

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: P857043

Luminaire Tested: **LX4C15D010 EX4C159830 4LBWH**

Issue Date: 2/8/2022



Test Information

Test Method: LM-79-08
Report Number: P857043
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: LX4C15D010 EX4C159830 4LBWH
Description:
Light Source: -
Ballast/Driver: -

Summary

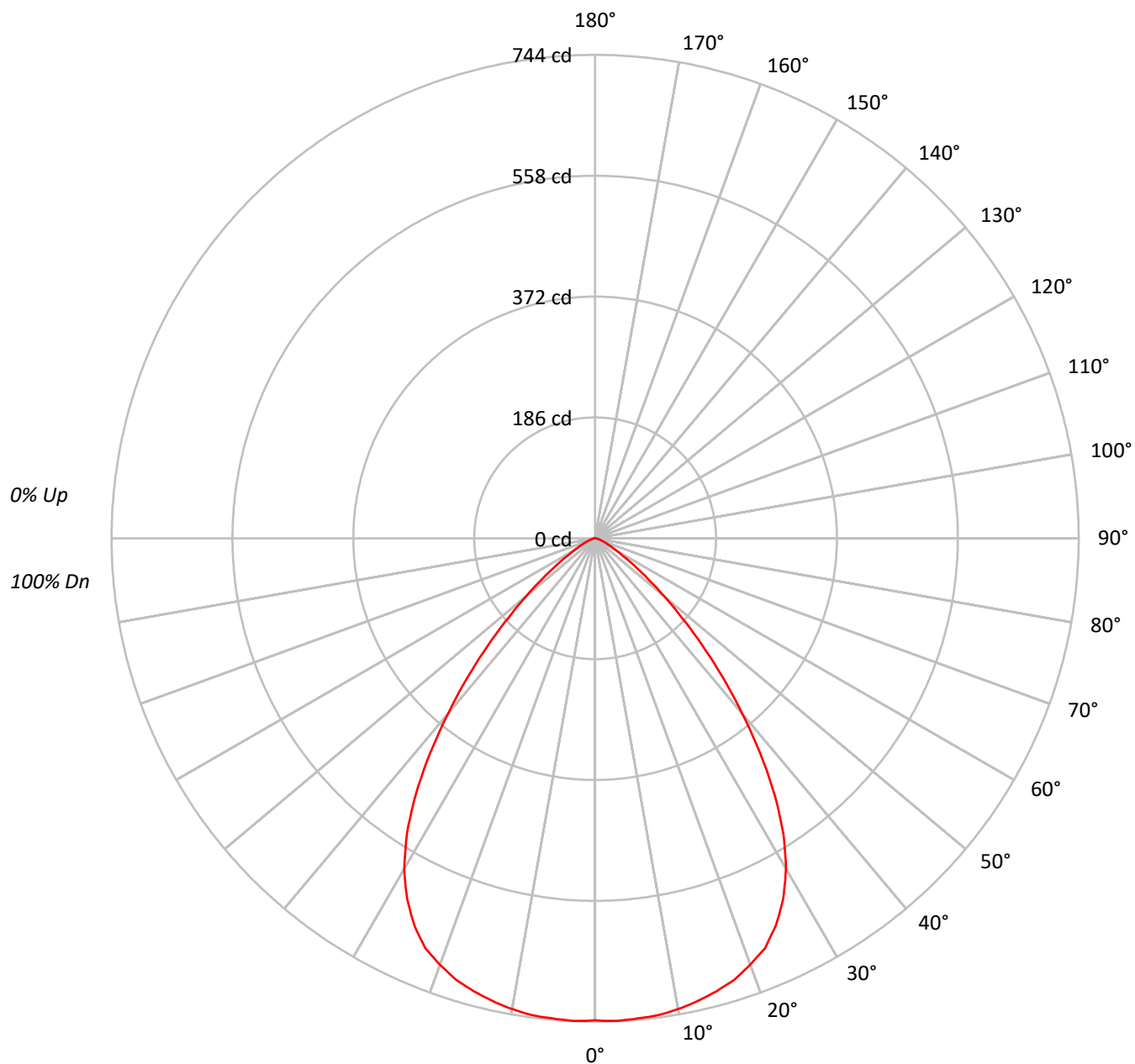
Lumens per Lamp: N/A
Luminaire Lumens: 1151.2 lumens
Efficiency: N/A
Efficacy: 72.9 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.18 / 1.13
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 15.8
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	112	109	106	104		110	107	104	102		103	101	99		99	97	96		96	94	93
2	105	100	95	91		103	98	93	90		95	91	88		91	88	86		89	86	84
3	99	91	85	80		97	90	84	80		87	82	78		84	80	77		82	79	76
4	92	83	77	72		90	82	76	71		80	75	70		78	73	70		76	72	69
5	87	77	70	65		85	76	69	64		74	68	64		72	67	63		70	66	62
6	81	71	64	58		80	70	63	58		68	62	58		67	61	57		65	61	57
7	76	65	58	53		75	65	58	53		63	57	53		62	56	52		61	56	52
8	72	60	53	49		70	60	53	49		59	53	48		58	52	48		57	52	48
9	68	56	49	45		66	56	49	45		55	49	44		54	48	44		53	48	44
10	64	52	46	41		63	52	46	41		51	45	41		50	45	41		49	44	41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	91157
5°	91505
10°	91790
15°	91791
20°	91281
25°	89154
30°	83328
35°	72154
40°	56355
45°	40430
50°	26280
55°	15721
60°	9214
65°	5901
70°	3951
75°	2943
80°	2193
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.7	6.1
10°-20°	203.6	17.7
20°-30°	300.5	26.1
30°-40°	296.5	25.8
40°-50°	181.4	15.8
50°-60°	69.6	6.0
60°-70°	21.8	1.9
70°-80°	6.4	0.6
80°-90°	0.9	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°	574.7	49.9
0°-40°	871.2	75.7
0°-60°	1122.2	97.5
0°-90°	1151.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1151.2	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	742	
5°	742	71
15°	722	204
25°	658	300
35°	481	297
45°	233	181
55°	73	70
65°	20	22
75°	6	6
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	742.0
2.5°	743.6
5°	742.0
7.5°	740.5
10°	735.8
12.5°	729.5
15°	721.7
17.5°	712.3
20°	698.2
22.5°	682.7
25°	657.7
27.5°	626.4
30°	587.4
32.5°	539.0
35°	481.1
37.5°	417.1
40°	351.4
42.5°	290.5
45°	232.7
47.5°	181.2
50°	137.5
52.5°	101.6
55°	73.4
57.5°	51.5
60°	37.5
62.5°	28.2
65°	20.3
67.5°	15.6
70°	11.0
72.5°	7.8
75°	6.2
77.5°	3.1
80°	3.1
82.5°	1.6
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)