

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: P857824

Luminaire Tested: **LX4C35D010 EX4C359827 4LBSH**

Issue Date: 2/14/2022



Test Information

Test Method: LM-79-08
Report Number: P857824
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 EX4C359827 4LBSH
Description:
Light Source: -
Ballast/Driver: -

Summary

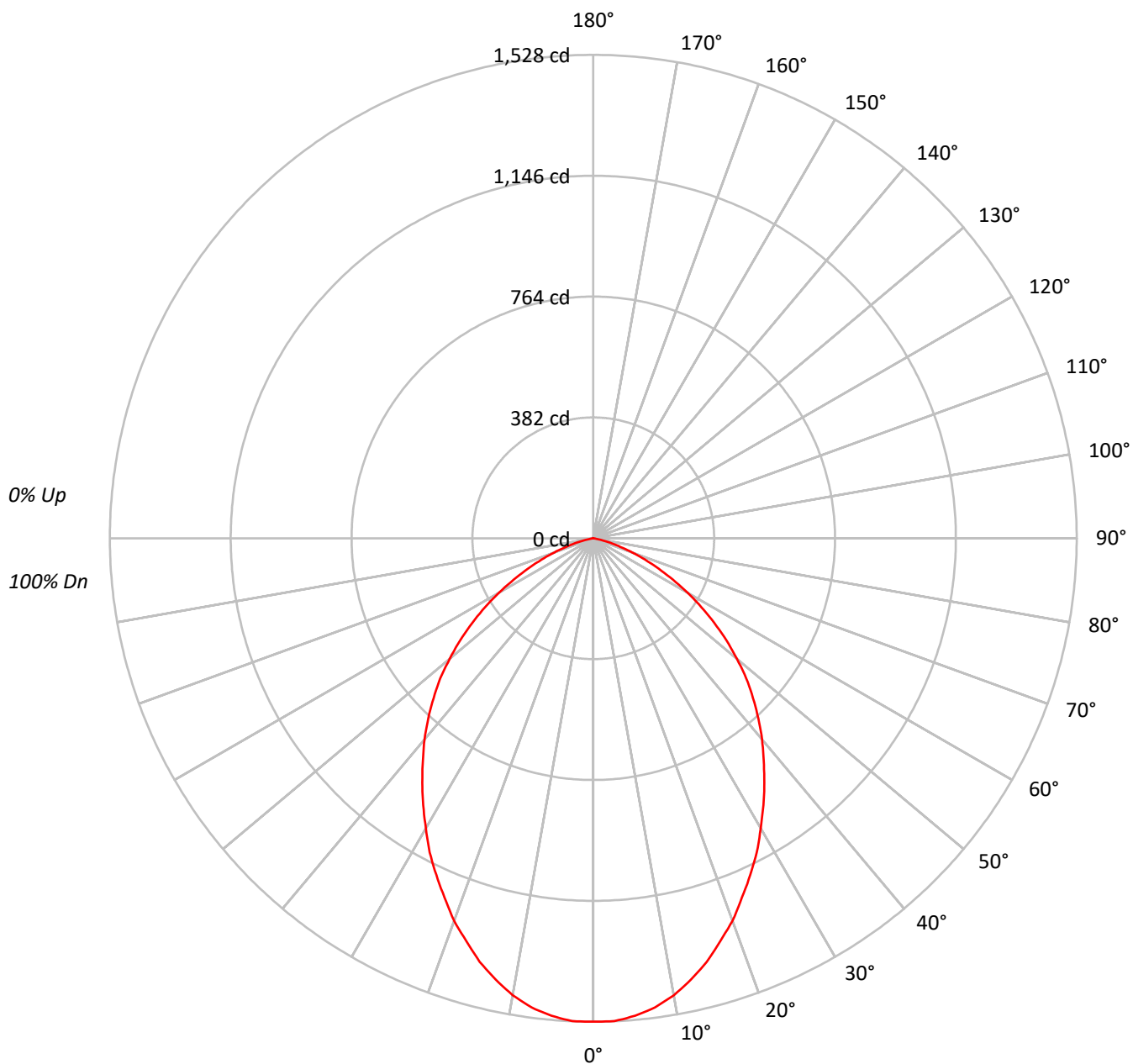
Lumens per Lamp: N/A
Luminaire Lumens: 2921.3 lumens
Efficiency: N/A
Efficacy: 72.3 lumens/watt
Spacing Criteria (0/90/45): 1.06 / 1.06 / 1.17
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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°	187696
5°	186834
10°	182969
15°	176320
20°	168207
25°	159140
30°	150115
35°	141338
40°	133094
45°	124051
50°	113108
55°	99898
60°	84572
65°	66395
70°	47378
75°	25964
80°	4599
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	143.1	4.9
10°-20°	389.0	13.3
20°-30°	540.2	18.5
30°-40°	589.5	20.2
40°-50°	549.9	18.8
50°-60°	417.4	14.3
60°-70°	228.5	7.8
70°-80°	62.9	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°	1072.3	36.7
0°-40°	1661.8	56.9
0°-60°	2629.0	90.0
0°-90°	2921.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2921.3	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1528	
5°	1515	143
15°	1386	389
25°	1174	540
35°	942	589
45°	714	550
55°	466	417
65°	228	229
75°	55	63
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1527.8
2.5°	1527.8
5°	1515.0
7.5°	1495.7
10°	1466.7
12.5°	1428.2
15°	1386.3
17.5°	1334.9
20°	1286.6
22.5°	1228.7
25°	1174.0
27.5°	1119.4
30°	1058.2
32.5°	1000.4
35°	942.4
37.5°	884.5
40°	829.9
42.5°	772.0
45°	714.0
47.5°	656.1
50°	591.8
52.5°	530.7
55°	466.4
57.5°	405.3
60°	344.2
62.5°	283.0
65°	228.4
67.5°	176.9
70°	131.9
72.5°	90.1
75°	54.7
77.5°	25.7
80°	6.5
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)