64	52	45	40		51	44	39		50	44	39		49	43	39
9	61	49	41	36		60	48	41	36		47	40	36		46	40	36		45	40	35
10	58	45	38	33		56	45	38	33		44	37	33		43	37	33		42	37	33

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	167941
5°	167152
10°	163708
15°	157750
20°	150492
25°	142386
30°	134312
35°	126445
40°	119078
45°	110986
50°	101201
55°	89381
60°	75653
65°	59389
70°	42421
75°	23259
80°	4103
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	128.0	4.9
10°-20°	348.0	13.3
20°-30°	483.3	18.5
30°-40°	527.4	20.2
40°-50°	492.0	18.8
50°-60°	373.4	14.3
60°-70°	204.5	7.8
70°-80°	56.3	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°	959.4	36.7
0°-40°	1486.8	56.9
0°-60°	2352.2	90.0
0°-90°	2613.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2613.7	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1367	
5°	1355	128
15°	1240	348
25°	1050	483
35°	843	527
45°	639	492
55°	417	373
65°	204	204
75°	49	56
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1367.0
2.5°	1367.0
5°	1355.4
7.5°	1338.2
10°	1312.3
12.5°	1277.8
15°	1240.3
17.5°	1194.3
20°	1151.1
22.5°	1099.3
25°	1050.4
27.5°	1001.5
30°	946.8
32.5°	895.0
35°	843.1
37.5°	791.4
40°	742.5
42.5°	690.7
45°	638.8
47.5°	587.0
50°	529.5
52.5°	474.9
55°	417.3
57.5°	362.6
60°	307.9
62.5°	253.3
65°	204.3
67.5°	158.3
70°	118.1
72.5°	80.6
75°	49.0
77.5°	23.0
80°	5.8
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)