

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: P857449

Luminaire Tested: **LX4C25D010 EX4C259827 4LBWH**

Issue Date: 2/8/2022



Test Information

Test Method: LM-79-08
Report Number: P857449
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: LX4C25D010 EX4C259827 4LBWH
Description:
Light Source: -
Ballast/Driver: -

Summary

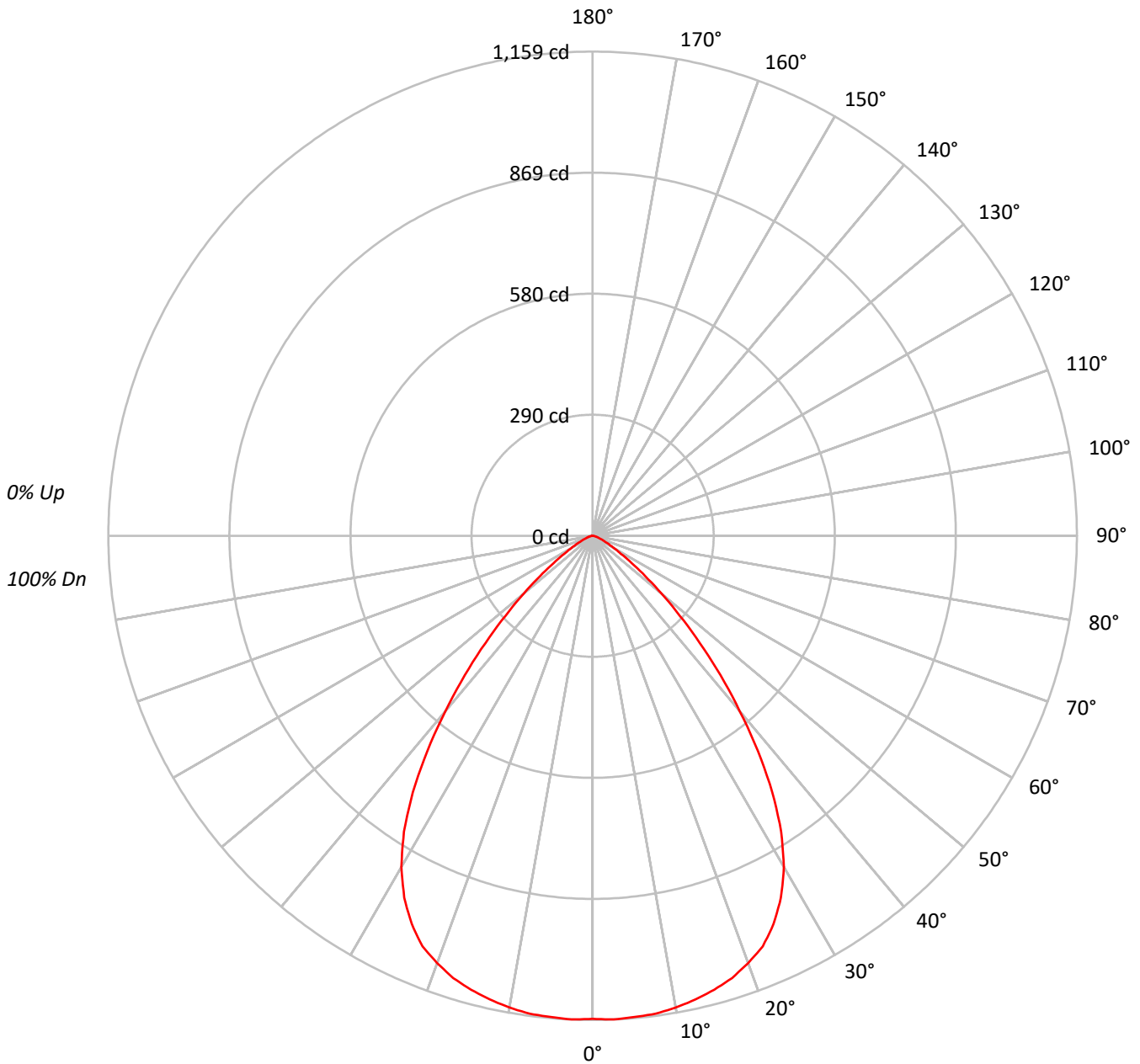
Lumens per Lamp: N/A
Luminaire Lumens: 1794.1 lumens
Efficiency: N/A
Efficacy: 57.0 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.18 / 1.13
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 31.5
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																	
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	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°	142080
5°	142623
10°	143049
15°	143060
20°	142269
25°	138943
30°	129872
35°	112452
40°	87853
45°	63033
50°	40939
55°	24503
60°	14349
65°	9215
70°	6106
75°	4604
80°	3467
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	110.1	6.1
10°-20°	317.3	17.7
20°-30°	468.3	26.1
30°-40°	462.1	25.8
40°-50°	282.8	15.8
50°-60°	108.4	6.0
60°-70°	33.9	1.9
70°-80°	9.9	0.6
80°-90°	1.3	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°	895.7	49.9
0°-40°	1357.8	75.7
0°-60°	1749.0	97.5
0°-90°	1794.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1794.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1156	
5°	1156	110
15°	1125	317
25°	1025	468
35°	750	462
45°	363	283
55°	114	108
65°	32	34
75°	10	10
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1156.5
2.5°	1158.9
5°	1156.5
7.5°	1154.0
10°	1146.7
12.5°	1137.0
15°	1124.8
17.5°	1110.1
20°	1088.2
22.5°	1063.9
25°	1025.0
27.5°	976.2
30°	915.5
32.5°	840.0
35°	749.8
37.5°	650.0
40°	547.8
42.5°	452.8
45°	362.8
47.5°	282.3
50°	214.2
52.5°	158.3
55°	114.4
57.5°	80.3
60°	58.4
62.5°	43.9
65°	31.7
67.5°	24.3
70°	17.0
72.5°	12.2
75°	9.7
77.5°	4.9
80°	4.9
82.5°	2.4
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)