

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: P857876

Luminaire Tested: **LX4C35D010 EX4C359850 4LBSH**

Issue Date: 2/14/2022



Test Information

Test Method: LM-79-08
Report Number: P857876
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: LX4C35D010 EX4C359850 4LBSH
Description:
Light Source: -
Ballast/Driver: -

Summary

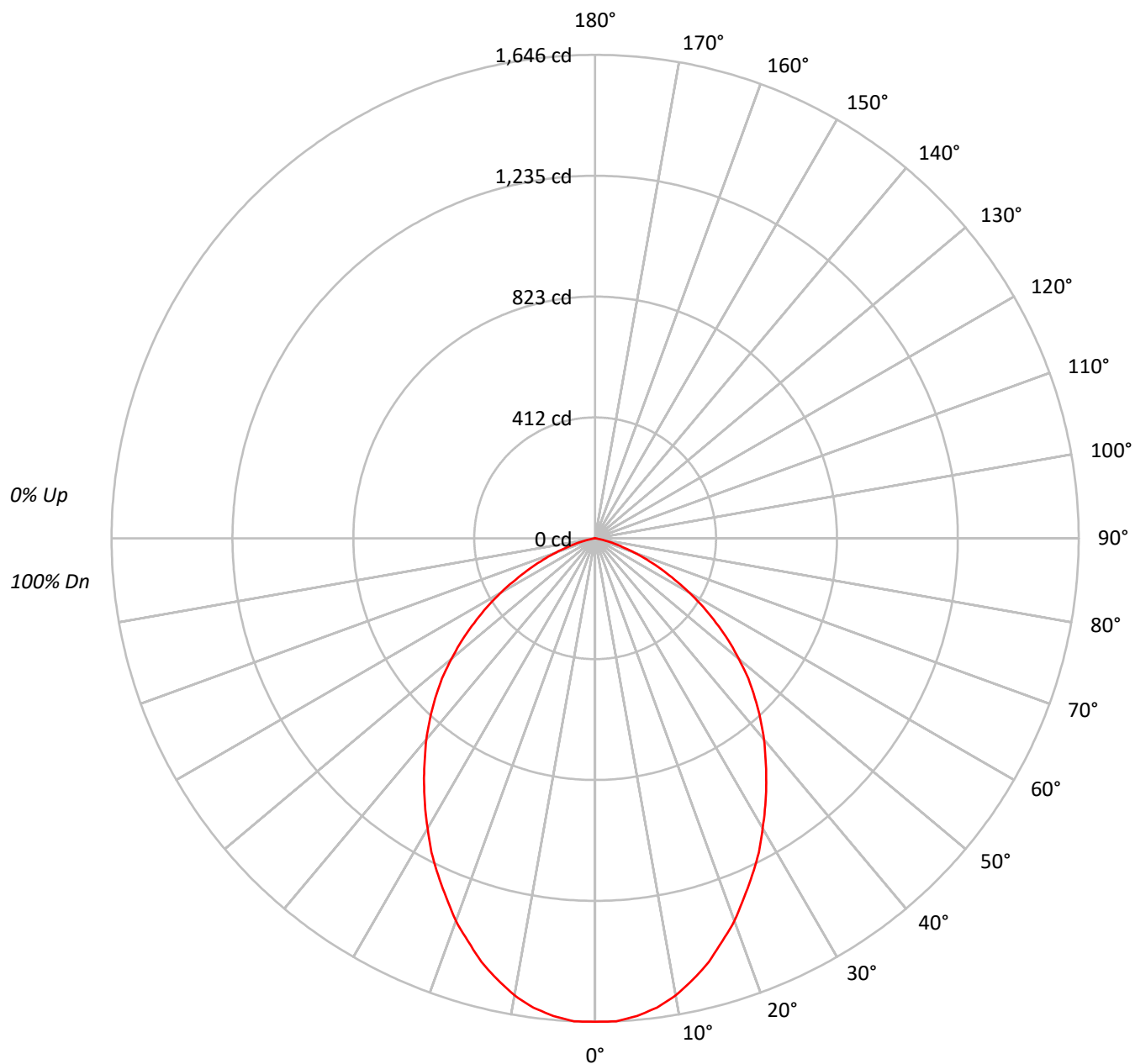
Lumens per Lamp: N/A
Luminaire Lumens: 3147.9 lumens
Efficiency: N/A
Efficacy: 77.9 lumens/watt
Spacing Criteria (0/90/45): 1.06 / 1.06 / 1.17
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	202254
5°	201312
10°	197153
15°	189992
20°	181255
25°	171476
30°	161762
35°	152301
40°	143390
45°	133676
50°	121900
55°	107651
60°	91133
65°	71540
70°	51042
75°	27958
80°	4952
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	154.2	4.9
10°-20°	419.1	13.3
20°-30°	582.1	18.5
30°-40°	635.2	20.2
40°-50°	592.5	18.8
50°-60°	449.8	14.3
60°-70°	246.3	7.8
70°-80°	67.7	2.2
80°-90°	0.9	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°	1155.4	36.7
0°-40°	1790.6	56.9
0°-60°	2832.9	90.0
0°-90°	3147.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3147.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1646	
5°	1632	154
15°	1494	419
25°	1265	582
35°	1016	635
45°	769	593
55°	503	450
65°	246	246
75°	59	68
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1646.3
2.5°	1646.3
5°	1632.4
7.5°	1611.7
10°	1580.4
12.5°	1538.9
15°	1493.8
17.5°	1438.4
20°	1386.4
22.5°	1324.0
25°	1265.0
27.5°	1206.2
30°	1140.3
32.5°	1077.8
35°	1015.5
37.5°	953.1
40°	894.1
42.5°	831.8
45°	769.4
47.5°	707.1
50°	637.8
52.5°	571.9
55°	502.6
57.5°	436.7
60°	370.9
62.5°	305.1
65°	246.1
67.5°	190.6
70°	142.1
72.5°	97.0
75°	58.9
77.5°	27.7
80°	7.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)