

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: P843900

Luminaire Tested: **LD6C08DE010B40 EU6C08B40 6LBMGPH**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P843900
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 6LBMGPH
Description:
Light Source: -
Ballast/Driver:

Summary

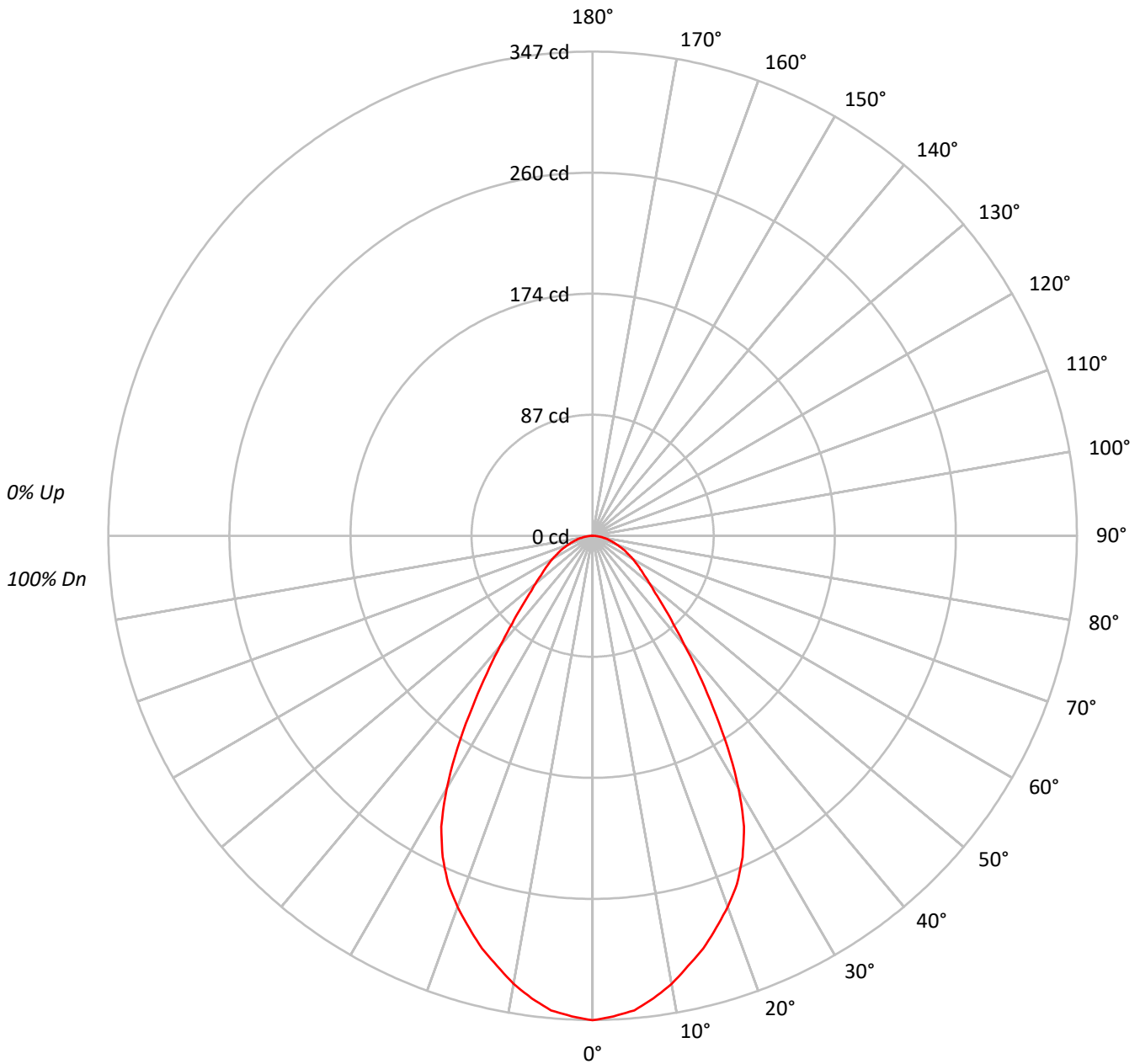
Lumens per Lamp: N/A
Luminaire Lumens: 465.4 lumens
Efficiency: N/A
Efficacy: 48.5 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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				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°	19034
5°	18793
10°	18153
15°	17378
20°	16510
25°	15370
30°	13243
35°	10052
40°	7349
45°	5574
50°	4546
55°	3986
60°	3662
65°	3334
70°	2981
75°	2711
80°	2431
85°	2013



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.1	6.9
10°-20°	85.9	18.5
20°-30°	115.3	24.8
30°-40°	94.6	20.3
40°-50°	56.8	12.2
50°-60°	37.8	8.1
60°-70°	25.3	5.4
70°-80°	13.6	2.9
80°-90°	3.8	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°	233.3	50.1
0°-40°	328.0	70.5
0°-60°	422.6	90.8
0°-90°	465.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	465.4	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	347	
5°	342	32
15°	306	86
25°	254	115
35°	150	95
45°	72	57
55°	42	38
65°	26	25
75°	13	14
85°	3	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	347.2
2.5°	344.7
5°	341.5
7.5°	334.4
10°	326.1
12.5°	315.8
15°	306.2
17.5°	294.6
20°	283.0
22.5°	270.2
25°	254.1
27.5°	234.9
30°	209.2
32.5°	180.3
35°	150.2
37.5°	124.5
40°	102.7
42.5°	85.4
45°	71.9
47.5°	61.0
50°	53.3
52.5°	46.9
55°	41.7
57.5°	37.2
60°	33.4
62.5°	28.9
65°	25.7
67.5°	21.8
70°	18.6
72.5°	15.4
75°	12.8
77.5°	10.3
80°	7.7
82.5°	5.8
85°	3.2
87.5°	1.3
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)