

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: P844088

Luminaire Tested: **LD6C15DE010B50 EU6C15B50 6LBMH**

Issue Date: 2/17/2023



Test Information

Test Method: LM-79-08
Report Number: P844088
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P203254)
Test Lab: INNOVATION CENTER
Issue Date: 2/17/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C15DE010B50 EU6C15B50 6LBMH
Description:
Light Source: -
Ballast/Driver:

Summary

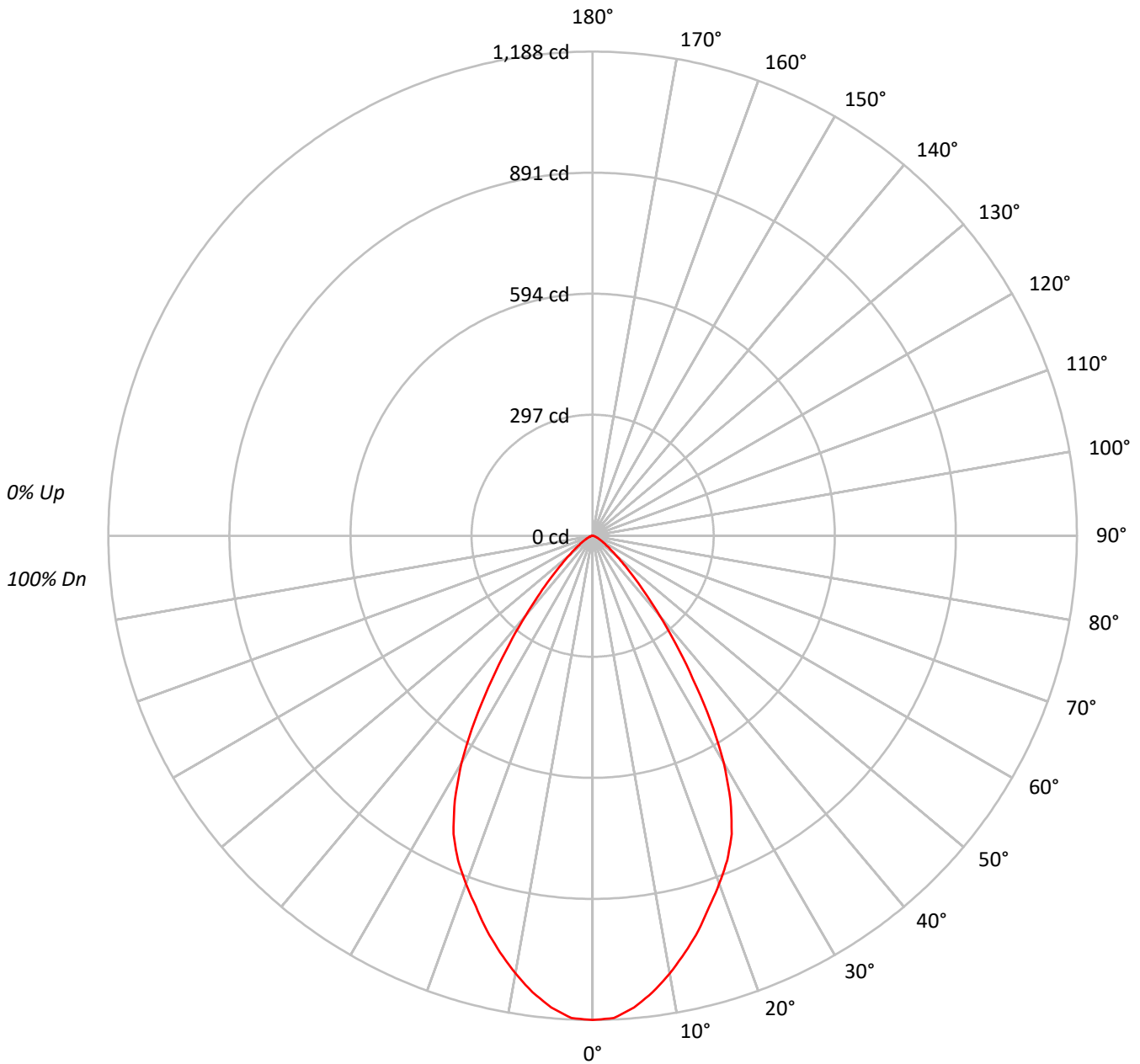
Lumens per Lamp: N/A
Luminaire Lumens: 1200.4 lumens
Efficiency: N/A
Efficacy: 70.6 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.93
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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				
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			
1	113	110	107	105	111	108	105	103	104	102	100	100	99	97	97	95	94	92			
2	107	102	97	93	105	100	96	92	97	93	90	94	91	88	91	89	87	85			
3	101	94	88	84	99	92	87	83	90	86	82	87	84	81	85	82	80	78			
4	95	87	81	76	93	86	80	76	84	79	75	82	78	74	80	76	73	72			
5	90	81	75	70	88	80	74	70	78	73	69	76	72	68	75	71	68	66			
6	85	75	69	64	83	75	69	64	73	68	64	72	67	63	70	66	63	61			
7	80	70	64	59	79	70	64	59	68	63	59	67	62	59	66	62	58	57			
8	76	66	60	55	75	65	59	55	64	59	55	63	58	55	62	58	54	53			
9	72	62	56	51	71	61	55	51	60	55	51	60	55	51	59	54	51	49			
10	69	58	52	48	68	58	52	48	57	52	48	56	51	48	55	51	48	46			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	65126
5°	63955
10°	60692
15°	56913
20°	53000
25°	48837
30°	40690
35°	28683
40°	18277
45°	10900
50°	6430
55°	4091
60°	2818
65°	1998
70°	1378
75°	1101
80°	537
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	108.6	9.0
10°-20°	281.0	23.4
20°-30°	364.1	30.3
30°-40°	270.3	22.5
40°-50°	114.1	9.5
50°-60°	40.5	3.4
60°-70°	15.6	1.3
70°-80°	5.5	0.5
80°-90°	0.7	0.1
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°	753.7	62.8
0°-40°	1024.0	85.3
0°-60°	1178.7	98.2
0°-90°	1200.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1200.4	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1188	
5°	1162	109
15°	1003	281
25°	807	364
35°	429	270
45°	141	114
55°	43	41
65°	15	16
75°	5	5
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1188.0
2.5°	1184.5
5°	1162.2
7.5°	1129.7
10°	1090.3
12.5°	1047.4
15°	1002.8
17.5°	953.1
20°	908.5
22.5°	862.3
25°	807.4
27.5°	732.0
30°	642.8
32.5°	538.2
35°	428.6
37.5°	336.0
40°	255.4
42.5°	190.3
45°	140.6
47.5°	102.8
50°	75.4
52.5°	56.6
55°	42.8
57.5°	32.6
60°	25.7
62.5°	18.8
65°	15.4
67.5°	12.0
70°	8.6
72.5°	6.9
75°	5.2
77.5°	3.5
80°	1.7
82.5°	1.7
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)