

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: P843917

Luminaire Tested: **LD6C08DE010B50 EU6C08B50 6LBMGPH**

Issue Date: 5/7/2024

Test Information

Test Method: LM-79-08
Report Number: P843917
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: LD6C08DE010B50 EU6C08B50 6LBMGPH
Description:
Light Source: -
Ballast/Driver:

Summary

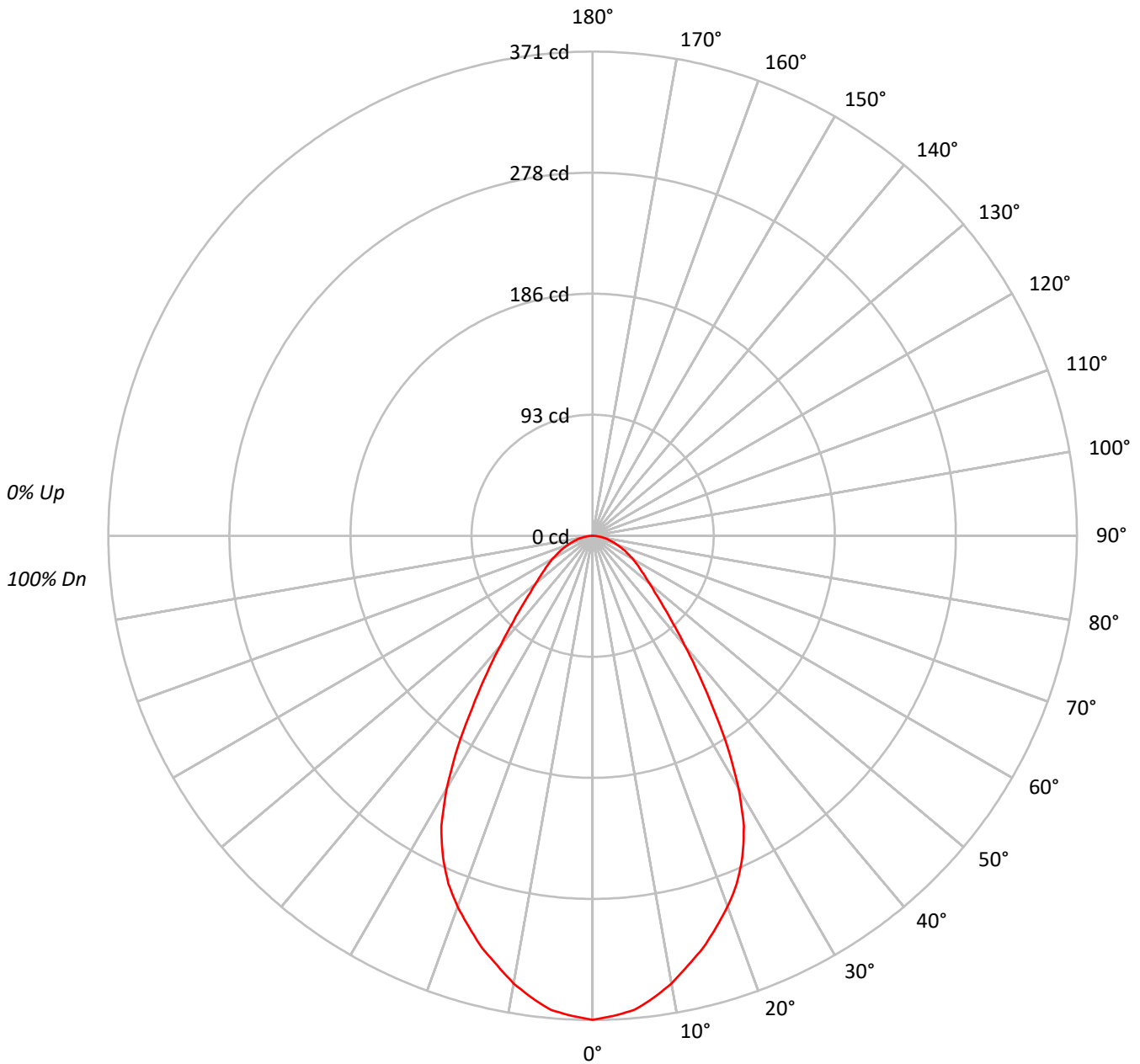
Lumens per Lamp: N/A
Luminaire Lumens: 497.1 lumens
Efficiency: N/A
Efficacy: 51.8 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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			100
1	111	108	104	101	109	105	103	100	101	99	97	98	96	94	94	92	91	89			89
2	104	97	92	88	101	96	91	87	92	88	85	89	86	83	86	83	81	79			79
3	97	88	82	77	95	87	81	76	84	79	75	82	77	74	79	76	73	71			71
4	90	81	74	68	88	80	73	68	77	72	67	75	70	66	73	69	65	64			64
5	85	74	67	61	83	73	66	61	71	65	61	69	64	60	68	63	59	58			58
6	79	68	61	56	78	68	61	56	66	60	55	64	59	55	63	58	54	53			53
7	75	63	56	51	73	63	56	51	61	55	50	60	54	50	59	54	50	48			48
8	70	59	52	47	69	58	51	47	57	51	46	56	50	46	55	50	46	44			44
9	66	55	48	43	65	54	48	43	53	47	43	52	47	43	51	46	43	41			41
10	63	51	45	40	62	51	44	40	50	44	40	49	44	40	48	43	40	38			38

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	20333
5°	20075
10°	19388
15°	18559
20°	17642
25°	16422
30°	14148
35°	10734
40°	7850
45°	5954
50°	4853
55°	4253
60°	3903
65°	3554
70°	3190
75°	2902
80°	2589
85°	2139



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.3	6.9
10°-20°	91.8	18.5
20°-30°	123.2	24.8
30°-40°	101.1	20.3
40°-50°	60.7	12.2
50°-60°	40.3	8.1
60°-70°	27.0	5.4
70°-80°	14.6	2.9
80°-90°	4.1	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°	249.3	50.1
0°-40°	350.4	70.5
0°-60°	451.4	90.8
0°-90°	497.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	497.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	371	
5°	365	34
15°	327	92
25°	272	123
35°	160	101
45°	77	61
55°	44	40
65°	27	27
75°	14	15
85°	3	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	370.9
2.5°	368.2
5°	364.8
7.5°	357.2
10°	348.3
12.5°	337.3
15°	327.0
17.5°	314.6
20°	302.4
22.5°	288.6
25°	271.5
27.5°	251.0
30°	223.5
32.5°	192.6
35°	160.4
37.5°	133.1
40°	109.7
42.5°	91.2
45°	76.8
47.5°	65.2
50°	56.9
52.5°	50.0
55°	44.5
57.5°	39.8
60°	35.6
62.5°	30.9
65°	27.4
67.5°	23.3
70°	19.9
72.5°	16.5
75°	13.7
77.5°	11.0
80°	8.2
82.5°	6.1
85°	3.4
87.5°	1.4
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)