

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: P843849

Luminaire Tested: **LD6C08DE010B2750 EU6C08B27 6LBMGPH**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P843849
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: LD6C08DE010B2750 EU6C08B27 6LBMGPH
Description:
Light Source: -
Ballast/Driver:

Summary

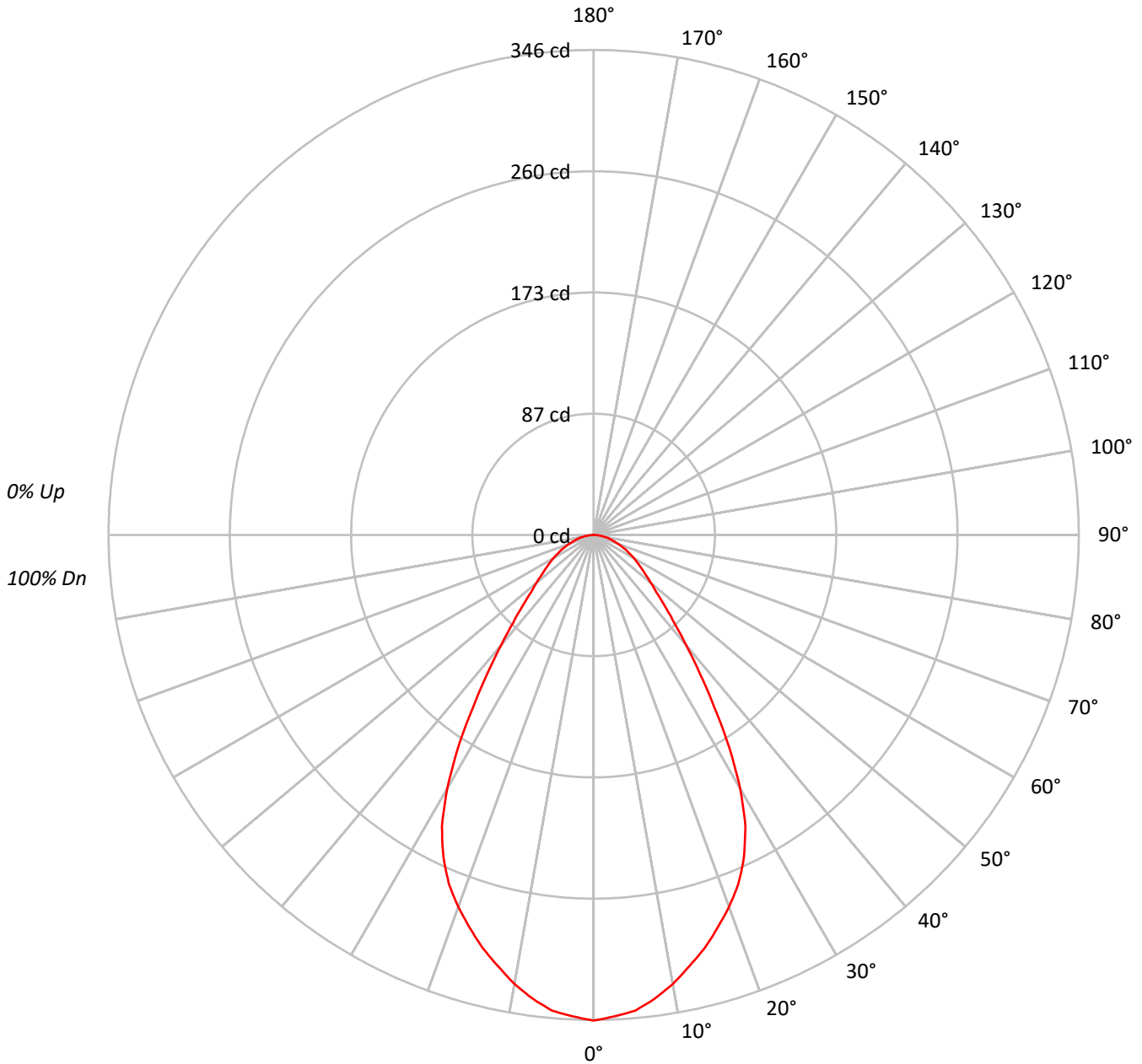
Lumens per Lamp: N/A
Luminaire Lumens: 464.3 lumens
Efficiency: N/A
Efficacy: 48.4 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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°	18995
5°	18749
10°	18108
15°	17333
20°	16475
25°	15340
30°	13217
35°	10032
40°	7335
45°	5559
50°	4537
55°	3986
60°	3651
65°	3321
70°	2981
75°	2711
80°	2431
85°	2013



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.0	6.9
10°-20°	85.7	18.5
20°-30°	115.1	24.8
30°-40°	94.4	20.3
40°-50°	56.7	12.2
50°-60°	37.7	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°	232.8	50.1
0°-40°	327.3	70.5
0°-60°	421.6	90.8
0°-90°	464.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	464.3	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	346	
5°	341	32
15°	305	86
25°	254	115
35°	150	94
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°	346.5
2.5°	343.8
5°	340.7
7.5°	333.7
10°	325.3
12.5°	315.1
15°	305.4
17.5°	293.9
20°	282.4
22.5°	269.6
25°	253.6
27.5°	234.4
30°	208.8
32.5°	179.9
35°	149.9
37.5°	124.3
40°	102.5
42.5°	85.1
45°	71.7
47.5°	60.8
50°	53.2
52.5°	46.7
55°	41.7
57.5°	37.1
60°	33.3
62.5°	28.8
65°	25.6
67.5°	21.8
70°	18.6
72.5°	15.3
75°	12.8
77.5°	10.3
80°	7.7
82.5°	5.7
85°	3.2
87.5°	1.3
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)