

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: P857648

Luminaire Tested: **LX4C30D010 EX4C309835 4LBSH**

Issue Date: 2/14/2022



Test Information

Test Method: LM-79-08
Report Number: P857648
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 EX4C309835 4LBSH
Description:
Light Source: -
Ballast/Driver: -

Summary

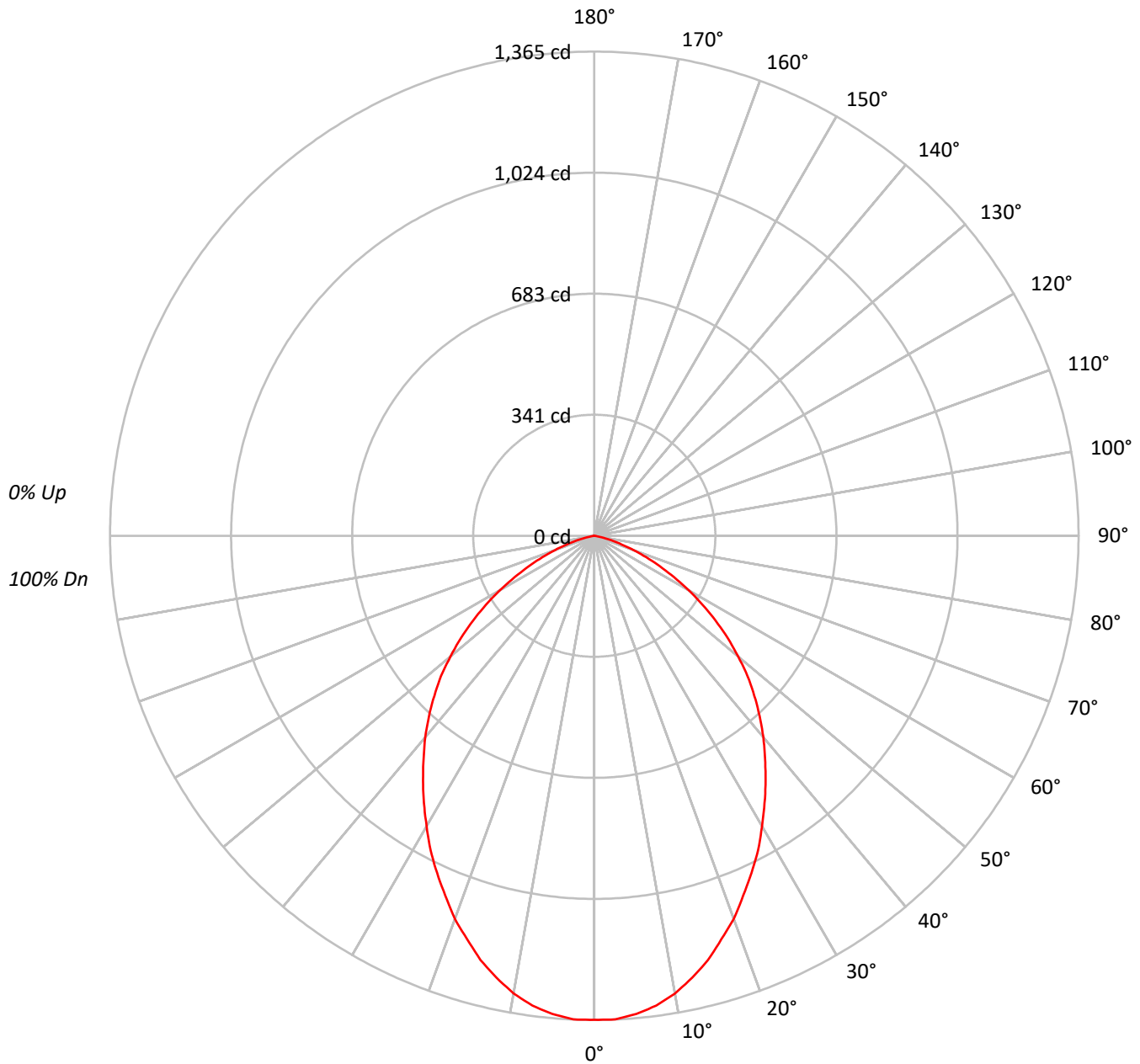
Lumens per Lamp: N/A
Luminaire Lumens: 2609.2 lumens
Efficiency: N/A
Efficacy: 82.6 lumens/watt
Spacing Criteria (0/90/45): 1.06 / 1.06 / 1.17
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	111	107	104	101	108	105	102	99	101	98	96	97	95	93	93	92	90	88		
2	102	96	90	85	100	94	88	84	90	86	82	87	83	80	84	81	79	77		
3	95	85	78	73	92	84	77	72	81	75	71	78	74	70	76	72	69	67		
4	87	77	69	63	85	75	68	63	73	67	62	71	65	61	69	64	60	58		
5	81	69	61	55	79	68	61	55	66	60	55	64	59	54	63	58	53	51		
6	75	63	55	49	73	62	54	49	60	54	49	59	53	48	57	52	48	46		
7	70	58	50	44	68	57	49	44	55	49	44	54	48	43	53	47	43	41		
8	65	53	45	40	64	52	45	40	51	44	39	50	44	39	49	43	39	37		
9	61	49	41	36	60	48	41	36	47	40	36	46	40	36	45	40	35	34		
10	58	45	38	33	56	45	38	33	44	37	33	43	37	33	42	37	33	31		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	167646
5°	166868
10°	163433
15°	157483
20°	150244
25°	142142
30°	134085
35°	126235
40°	118869
45°	110812
50°	101029
55°	89231
60°	75530
65°	59273
70°	42314
75°	23211
80°	4103
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	127.8	4.9
10°-20°	347.4	13.3
20°-30°	482.5	18.5
30°-40°	526.5	20.2
40°-50°	491.2	18.8
50°-60°	372.8	14.3
60°-70°	204.1	7.8
70°-80°	56.2	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°	957.7	36.7
0°-40°	1484.2	56.9
0°-60°	2348.2	90.0
0°-90°	2609.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2609.2	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1365	
5°	1353	128
15°	1238	347
25°	1049	482
35°	842	526
45°	638	491
55°	417	373
65°	204	204
75°	49	56
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1364.6
2.5°	1364.6
5°	1353.1
7.5°	1335.9
10°	1310.1
12.5°	1275.6
15°	1238.2
17.5°	1192.3
20°	1149.2
22.5°	1097.5
25°	1048.6
27.5°	999.8
30°	945.2
32.5°	893.4
35°	841.7
37.5°	790.0
40°	741.2
42.5°	689.5
45°	637.8
47.5°	586.1
50°	528.6
52.5°	474.0
55°	416.6
57.5°	362.0
60°	307.4
62.5°	252.8
65°	203.9
67.5°	158.0
70°	117.8
72.5°	80.4
75°	48.9
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)