

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: P858217

Luminaire Tested: **LX4C45D010 EX4C459827 4LBWH**

Issue Date: 2/8/2022



Test Information

Test Method: LM-79-08
Report Number: P858217
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P206636)
Test Lab: INNOVATION CENTER
Issue Date: 2/8/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C45D010 EX4C459827 4LBWH
Description:
Light Source: -
Ballast/Driver: -

Summary

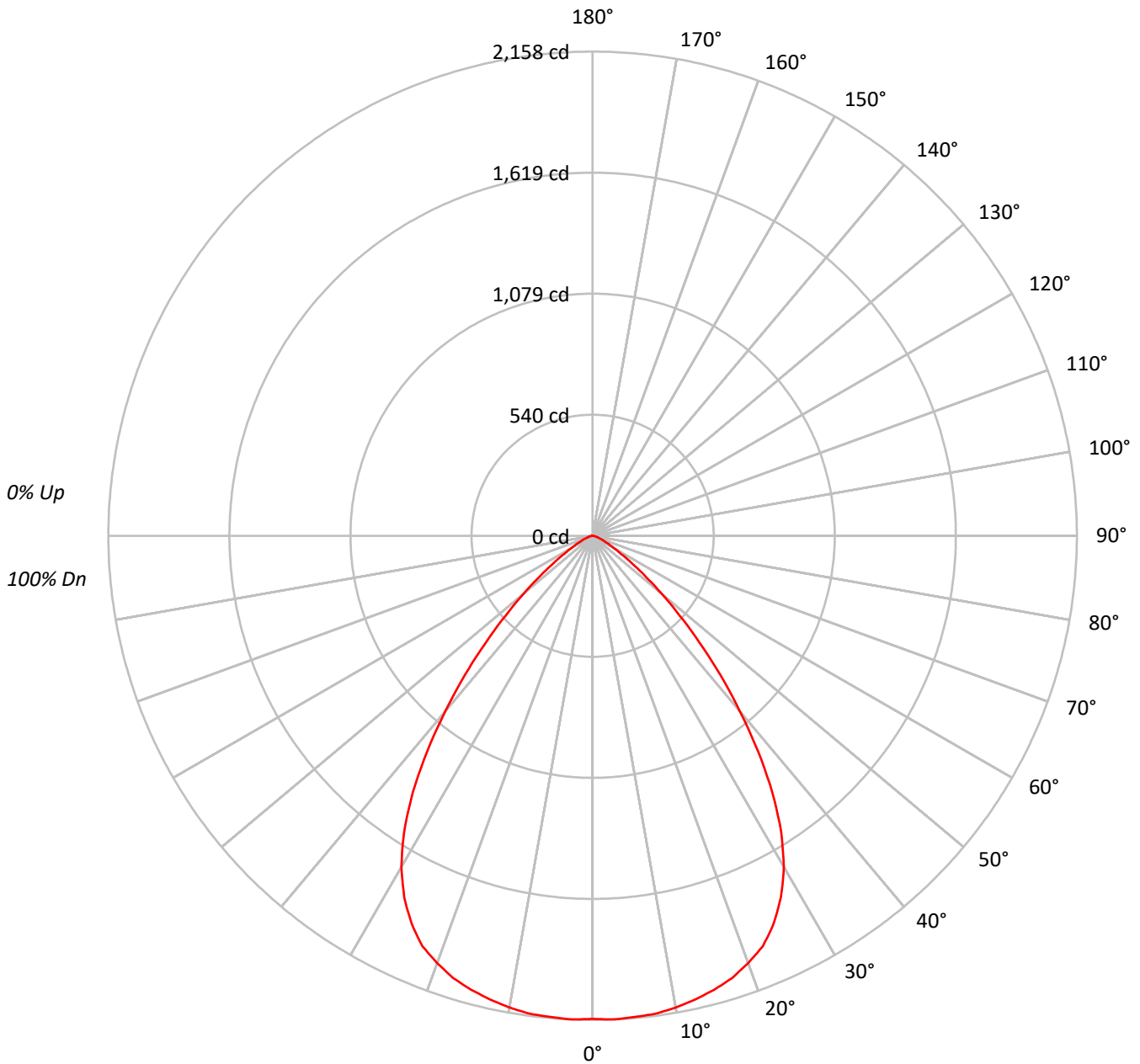
Lumens per Lamp: N/A
Luminaire Lumens: 3340.4 lumens
Efficiency: N/A
Efficacy: 67.3 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.18 / 1.13
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 49.6
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									
RC	80									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	112	109	106	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91																			
2	105	100	95	91	103	98	93	90	95	91	88	91	88	86	89	86	84	82																			
3	99	91	85	80	97	90	84	80	87	82	78	84	80	77	82	79	76	74																			
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67																			
5	87	77	70	65	85	76	69	64	74	68	64	72	67	63	70	66	62	61																			
6	81	71	64	58	80	70	63	58	68	62	58	67	61	57	65	61	57	55																			
7	76	65	58	53	75	65	58	53	63	57	53	62	56	52	61	56	52	50																			
8	72	60	53	49	70	60	53	49	59	53	48	58	52	48	57	52	48	46																			
9	68	56	49	45	66	56	49	45	55	49	44	54	48	44	53	48	44	43																			
10	64	52	46	41	63	52	46	41	51	45	41	50	45	41	49	44	41	39																			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	264516
5°	265526
10°	266338
15°	266356
20°	264888
25°	258677
30°	241784
35°	209367
40°	163565
45°	117345
50°	76240
55°	45622
60°	26708
65°	17122
70°	11387
75°	8639
80°	6438
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	205.0	6.1
10°-20°	590.8	17.7
20°-30°	871.8	26.1
30°-40°	860.4	25.8
40°-50°	526.5	15.8
50°-60°	201.8	6.0
60°-70°	63.1	1.9
70°-80°	18.5	0.6
80°-90°	2.5	0.1
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°	1667.7	49.9
0°-40°	2528.0	75.7
0°-60°	3256.4	97.5
0°-90°	3340.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3340.4	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2153	
5°	2153	205
15°	2094	591
25°	1908	872
35°	1396	860
45°	675	527
55°	213	202
65°	59	63
75°	18	19
85°	0	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	2153.1
2.5°	2157.7
5°	2153.1
7.5°	2148.6
10°	2135.0
12.5°	2116.8
15°	2094.2
17.5°	2066.9
20°	2026.1
22.5°	1980.9
25°	1908.3
27.5°	1817.5
30°	1704.4
32.5°	1563.9
35°	1396.0
37.5°	1210.2
40°	1019.9
42.5°	843.1
45°	675.4
47.5°	525.7
50°	398.9
52.5°	294.7
55°	213.0
57.5°	149.5
60°	108.7
62.5°	81.7
65°	58.9
67.5°	45.4
70°	31.7
72.5°	22.7
75°	18.2
77.5°	9.1
80°	9.1
82.5°	4.5
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)