

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: P843886

Luminaire Tested: **LD6C08DE010B35 EU6C08B35 6LBMMW**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P843886
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: LD6C08DE010B35 EU6C08B35 6LBMMW
Description:
Light Source: -
Ballast/Driver:

Summary

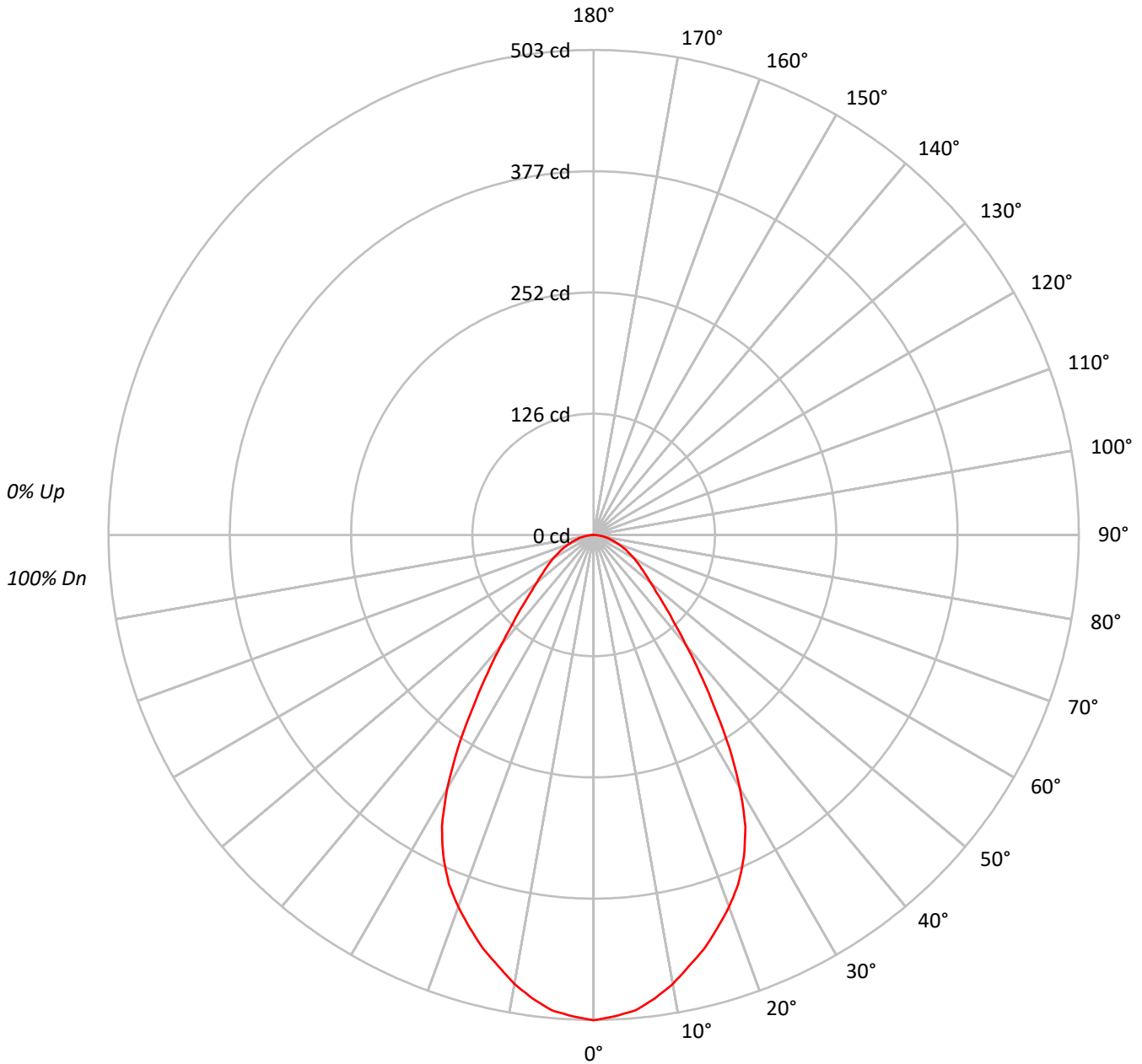
Lumens per Lamp: N/A
Luminaire Lumens: 674.8 lumens
Efficiency: N/A
Efficacy: 70.3 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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°	27596
5°	27245
10°	26319
15°	25193
20°	23948
25°	22296
30°	19205
35°	14576
40°	10656
45°	8086
50°	6584
55°	5782
60°	5307
65°	4825
70°	4328
75°	3940
80°	3536
85°	2956



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.5	6.9
10°-20°	124.6	18.5
20°-30°	167.3	24.8
30°-40°	137.2	20.3
40°-50°	82.4	12.2
50°-60°	54.7	8.1
60°-70°	36.7	5.4
70°-80°	19.7	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°	338.4	50.1
0°-40°	475.6	70.5
0°-60°	612.7	90.8
0°-90°	674.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	674.8	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	503	
5°	495	47
15°	444	125
25°	369	167
35°	218	137
45°	104	82
55°	60	55
65°	37	37
75°	19	20
85°	5	6
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	503.4
2.5°	499.7
5°	495.1
7.5°	484.9
10°	472.8
12.5°	457.8
15°	443.9
17.5°	427.2
20°	410.5
22.5°	391.9
25°	368.6
27.5°	340.7
30°	303.4
32.5°	261.6
35°	217.8
37.5°	180.5
40°	148.9
42.5°	123.7
45°	104.3
47.5°	88.4
50°	77.2
52.5°	67.9
55°	60.5
57.5°	53.9
60°	48.4
62.5°	41.9
65°	37.2
67.5°	31.6
70°	27.0
72.5°	22.3
75°	18.6
77.5°	14.9
80°	11.2
82.5°	8.4
85°	4.7
87.5°	1.9
90°	0.0



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— 0°-180°







(END OF REPORT)