

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: P857851

Luminaire Tested: **LX4C35D010 EX4C359835 4LBSLI**

Issue Date: 2/9/2022



Test Information

Test Method: LM-79-08
Report Number: P857851
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P208407)
Test Lab: INNOVATION CENTER
Issue Date: 2/9/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C35D010 EX4C359835 4LBSLI
Description:
Light Source: -
Ballast/Driver: -

Summary

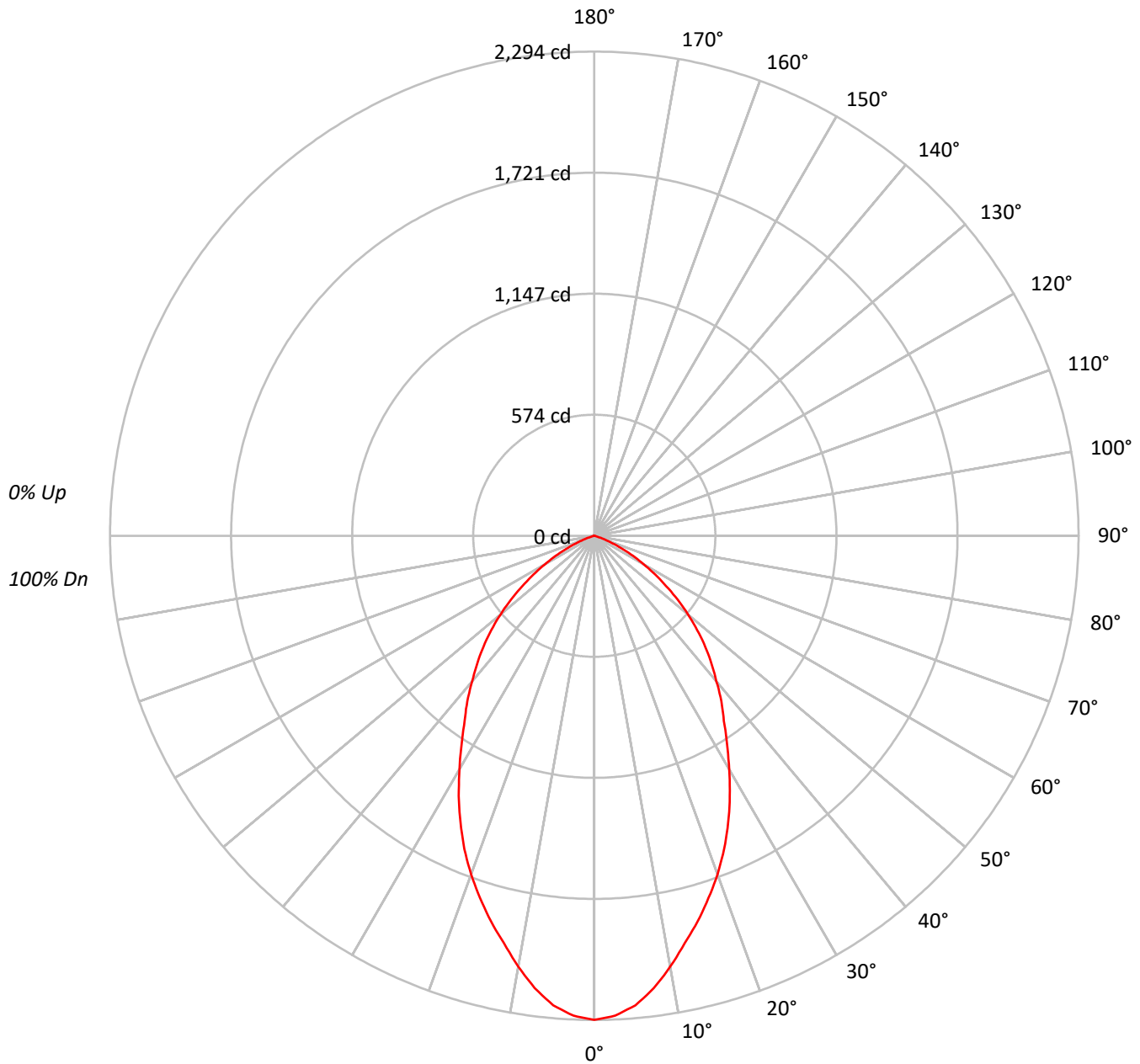
Lumens per Lamp: N/A
Luminaire Lumens: 3212.1 lumens
Efficiency: N/A
Efficacy: 79.5 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 1
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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	108	105	102		109	106	103	101		102	100	98		98	96	95		95	93	92
2	104	98	93	88		102	96	91	87		93	89	85		90	86	84		87	84	82
3	97	89	82	77		95	87	81	77		84	79	75		82	78	74		79	76	73
4	90	81	73	68		88	79	73	68		77	71	67		75	70	66		73	69	65
5	84	73	66	61		82	72	65	60		70	64	60		69	63	59		67	62	59
6	79	67	60	54		77	66	59	54		65	58	54		63	58	53		62	57	53
7	74	62	54	49		72	61	54	49		60	53	49		58	53	48		57	52	48
8	69	57	50	45		68	57	50	45		55	49	45		54	49	44		53	48	44
9	65	53	46	41		64	53	46	41		52	45	41		51	45	41		50	44	41
10	61	50	43	38		60	49	42	38		48	42	38		47	42	38		46	41	37

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	281777
5°	275380
10°	258604
15°	240600
20°	223144
25°	203412
30°	181097
35°	160520
40°	144272
45°	129124
50°	110758
55°	89102
60°	66390
65°	42383
70°	20438
75°	3370
80°	2547
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	208.0	6.5
10°-20°	530.4	16.5
20°-30°	687.3	21.4
30°-40°	673.4	21.0
40°-50°	570.8	17.8
50°-60°	374.2	11.6
60°-70°	150.4	4.7
70°-80°	17.2	0.5
80°-90°	0.5	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°	1425.6	44.4
0°-40°	2099.0	65.3
0°-60°	3044.0	94.8
0°-90°	3212.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3212.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2294	
5°	2233	208
15°	1892	530
25°	1501	687
35°	1070	673
45°	743	571
55°	416	374
65°	146	150
75°	7	17
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	2293.6
2.5°	2275.7
5°	2233.0
7.5°	2161.9
10°	2073.0
12.5°	1977.0
15°	1891.7
17.5°	1799.3
20°	1706.8
22.5°	1607.3
25°	1500.6
27.5°	1390.3
30°	1276.6
32.5°	1169.9
35°	1070.3
37.5°	988.6
40°	899.6
42.5°	821.4
45°	743.2
47.5°	661.4
50°	579.5
52.5°	497.9
55°	416.0
57.5°	341.4
60°	270.2
62.5°	206.2
65°	145.8
67.5°	96.0
70°	56.9
72.5°	24.9
75°	7.1
77.5°	3.6
80°	3.6
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)