

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: P857254

Luminaire Tested: **LX4C20D010 EX4C209835 4LBMDH**

Issue Date: 2/18/2022



Test Information

Test Method: LM-79-08
Report Number: P857254
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 EX4C209835 4LBMDH
Description:
Light Source: -
Ballast/Driver: -

Summary

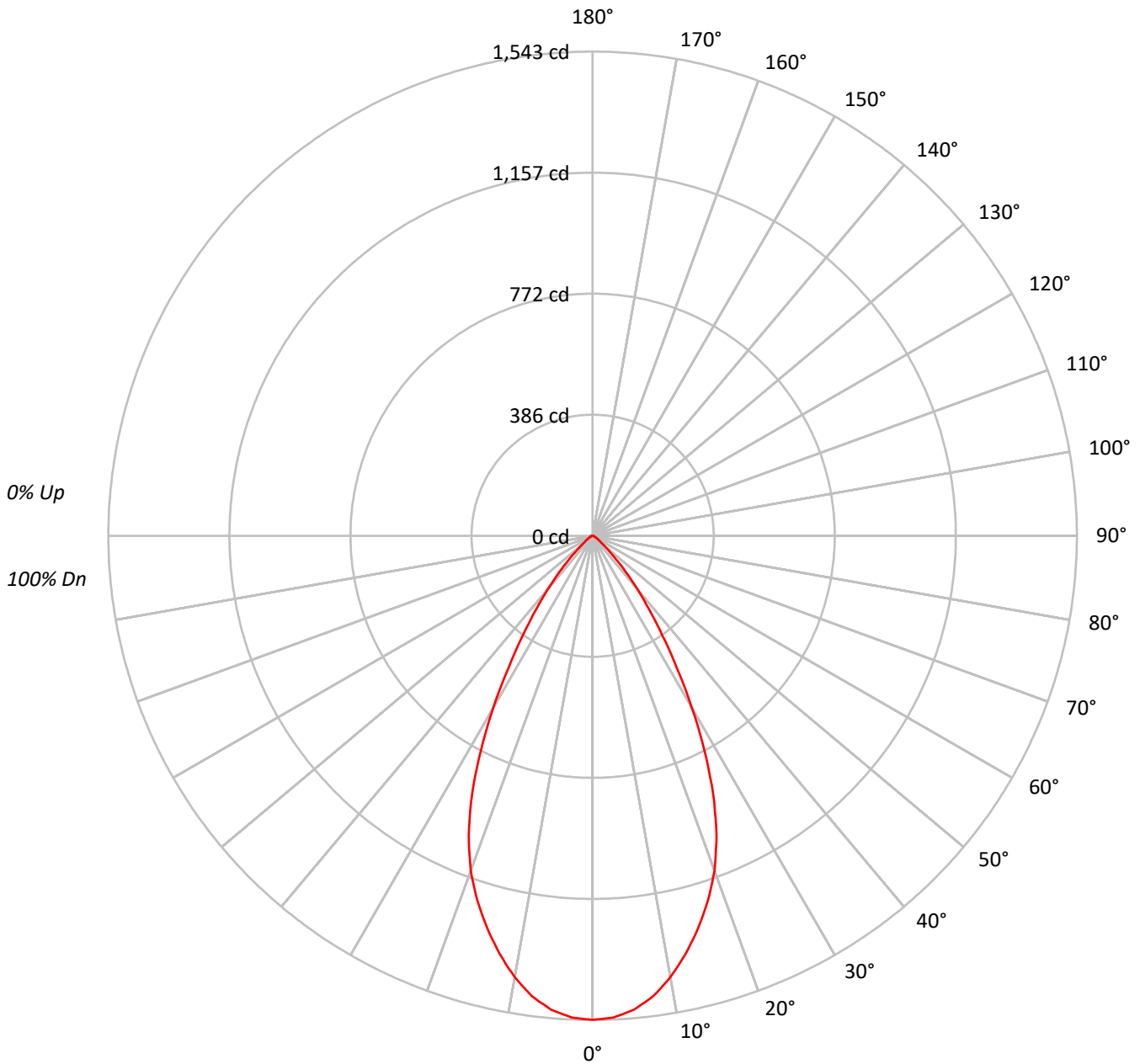
Lumens per Lamp: N/A
Luminaire Lumens: 1280.6 lumens
Efficiency: N/A
Efficacy: 58.7 lumens/watt
Spacing Criteria (0/90/45): 0.86 / 0.86 / 0.83
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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°	189526
5°	186970
10°	178191
15°	164886
20°	148440
25°	123327
30°	89641
35°	58116
40°	35170
45°	18121
50°	8199
55°	4948
60°	3317
65°	2384
70°	1796
75°	1187
80°	778
85°	564



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	141.9	11.1
10°-20°	361.8	28.2
20°-30°	409.1	31.9
30°-40°	247.2	19.3
40°-50°	86.6	6.8
50°-60°	22.2	1.7
60°-70°	8.5	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°	912.8	71.3
0°-40°	1160.0	90.6
0°-60°	1268.8	99.1
0°-90°	1280.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1280.6	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1543	
5°	1516	142
15°	1296	362
25°	910	409
35°	388	247
45°	104	87
55°	23	22
65°	8	8
75°	2	3
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1542.7
2.5°	1536.3
5°	1516.1
7.5°	1480.2
10°	1428.4
12.5°	1366.0
15°	1296.4
17.5°	1220.2
20°	1135.4
22.5°	1031.4
25°	909.8
27.5°	770.3
30°	631.9
32.5°	499.6
35°	387.5
37.5°	293.7
40°	219.3
42.5°	157.6
45°	104.3
47.5°	64.2
50°	42.9
52.5°	30.9
55°	23.1
57.5°	17.7
60°	13.5
62.5°	10.6
65°	8.2
67.5°	6.4
70°	5.0
72.5°	3.6
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)