

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: P857616

Luminaire Tested: **LX4C30D010 EX4C309827 4LBMDH**

Issue Date: 2/18/2022



Test Information

Test Method: LM-79-08
Report Number: P857616
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2105-247-9)
Test Lab: INNOVATION CENTER
Issue Date: 2/18/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C30D010 EX4C309827 4LBMDH
Description:
Light Source: -
Ballast/Driver: -

Summary

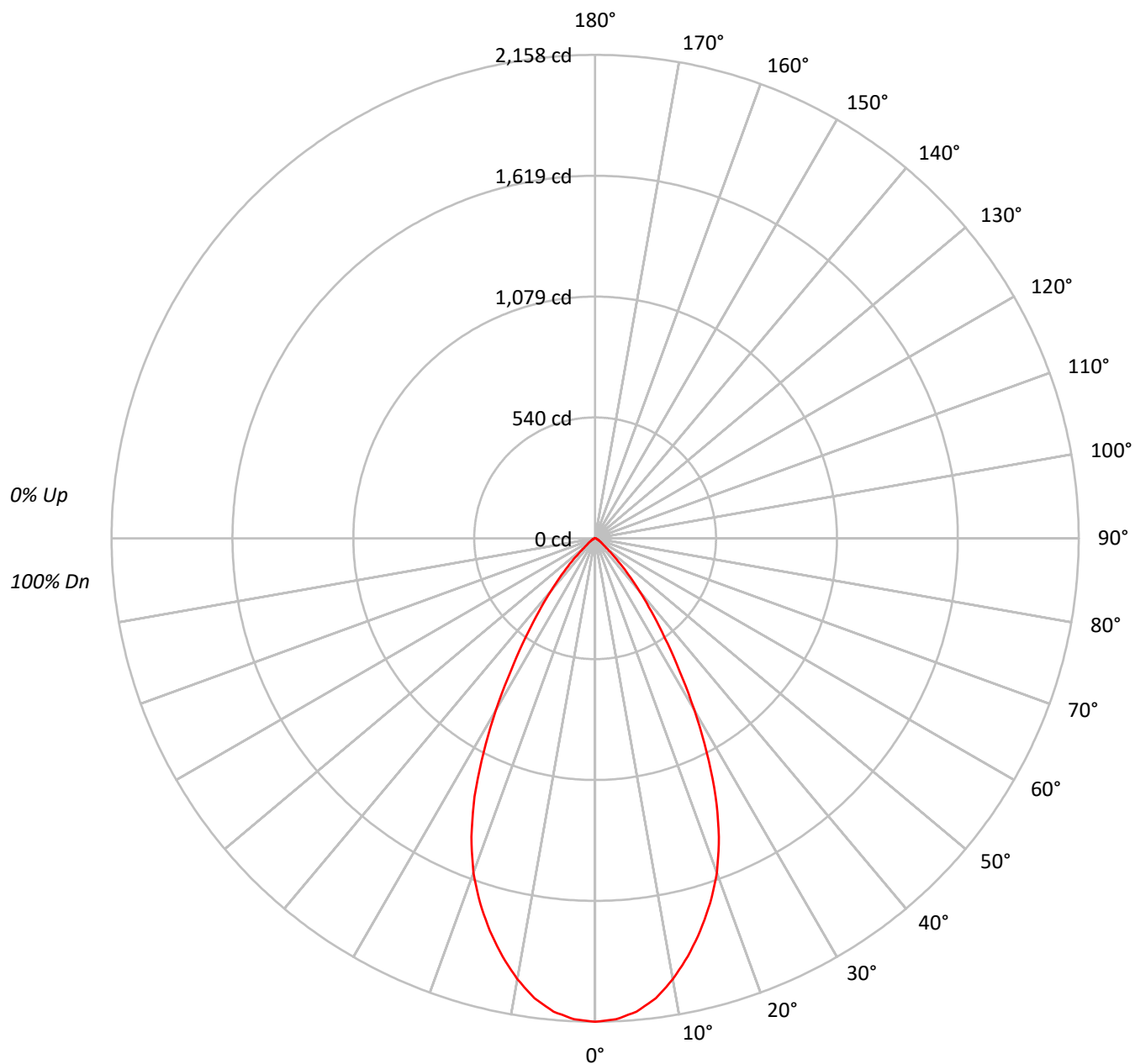
Lumens per Lamp: N/A
Luminaire Lumens: 1791.6 lumens
Efficiency: N/A
Efficacy: 56.7 lumens/watt
Spacing Criteria (0/90/45): 0.86 / 0.86 / 0.83
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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	113	111	108	106	111	109	106	104	104	103	101		101	99	98		97
2	108	103	99	95	106	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	73	68	64	72	67	63		71	66	63		70
8	79	70	64	60	78	69	63	60	68	63	59		67	62	59		66
9	76	66	60	56	74	65	60	56	64	59	56		64	59	56		63
10	72	62	57	53	71	62	56	53	61	56	53		60	56	52		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	265155
5°	261568
10°	249298
15°	230692
20°	207664
25°	172519
30°	125418
35°	81287
40°	49203
45°	25366
50°	11487
55°	6918
60°	4644
65°	3314
70°	2514
75°	1661
80°	1061
85°	705



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	198.6	11.1
10°-20°	506.1	28.3
20°-30°	572.3	31.9
30°-40°	345.9	19.3
40°-50°	121.2	6.8
50°-60°	31.0	1.7
60°-70°	11.9	0.7
70°-80°	4.0	0.2
80°-90°	0.6	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°	1277.0	71.3
0°-40°	1622.9	90.6
0°-60°	1775.1	99.1
0°-90°	1791.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1791.6	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2158	
5°	2121	199
15°	1814	506
25°	1273	572
35°	542	346
45°	146	121
55°	32	31
65°	11	12
75°	4	4
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	2158.3
2.5°	2149.3
5°	2121.0
7.5°	2070.9
10°	1998.4
12.5°	1911.1
15°	1813.8
17.5°	1707.1
20°	1588.4
22.5°	1442.9
25°	1272.7
27.5°	1077.7
30°	884.1
32.5°	698.9
35°	542.0
37.5°	411.0
40°	306.8
42.5°	220.3
45°	146.0
47.5°	89.9
50°	60.1
52.5°	43.2
55°	32.3
57.5°	24.8
60°	18.9
62.5°	14.9
65°	11.4
67.5°	8.9
70°	7.0
72.5°	5.0
75°	3.5
77.5°	2.5
80°	1.5
82.5°	1.0
85°	0.5
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)