

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: P857866

Luminaire Tested: **LX4C35D010 EX4C359840 4LBWH**

Issue Date: 2/8/2022



Test Information

Test Method: LM-79-08
Report Number: P857866
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: LX4C35D010 EX4C359840 4LBWH
Description:
Light Source: -
Ballast/Driver: -

Summary

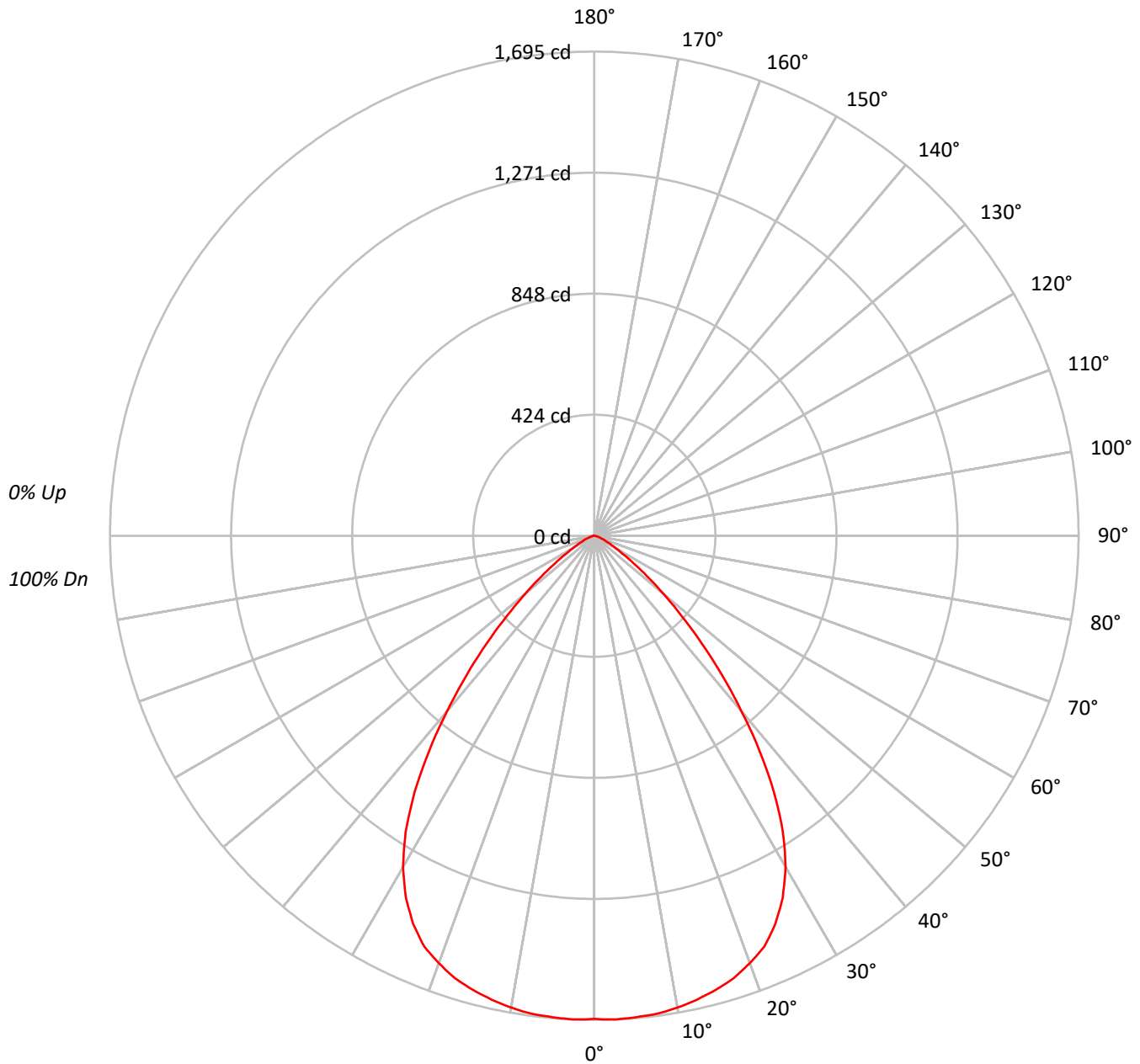
Lumens per Lamp: N/A
Luminaire Lumens: 2624.5 lumens
Efficiency: N/A
Efficacy: 65.0 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.18 / 1.13
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 40.4
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°	207807
5°	208600
10°	209241
15°	209261
20°	208109
25°	203236
30°	189949
35°	164494
40°	128492
45°	92204
50°	59899
55°	35855
60°	20983
65°	13488
70°	8980
75°	6788
80°	5023
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	161.1	6.1
10°-20°	464.2	17.7
20°-30°	684.9	26.1
30°-40°	675.9	25.8
40°-50°	413.7	15.8
50°-60°	158.6	6.0
60°-70°	49.6	1.9
70°-80°	14.5	0.6
80°-90°	1.9	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°	1310.2	49.9
0°-40°	1986.1	75.7
0°-60°	2558.4	97.5
0°-90°	2624.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2624.5	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1692	
5°	1692	161
15°	1645	464
25°	1499	685
35°	1097	676
45°	531	414
55°	167	159
65°	46	50
75°	14	15
85°	0	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1691.5
2.5°	1695.1
5°	1691.5
7.5°	1688.0
10°	1677.3
12.5°	1663.1
15°	1645.3
17.5°	1623.9
20°	1591.8
22.5°	1556.3
25°	1499.3
27.5°	1427.9
30°	1339.0
32.5°	1228.6
35°	1096.8
37.5°	950.8
40°	801.2
42.5°	662.4
45°	530.7
47.5°	413.1
50°	313.4
52.5°	231.5
55°	167.4
57.5°	117.4
60°	85.4
62.5°	64.2
65°	46.4
67.5°	35.7
70°	25.0
72.5°	17.8
75°	14.3
77.5°	7.1
80°	7.1
82.5°	3.6
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)