

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: P857837

Luminaire Tested: **LX4C35D010 EX4C359830 4LBSH**

Issue Date: 2/14/2022



Test Information

Test Method: LM-79-08
Report Number: P857837
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 EX4C359830 4LBSH
Description:
Light Source: -
Ballast/Driver: -

Summary

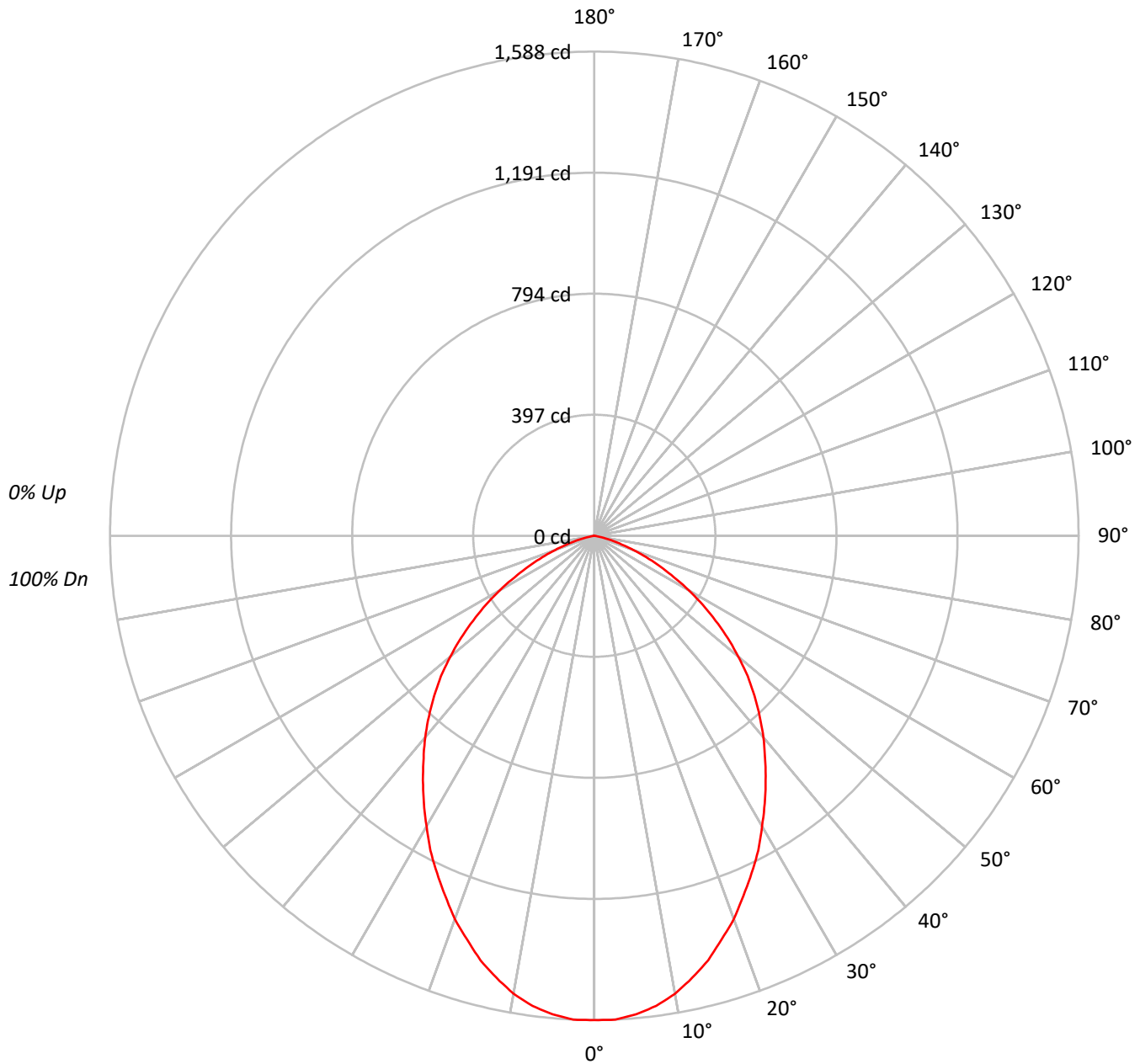
Lumens per Lamp: N/A
Luminaire Lumens: 3037.3 lumens
Efficiency: N/A
Efficacy: 75.2 lumens/watt
Spacing Criteria (0/90/45): 1.06 / 1.06 / 1.17
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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°	195153
5°	194246
10°	190242
15°	183315
20°	174888
25°	165457
30°	156073
35°	146947
40°	138371
45°	128985
50°	117619
55°	103860
60°	87939
65°	69040
70°	49246
75°	27009
80°	4740
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	148.8	4.9
10°-20°	404.4	13.3
20°-30°	561.6	18.5
30°-40°	612.9	20.2
40°-50°	571.7	18.8
50°-60°	433.9	14.3
60°-70°	237.6	7.8
70°-80°	65.4	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°	1114.8	36.7
0°-40°	1727.7	56.9
0°-60°	2733.4	90.0
0°-90°	3037.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3037.3	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1588	
5°	1575	149
15°	1441	404
25°	1221	562
35°	980	613
45°	742	572
55°	485	434
65°	238	238
75°	57	65
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1588.5
2.5°	1588.5
5°	1575.1
7.5°	1555.1
10°	1525.0
12.5°	1484.8
15°	1441.3
17.5°	1387.9
20°	1337.7
22.5°	1277.5
25°	1220.6
27.5°	1163.8
30°	1100.2
32.5°	1040.0
35°	979.8
37.5°	919.7
40°	862.8
42.5°	802.6
45°	742.4
47.5°	682.2
50°	615.4
52.5°	551.8
55°	484.9
57.5°	421.3
60°	357.9
62.5°	294.3
65°	237.5
67.5°	183.9
70°	137.1
72.5°	93.6
75°	56.9
77.5°	26.8
80°	6.7
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)