

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: **LD6C08DE010B2750 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: LD6C08DE010B2750 EU6C08B40 6LBMGPH
Description:
Light Source: -
Ballast/Driver:

Summary

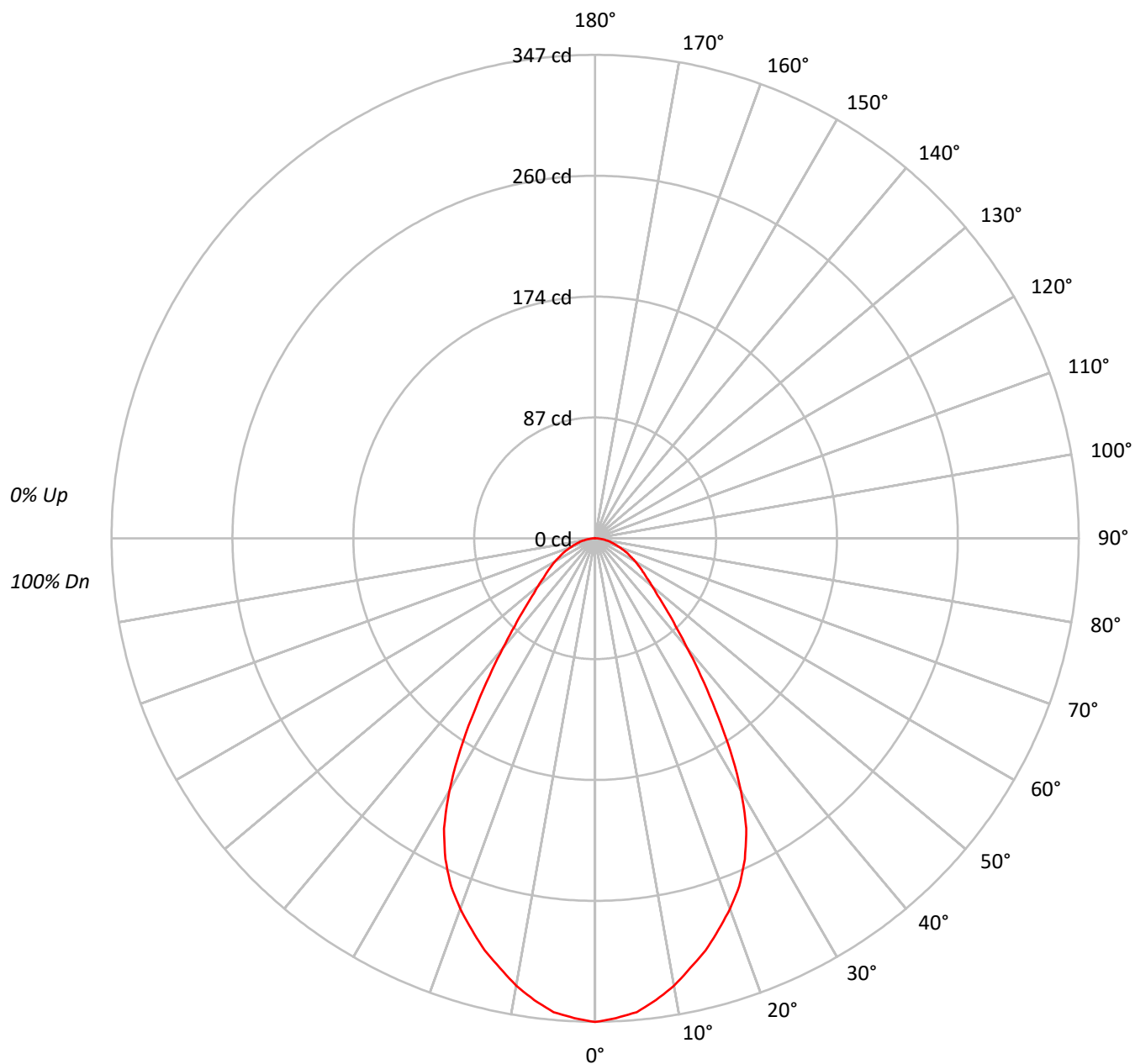
Lumens per Lamp: N/A
Luminaire Lumens: 465.4 lumens
Efficiency: N/A
Efficacy: 48.5 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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
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°	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



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— 0°-180°







(END OF REPORT)