

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: P857485

Luminaire Tested: **LX4C25D010 EX4C259840 4LBSH**

Issue Date: 2/14/2022

Test Information

Test Method: LM-79-08
Report Number: P857485
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: LX4C25D010 EX4C259840 4LBSH
Description:
Light Source: -
Ballast/Driver: -

Summary

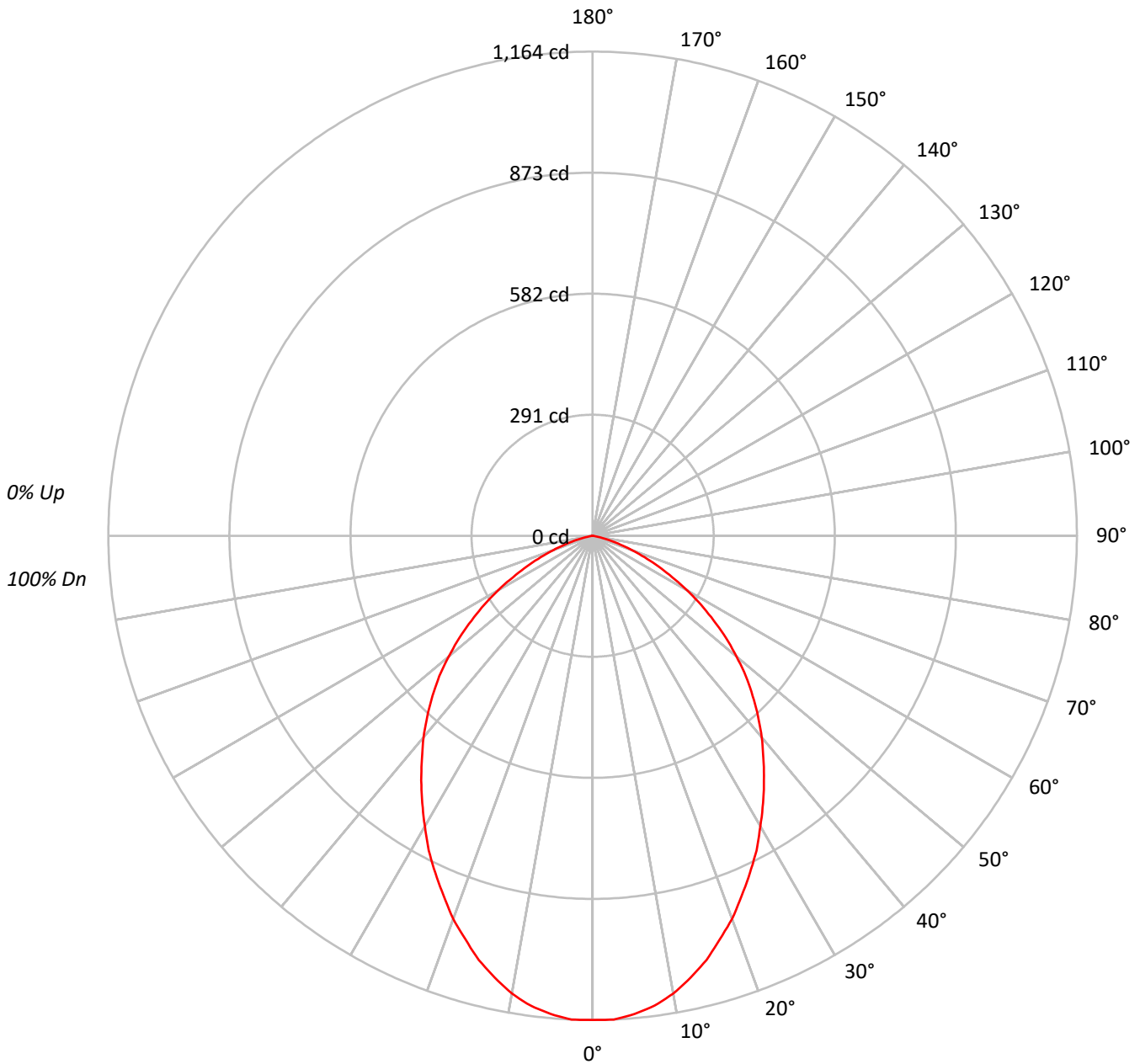
Lumens per Lamp: N/A
Luminaire Lumens: 2225.8 lumens
Efficiency: N/A
Efficacy: 70.7 lumens/watt
Spacing Criteria (0/90/45): 1.06 / 1.06 / 1.17
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 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				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	111	107	104	101	108	105	102	99	101	98	96	97	95	93	93	92	90	88			
2	102	96	90	85	100	94	88	84	90	86	82	87	83	80	84	81	79	77			
3	95	85	78	73	92	84	77	72	81	75	71	78	74	70	76	72	69	67			
4	87	77	69	63	85	75	68	63	73	67	62	71	65	61	69	64	60	58			
5	81	69	61	55	79	68	61	55	66	60	55	64	59	54	63	58	53	51			
6	75	63	55	49	73	62	54	49	60	54	49	59	53	48	57	52	48	46			
7	70	58	50	44	68	57	49	44	55	49	44	54	48	43	53	47	43	41			
8	65	53	45	40	64	52	45	40	51	44	39	50	44	39	49	43	39	37			
9	61	49	41	36	60	48	41	36	47	40	36	46	40	36	45	40	35	34			
10	58	45	38	33	56	45	38	33	44	37	33	43	37	33	42	37	33	31			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	143014
5°	142351
10°	139407
15°	134348
20°	128162
25°	121253
30°	114367
35°	107683
40°	101388
45°	94533
50°	86198
55°	76123
60°	64449
65°	50581
70°	36100
75°	19746
80°	3467
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	109.0	4.9
10°-20°	296.4	13.3
20°-30°	411.6	18.5
30°-40°	449.1	20.2
40°-50°	419.0	18.8
50°-60°	318.0	14.3
60°-70°	174.1	7.8
70°-80°	47.9	2.2
80°-90°	0.7	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°	817.0	36.7
0°-40°	1266.1	56.9
0°-60°	2003.1	90.0
0°-90°	2225.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2225.8	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1164	
5°	1154	109
15°	1056	296
25°	894	412
35°	718	449
45°	544	419
55°	355	318
65°	174	174
75°	42	48
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1164.1
2.5°	1164.1
5°	1154.3
7.5°	1139.6
10°	1117.5
12.5°	1088.1
15°	1056.3
17.5°	1017.0
20°	980.3
22.5°	936.2
25°	894.5
27.5°	852.9
30°	806.2
32.5°	762.2
35°	718.0
37.5°	674.0
40°	632.2
42.5°	588.2
45°	544.1
47.5°	499.9
50°	451.0
52.5°	404.3
55°	355.4
57.5°	308.8
60°	262.3
62.5°	215.7
65°	174.0
67.5°	134.7
70°	100.5
72.5°	68.7
75°	41.6
77.5°	19.6
80°	4.9
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)