

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: P844096

Luminaire Tested: **LD6C15DE010B50 EU6C15B50 6LBWLI**

Issue Date: 2/17/2023

Test Information

Test Method: LM-79-08
Report Number: P844096
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: LD6C15DE010B50 EU6C15B50 6LBWLI
Description:
Light Source: -
Ballast/Driver:

Summary

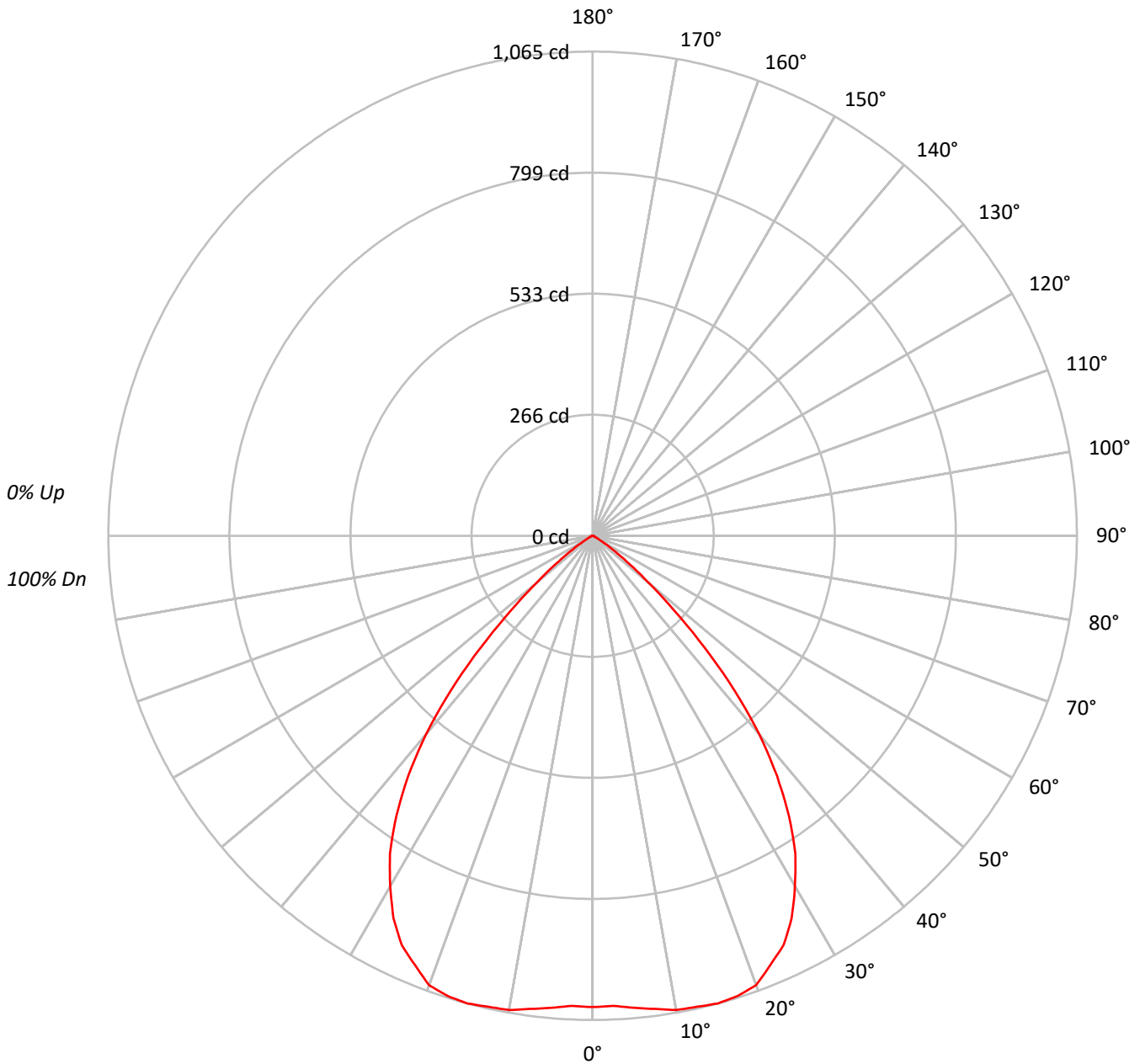
Lumens per Lamp: N/A
Luminaire Lumens: 1659.4 lumens
Efficiency: N/A
Efficacy: 97.6 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.18
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 17
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	113	110	107	104	110	107	105	103	103	101	99	100	98	97	96	95	94	92				92
2	106	101	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83				83
3	100	92	87	82	97	91	86	81	88	84	80	86	82	79	83	80	77	76				76
4	93	85	78	73	92	84	78	73	81	76	72	79	75	71	77	74	70	69				69
5	88	78	71	66	86	77	71	66	75	70	65	73	69	65	72	68	64	63				63
6	82	72	65	60	81	71	65	60	70	64	59	68	63	59	67	62	59	57				57
7	77	67	60	55	76	66	59	55	65	59	54	63	58	54	62	57	54	52				52
8	73	62	55	50	71	61	55	50	60	54	50	59	54	50	58	53	49	48				48
9	69	57	51	46	67	57	50	46	56	50	46	55	50	46	54	49	46	44				44
10	65	54	47	43	64	53	47	42	52	46	42	51	46	42	51	46	42	41				41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	56832
5°	57357
10°	58961
15°	60437
20°	61355
25°	60088
30°	56331
35°	50366
40°	40798
45°	26987
50°	13637
55°	5754
60°	1853
65°	726
70°	609
75°	402
80°	0
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	100.0	6.0
10°-20°	300.6	18.1
20°-30°	453.1	27.3
30°-40°	463.8	27.9
40°-50°	270.2	16.3
50°-60°	62.1	3.7
60°-70°	7.6	0.5
70°-80°	2.0	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°	853.7	51.4
0°-40°	1317.5	79.4
0°-60°	1649.8	99.4
0°-90°	1659.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1659.4	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1037	
5°	1042	100
15°	1065	301
25°	993	453
35°	753	464
45°	348	270
55°	60	62
65°	6	8
75°	2	2
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1036.7
2.5°	1034.8
5°	1042.3
7.5°	1049.8
10°	1059.2
12.5°	1061.1
15°	1064.9
17.5°	1061.1
20°	1051.7
22.5°	1021.6
25°	993.4
27.5°	948.3
30°	889.9
32.5°	829.7
35°	752.6
37.5°	666.0
40°	570.1
42.5°	462.8
45°	348.1
47.5°	242.7
50°	159.9
52.5°	101.6
55°	60.2
57.5°	32.0
60°	16.9
62.5°	9.4
65°	5.6
67.5°	5.6
70°	3.8
72.5°	1.9
75°	1.9
77.5°	1.9
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)