

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: P844011

Luminaire Tested: **LD6C10DE010B50 EU6C10B50 6LBWLI**

Issue Date: 2/17/2023



Test Information

Test Method: LM-79-08
Report Number: P844011
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P205209)
Test Lab: INNOVATION CENTER
Issue Date: 2/17/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C10DE010B50 EU6C10B50 6LBWLI
Description:
Light Source: -
Ballast/Driver:

Summary

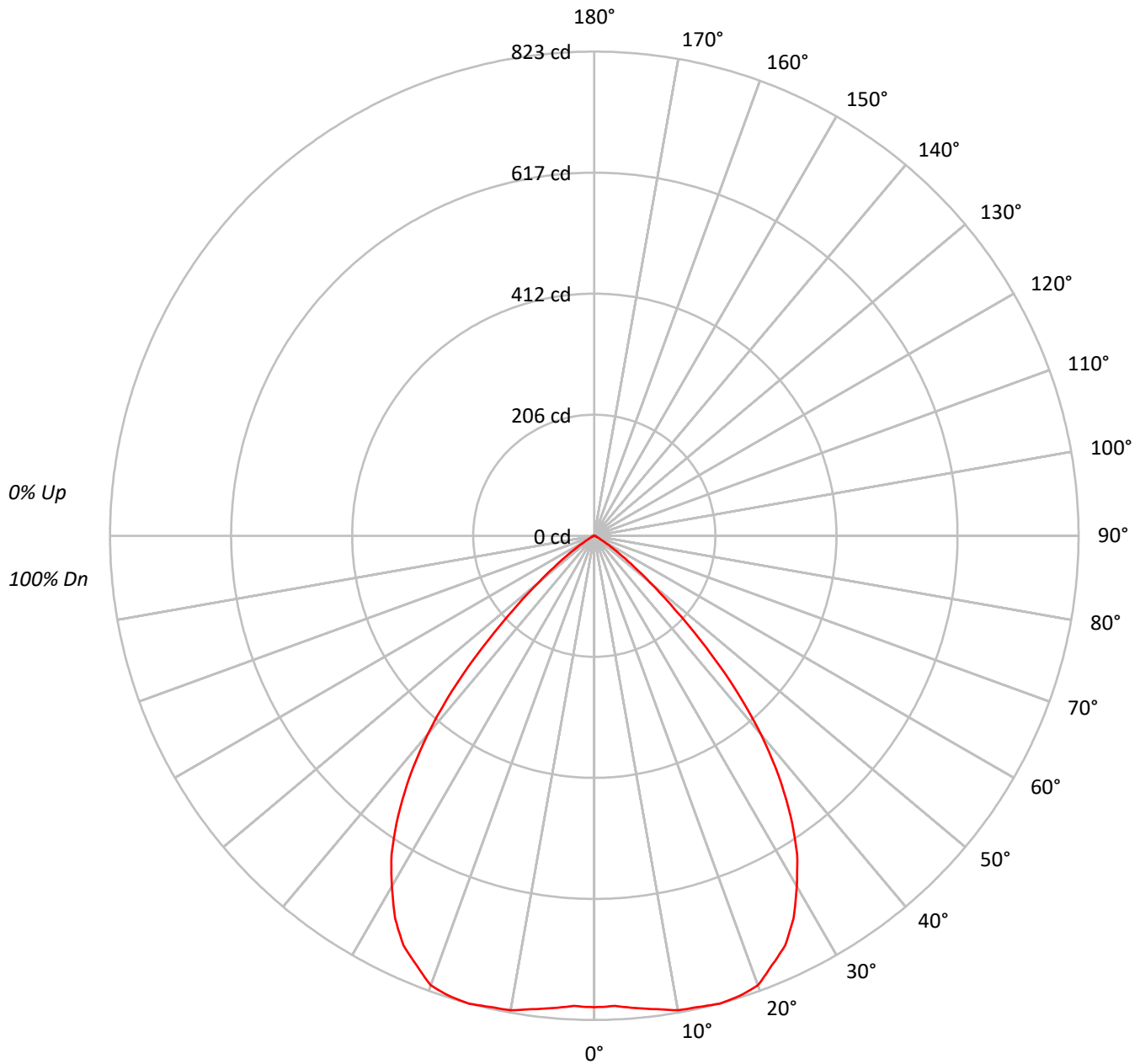
Lumens per Lamp: N/A
Luminaire Lumens: 1282.9 lumens
Efficiency: N/A
Efficacy: 96.5 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.18
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 13.3
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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	107	104	110	107	105	103	103	101	99		100	98	97		96
2	106	101	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	92	87	82	97	91	86	81	88	84	80		86	82	79		83
4	93	85	78	73	92	84	78	73	81	76	72		79	75	71		77
5	88	78	71	66	86	77	71	66	75	70	65		73	69	65		72
6	82	72	65	60	81	71	65	60	70	64	59		68	63	59		67
7	77	67	60	55	76	66	59	55	65	59	54		63	58	54		62
8	73	62	55	50	71	61	55	50	60	54	50		59	54	50		58
9	69	57	51	46	67	57	50	46	56	50	46		55	50	46		54
10	65	54	47	43	64	53	47	42	52	46	42		51	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	43938
5°	44343
10°	45585
15°	46726
20°	47435
25°	46448
30°	43551
35°	38936
40°	31538
45°	20863
50°	10541
55°	4444
60°	1436
65°	558
70°	481
75°	318
80°	0
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.3	6.0
10°-20°	232.4	18.1
20°-30°	350.3	27.3
30°-40°	358.6	27.9
40°-50°	208.9	16.3
50°-60°	48.0	3.7
60°-70°	5.9	0.5
70°-80°	1.6	0.1
80°-90°	0.0	0.0
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°	660.0	51.4
0°-40°	1018.6	79.4
0°-60°	1275.4	99.4
0°-90°	1282.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1282.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	802	
5°	806	77
15°	823	232
25°	768	350
35°	582	359
45°	269	209
55°	46	48
65°	4	6
75°	2	2
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	801.5
2.5°	800.0
5°	805.8
7.5°	811.6
10°	818.9
12.5°	820.3
15°	823.3
17.5°	820.3
20°	813.1
22.5°	789.8
25°	767.9
27.5°	733.2
30°	688.0
32.5°	641.5
35°	581.8
37.5°	514.9
40°	440.7
42.5°	357.8
45°	269.1
47.5°	187.6
50°	123.6
52.5°	78.6
55°	46.5
57.5°	24.7
60°	13.1
62.5°	7.3
65°	4.3
67.5°	4.3
70°	3.0
72.5°	1.5
75°	1.5
77.5°	1.5
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)