

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: P843852

Luminaire Tested: **LD6C08DE010B2750 EU6C08B27 6LBMMW**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P843852
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 6LBMMW
Description:
Light Source: -
Ballast/Driver:

Summary

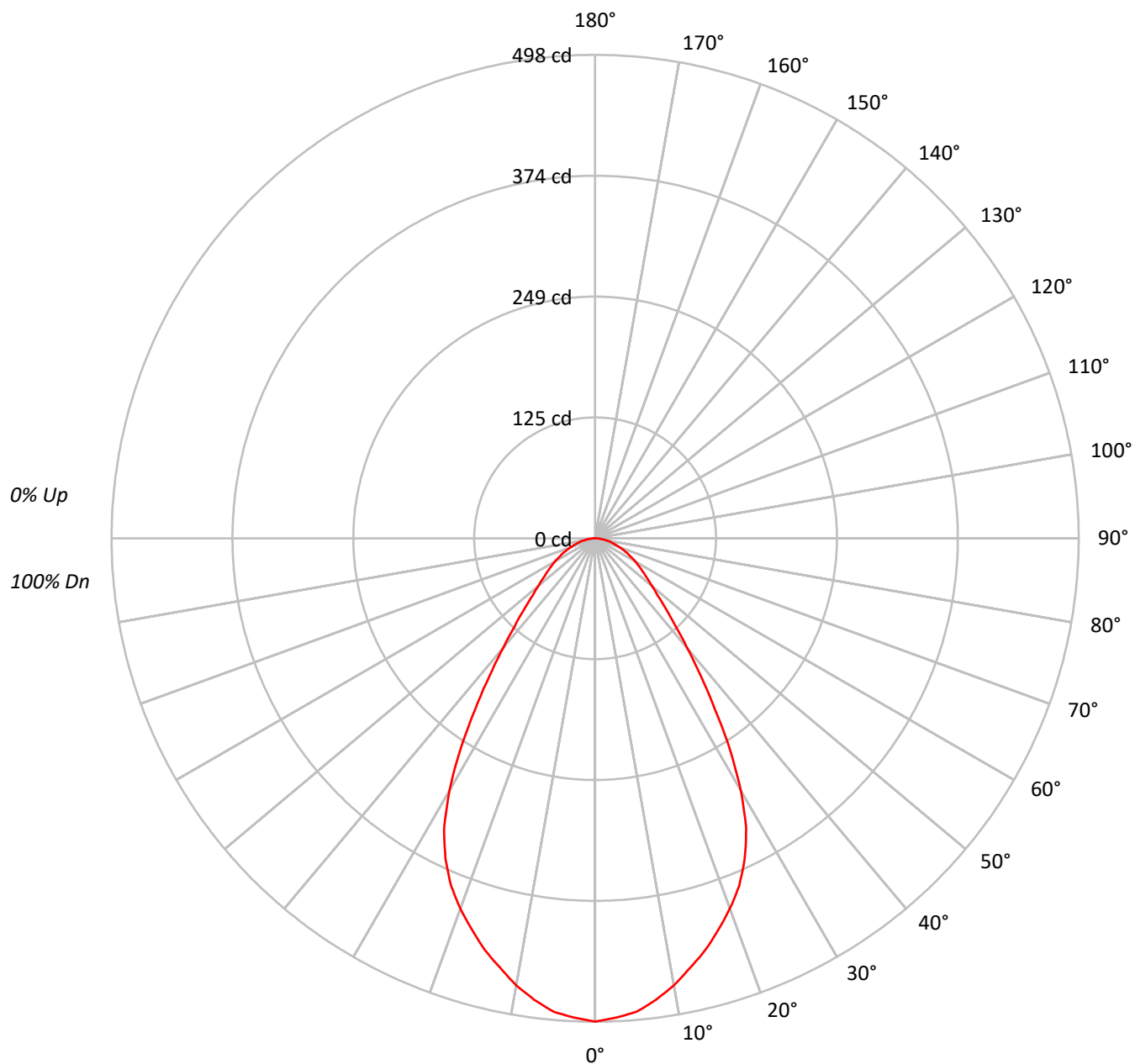
Lumens per Lamp: N/A
Luminaire Lumens: 667.4 lumens
Efficiency: N/A
Efficacy: 69.5 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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
RC	80					70					50					30					10
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	111	108	104	101		109	105	103	100		101	99	97		98	96	94		94	92	91
2	104	97	92	88		101	96	91	87		92	88	85		89	86	83		86	83	81
3	97	88	82	77		95	87	81	76		84	79	75		82	77	74		79	76	73
4	90	81	74	68		88	80	73	68		77	72	67		75	70	66		73	69	65
5	85	74	67	61		83	73	66	61		71	65	61		69	64	60		68	63	59
6	79	68	61	56		78	68	61	56		66	60	55		64	59	55		63	58	54
7	75	63	56	51		73	63	56	51		61	55	50		60	54	50		59	54	50
8	70	59	52	47		69	58	51	47		57	51	46		56	50	46		55	50	46
9	66	55	48	43		65	54	48	43		53	47	43		52	47	43		51	46	43
10	63	51	45	40		62	51	44	40		50	44	40		49	44	40		48	43	40

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	27295
5°	26948
10°	26029
15°	24915
20°	23680
25°	22048
30°	18997
35°	14415
40°	10534
45°	7993
50°	6516
55°	5725
60°	5252
65°	4774
70°	4280
75°	3897
80°	3504
85°	2830



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.0	6.9
10°-20°	123.2	18.5
20°-30°	165.4	24.8
30°-40°	135.7	20.3
40°-50°	81.5	12.2
50°-60°	54.2	8.1
60°-70°	36.3	5.4
70°-80°	19.5	2.9
80°-90°	5.5	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°	334.7	50.1
0°-40°	470.3	70.5
0°-60°	606.0	90.8
0°-90°	667.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	667.4	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	498	
5°	490	46
15°	439	123
25°	364	165
35°	215	136
45°	103	82
55°	60	54
65°	37	36
75°	18	20
85°	4	5
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	497.9
2.5°	494.2
5°	489.7
7.5°	479.5
10°	467.6
12.5°	452.9
15°	439.0
17.5°	422.5
20°	405.9
22.5°	387.5
25°	364.5
27.5°	336.9
30°	300.1
32.5°	258.6
35°	215.4
37.5°	178.5
40°	147.2
42.5°	122.5
45°	103.1
47.5°	87.5
50°	76.4
52.5°	67.2
55°	59.9
57.5°	53.4
60°	47.9
62.5°	41.5
65°	36.8
67.5°	31.3
70°	26.7
72.5°	22.1
75°	18.4
77.5°	14.7
80°	11.1
82.5°	8.2
85°	4.5
87.5°	1.8
90°	0.0



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— 0°-180°







(END OF REPORT)