

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: P843903

Luminaire Tested: **LD6C08DE010B40 EU6C08B40 6LBMMW**

Issue Date: 5/7/2024

Test Information

Test Method: LM-79-08
Report Number: P843903
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P203577)
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C08DE010B40 EU6C08B40 6LBMMW
Description:
Light Source: -
Ballast/Driver:

Summary

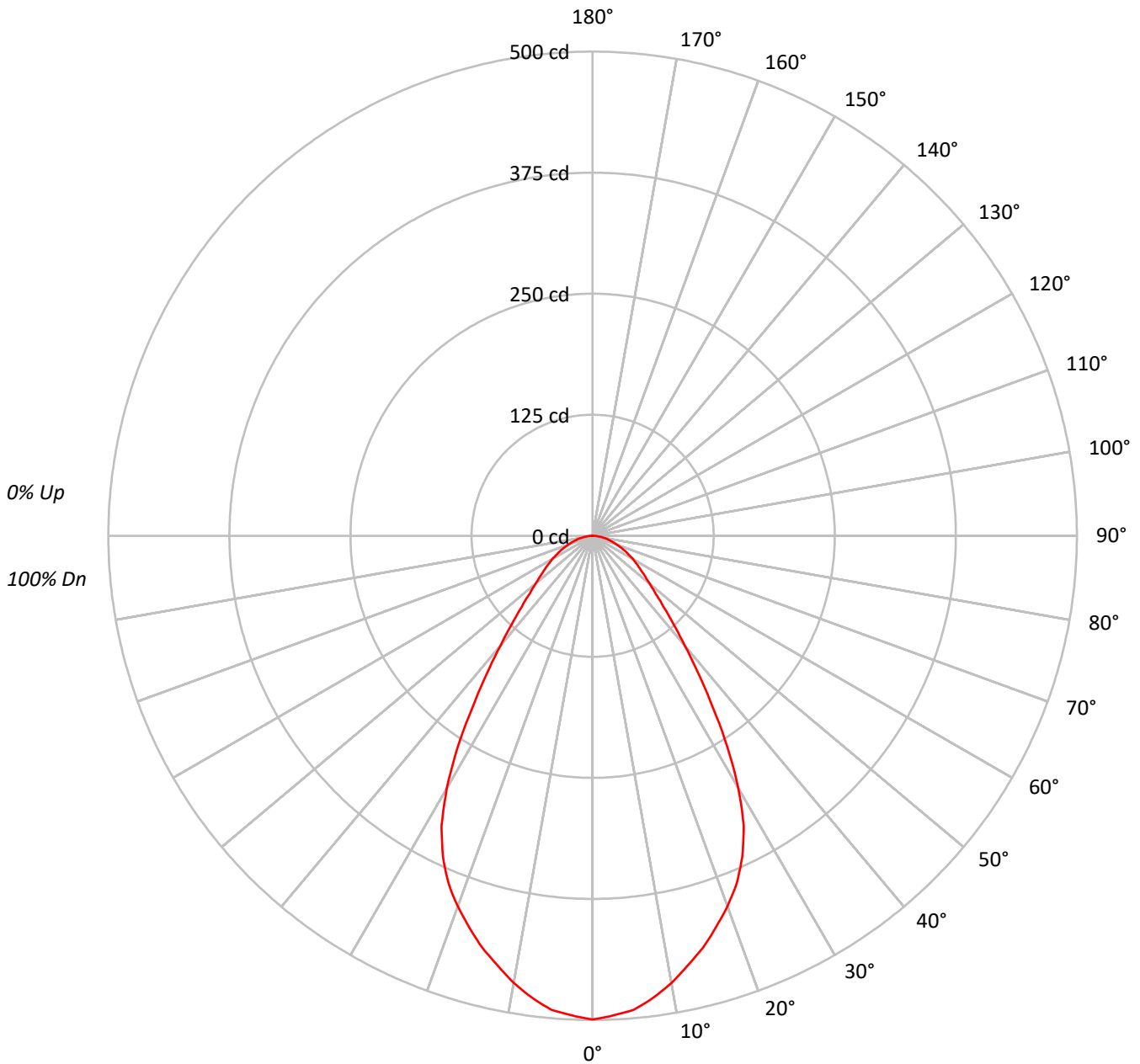
Lumens per Lamp: N/A
Luminaire Lumens: 669.6 lumens
Efficiency: N/A
Efficacy: 69.7 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 9.6
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				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	108	104	101	109	105	103	100	101	99	97	98	96	94	94	92	91	89			
2	104	97	92	88	101	96	91	87	92	88	85	89	86	83	86	83	81	79			
3	97	88	82	77	95	87	81	76	84	79	75	82	77	74	79	76	73	71			
4	90	81	74	68	88	80	73	68	77	72	67	75	70	66	73	69	65	64			
5	85	74	67	61	83	73	66	61	71	65	61	69	64	60	68	63	59	58			
6	79	68	61	56	78	68	61	56	66	60	55	64	59	55	63	58	54	53			
7	75	63	56	51	73	63	56	51	61	55	50	60	54	50	59	54	50	48			
8	70	59	52	47	69	58	51	47	57	51	46	56	50	46	55	50	46	44			
9	66	55	48	43	65	54	48	43	53	47	43	52	47	43	51	46	43	41			
10	63	51	45	40	62	51	44	40	50	44	40	49	44	40	48	43	40	38			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	27383
5°	27036
10°	26113
15°	25000
20°	23755
25°	22114
30°	19054
35°	14462
40°	10577
45°	8016
50°	6541
55°	5735
60°	5263
65°	4787
70°	4296
75°	3918
80°	3504
85°	2956



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.1	6.9
10°-20°	123.6	18.5
20°-30°	166.0	24.8
30°-40°	136.2	20.3
40°-50°	81.8	12.2
50°-60°	54.3	8.1
60°-70°	36.4	5.4
70°-80°	19.6	2.9
80°-90°	5.6	0.8
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°	335.7	50.1
0°-40°	471.9	70.5
0°-60°	607.9	90.8
0°-90°	669.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	669.6	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	500	
5°	491	46
15°	440	124
25°	366	166
35°	216	136
45°	103	82
55°	60	54
65°	37	36
75°	18	20
85°	5	6
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	499.5
2.5°	495.8
5°	491.3
7.5°	481.1
10°	469.1
12.5°	454.3
15°	440.5
17.5°	423.8
20°	407.2
22.5°	388.8
25°	365.6
27.5°	337.9
30°	301.0
32.5°	259.4
35°	216.1
37.5°	179.2
40°	147.8
42.5°	122.8
45°	103.4
47.5°	87.7
50°	76.7
52.5°	67.4
55°	60.0
57.5°	53.5
60°	48.0
62.5°	41.6
65°	36.9
67.5°	31.4
70°	26.8
72.5°	22.2
75°	18.5
77.5°	14.8
80°	11.1
82.5°	8.4
85°	4.7
87.5°	1.8
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)