

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: P857280

Luminaire Tested: **LX4C20D010 EX4C209850 4LBMDH**

Issue Date: 2/18/2022



Test Information

Test Method: LM-79-08
Report Number: P857280
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2105-247-9)
Test Lab: INNOVATION CENTER
Issue Date: 2/18/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C20D010 EX4C209850 4LBMDH
Description:
Light Source: -
Ballast/Driver: -

Summary

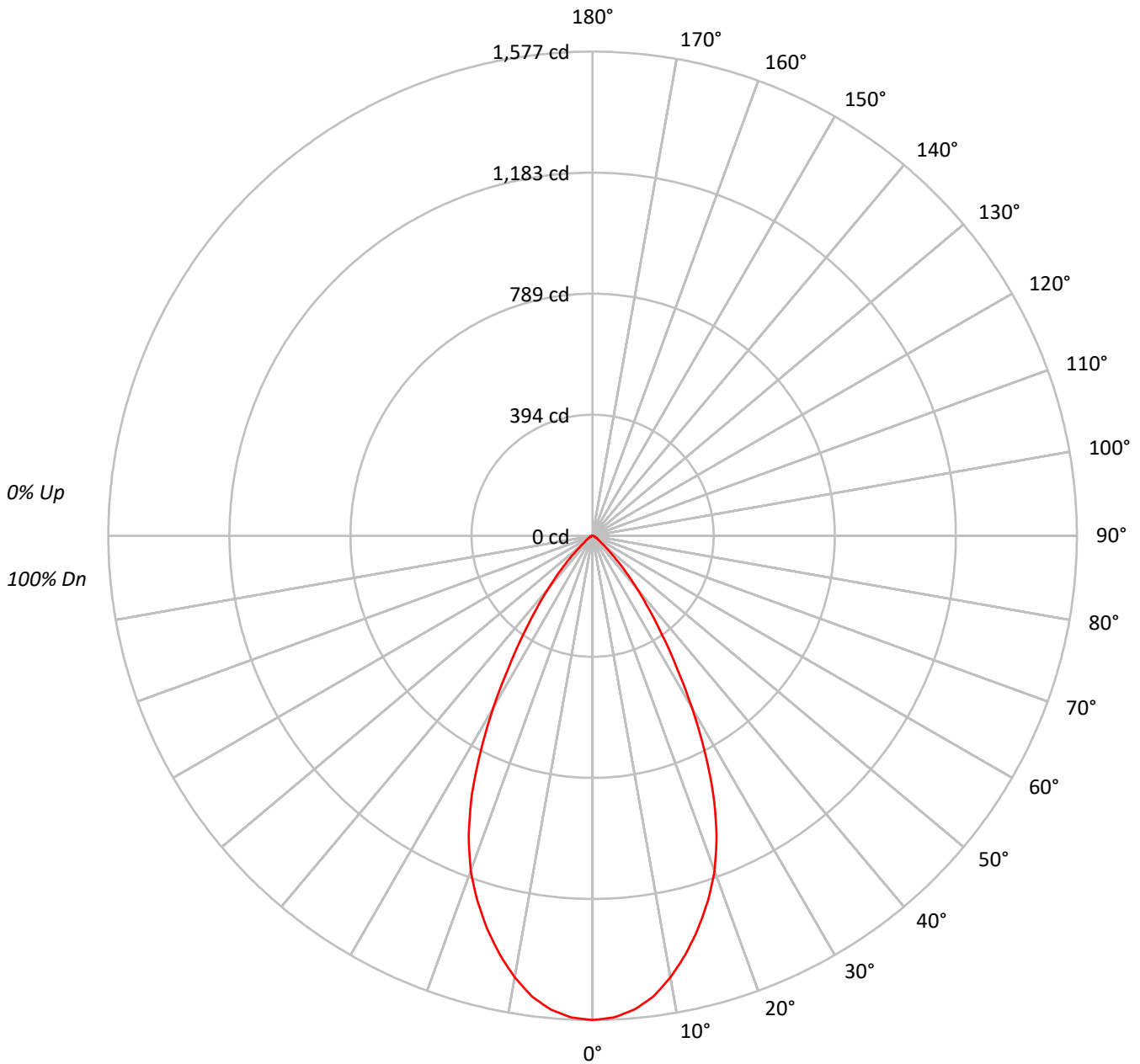
Lumens per Lamp: N/A
Luminaire Lumens: 1309.1 lumens
Efficiency: N/A
Efficacy: 60.1 lumens/watt
Spacing Criteria (0/90/45): 0.86 / 0.86 / 0.83
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 21.8
Input Voltage (V):
Input Current (A_{in}): 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			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			
1	113	111	108	106	111	109	106	104	104	103	101	101	99	98	97	96	95	93			
2	108	103	99	95	106	101	97	94	98	95	92	95	92	90	92	90	88	87			
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	84	82	81			
4	97	90	84	80	95	88	83	79	86	82	78	84	80	77	82	79	77	75			
5	92	84	78	74	91	83	77	73	81	76	73	79	75	72	78	74	71	70			
6	88	79	73	68	86	78	72	68	76	71	68	75	71	67	74	70	67	65			
7	83	74	68	64	82	73	68	64	72	67	63	71	66	63	70	66	63	61			
8	79	70	64	60	78	69	63	60	68	63	59	67	62	59	66	62	59	57			
9	76	66	60	56	74	65	60	56	64	59	56	64	59	56	63	58	55	54			
10	72	62	57	53	71	62	56	53	61	56	53	60	56	52	60	55	52	51			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	193740
5°	191126
10°	182158
15°	168561
20°	151748
25°	126065
30°	91641
35°	59406
40°	35956
45°	18538
50°	8390
55°	5033
60°	3391
65°	2442
70°	1832
75°	1187
80°	778
85°	564



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	145.1	11.1
10°-20°	369.8	28.3
20°-30°	418.2	31.9
30°-40°	252.7	19.3
40°-50°	88.5	6.8
50°-60°	22.6	1.7
60°-70°	8.7	0.7
70°-80°	2.9	0.2
80°-90°	0.4	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°	933.1	71.3
0°-40°	1185.9	90.6
0°-60°	1297.0	99.1
0°-90°	1309.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1309.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1577	
5°	1550	145
15°	1325	370
25°	930	418
35°	396	253
45°	107	89
55°	24	23
65°	8	9
75°	2	3
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1577.0
2.5°	1570.5
5°	1549.8
7.5°	1513.2
10°	1460.2
12.5°	1396.5
15°	1325.3
17.5°	1247.4
20°	1160.7
22.5°	1054.4
25°	930.0
27.5°	787.4
30°	646.0
32.5°	510.7
35°	396.1
37.5°	300.3
40°	224.2
42.5°	161.0
45°	106.7
47.5°	65.6
50°	43.9
52.5°	31.6
55°	23.5
57.5°	18.1
60°	13.8
62.5°	10.9
65°	8.4
67.5°	6.5
70°	5.1
72.5°	3.7
75°	2.5
77.5°	1.8
80°	1.1
82.5°	0.7
85°	0.4
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)