

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: P857863

Luminaire Tested: **LX4C35D010 EX4C359840 4LBSH**

Issue Date: 2/14/2022



Test Information

Test Method: LM-79-08
Report Number: P857863
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 EX4C359840 4LBSH
Description:
Light Source: -
Ballast/Driver: -

Summary

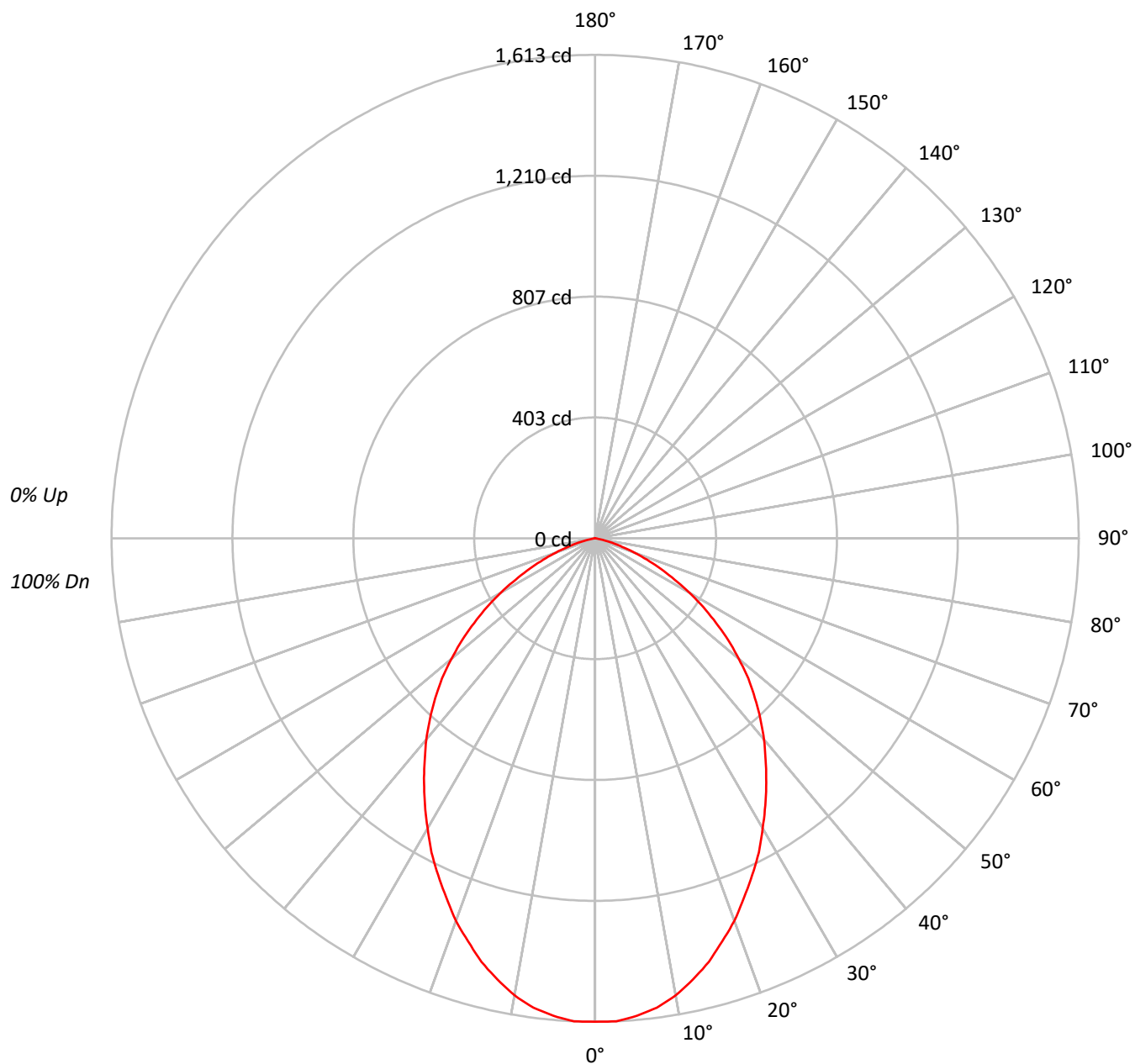
Lumens per Lamp: N/A
Luminaire Lumens: 3084.6 lumens
Efficiency: N/A
Efficacy: 76.4 lumens/watt
Spacing Criteria (0/90/45): 1.06 / 1.06 / 1.17
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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	30	10
RCR																				
0	119	119	119	119	116	116	116	116		111	111	111		106	106	106		102	102	102
1	111	107	104	101	108	105	102	99		101	98	96		97	95	93		93	92	90
2	102	96	90	85	100	94	88	84		90	86	82		87	83	80		84	81	79
3	95	85	78	73	92	84	77	72		81	75	71		78	74	70		76	72	69
4	87	77	69	63	85	75	68	63		73	67	62		71	65	61		69	64	60
5	81	69	61	55	79	68	61	55		66	60	55		64	59	54		63	58	53
6	75	63	55	49	73	62	54	49		60	54	49		59	53	48		57	52	48
7	70	58	50	44	68	57	49	44		55	49	44		54	48	43		53	47	43
8	65	53	45	40	64	52	45	40		51	44	39		50	44	39		49	43	39
9	61	49	41	36	60	48	41	36		47	40	36		46	40	36		45	40	35
10	58	45	38	33	56	45	38	33		44	37	33		43	37	33		42	37	33

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	198187
5°	197267
10°	193198
15°	186177
20°	177607
25°	168033
30°	158513
35°	149242
40°	140520
45°	131001
50°	119435
55°	105488
60°	89290
65°	70087
70°	50036
75°	27436
80°	4882
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	151.1	4.9
10°-20°	410.7	13.3
20°-30°	570.4	18.5
30°-40°	622.4	20.2
40°-50°	580.6	18.8
50°-60°	440.7	14.3
60°-70°	241.3	7.8
70°-80°	66.4	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°	1132.2	36.7
0°-40°	1754.6	56.9
0°-60°	2775.9	90.0
0°-90°	3084.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3084.6	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1613	
5°	1600	151
15°	1464	411
25°	1240	570
35°	995	622
45°	754	581
55°	492	441
65°	241	241
75°	58	66
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1613.2
2.5°	1613.2
5°	1599.6
7.5°	1579.3
10°	1548.7
12.5°	1507.9
15°	1463.8
17.5°	1409.5
20°	1358.5
22.5°	1297.3
25°	1239.6
27.5°	1181.9
30°	1117.4
32.5°	1056.2
35°	995.1
37.5°	933.9
40°	876.2
42.5°	815.1
45°	754.0
47.5°	692.8
50°	624.9
52.5°	560.4
55°	492.5
57.5°	427.9
60°	363.4
62.5°	298.9
65°	241.1
67.5°	186.7
70°	139.3
72.5°	95.1
75°	57.8
77.5°	27.1
80°	6.9
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)