

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: P844087

Luminaire Tested: **LD6C15DE010B50 EU6C15B50 6LBMGPH**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844087
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: LD6C15DE010B50 EU6C15B50 6LBMGPH
Description:
Light Source: -
Ballast/Driver:

Summary

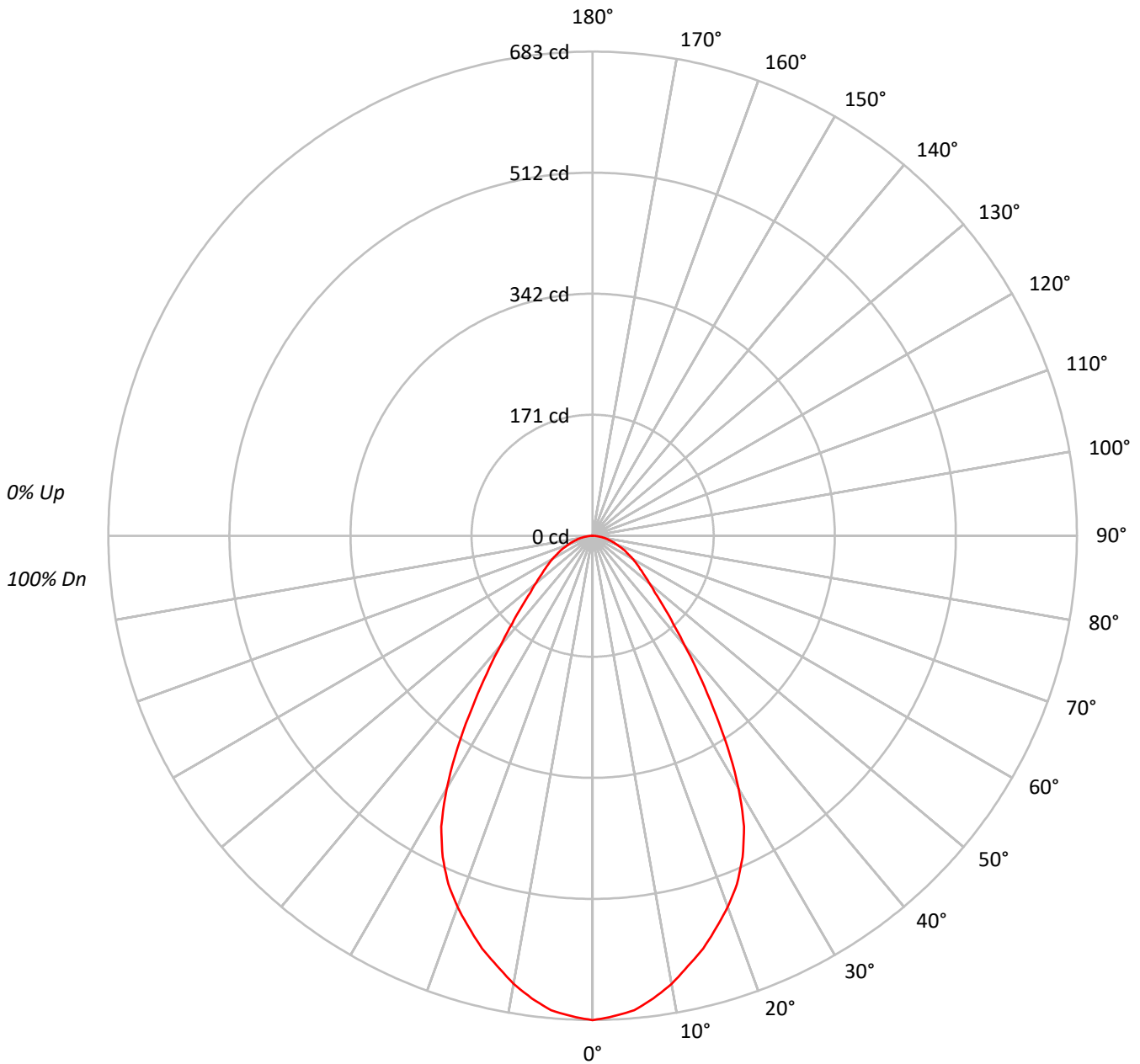
Lumens per Lamp: N/A
Luminaire Lumens: 915.9 lumens
Efficiency: N/A
Efficacy: 53.9 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 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	111	108	104	101	109	105	103	100	101	99	97	98	96	94	94	92	91	89			
2	104	97	92	88	101	96	91	87	92	88	85	89	86	83	86	83	81	79			
3	97	88	82	77	95	87	81	76	84	79	75	82	77	74	79	76	73	71			
4	90	81	74	68	88	80	73	68	77	72	67	75	70	66	73	69	65	64			
5	85	74	67	61	83	73	66	61	71	65	61	69	64	60	68	63	59	58			
6	79	68	61	56	78	68	61	56	66	60	55	64	59	55	63	58	54	53			
7	75	63	56	51	73	63	56	51	61	55	50	60	54	50	59	54	50	48			
8	70	59	52	47	69	58	51	47	57	51	46	56	50	46	55	50	46	44			
9	66	55	48	43	65	54	48	43	53	47	43	52	47	43	51	46	43	41			
10	63	51	45	40	62	51	44	40	50	44	40	49	44	40	48	43	40	38			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	37464
5°	36980
10°	35726
15°	34200
20°	32500
25°	30262
30°	26067
35°	19782
40°	14463
45°	10970
50°	8946
55°	7847
60°	7203
65°	6564
70°	5866
75°	5359
80°	4767
85°	3963



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.1	6.9
10°-20°	169.1	18.5
20°-30°	227.1	24.8
30°-40°	186.2	20.3
40°-50°	111.9	12.2
50°-60°	74.3	8.1
60°-70°	49.8	5.4
70°-80°	26.8	2.9
80°-90°	7.5	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°	459.3	50.1
0°-40°	645.6	70.5
0°-60°	831.8	90.8
0°-90°	915.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	915.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	683	
5°	672	63
15°	603	169
25°	500	227
35°	296	186
45°	142	112
55°	82	74
65°	51	50
75°	25	27
85°	6	8
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	683.4
2.5°	678.4
5°	672.0
7.5°	658.2
10°	641.8
12.5°	621.5
15°	602.6
17.5°	579.8
20°	557.1
22.5°	531.9
25°	500.3
27.5°	462.4
30°	411.8
32.5°	354.9
35°	295.6
37.5°	245.1
40°	202.1
42.5°	168.1
45°	141.5
47.5°	120.0
50°	104.9
52.5°	92.2
55°	82.1
57.5°	73.3
60°	65.7
62.5°	56.9
65°	50.6
67.5°	42.9
70°	36.6
72.5°	30.4
75°	25.3
77.5°	20.2
80°	15.1
82.5°	11.3
85°	6.3
87.5°	2.5
90°	0.0



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— 0°-180°







(END OF REPORT)