

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: P844095

Luminaire Tested: **LD6C15DE010B2750 EU6C15B50 6LBWH**

Issue Date: 2/17/2023



Test Information

Test Method: LM-79-08
Report Number: P844095
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P202739)
Test Lab: INNOVATION CENTER
Issue Date: 2/17/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C15DE010B2750 EU6C15B50 6LBWH
Description:
Light Source: -
Ballast/Driver:

Summary

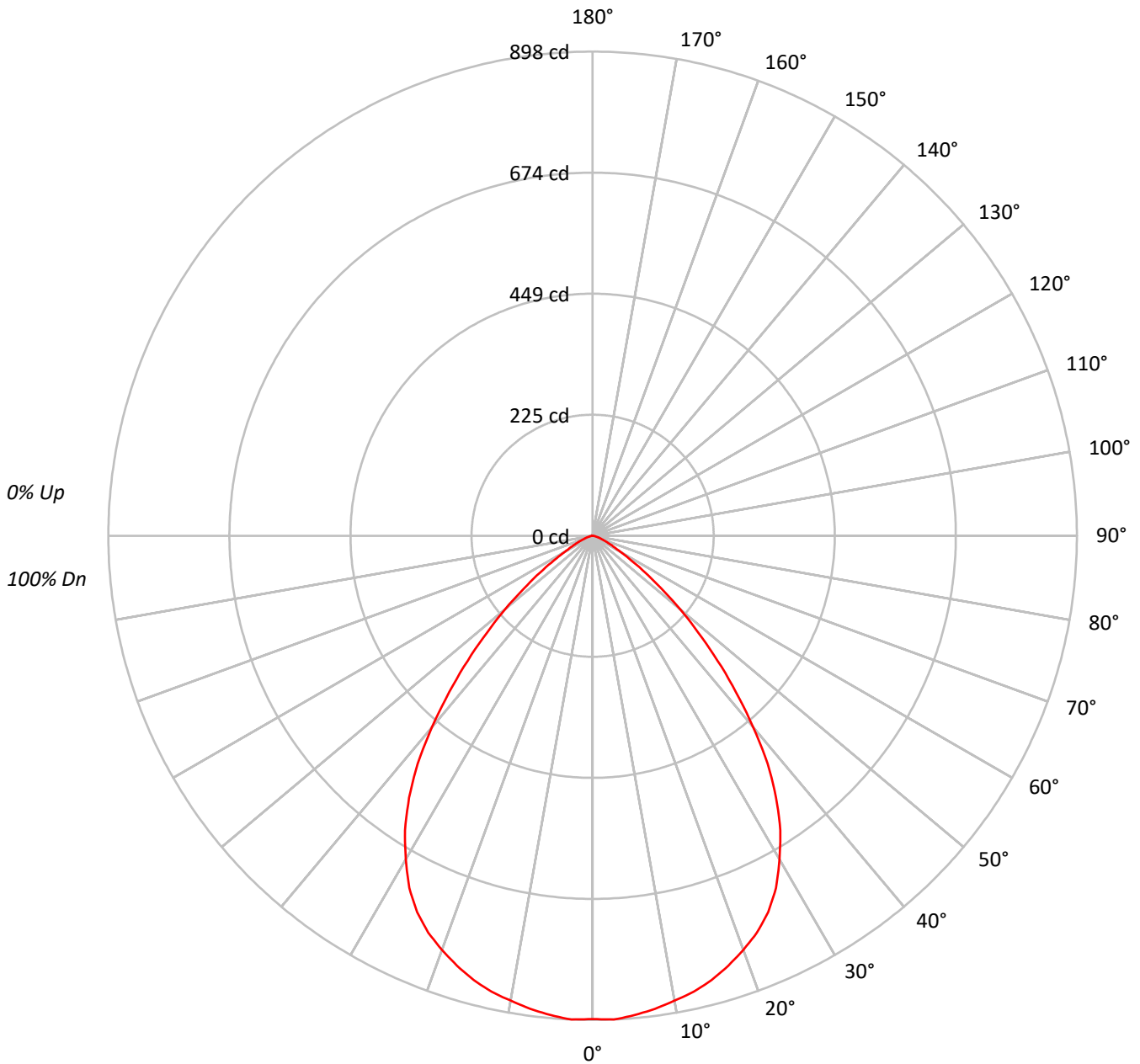
Lumens per Lamp: N/A
Luminaire Lumens: 1453.2 lumens
Efficiency: N/A
Efficacy: 85.5 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 1.16 / 1.16
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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	112	109	106	103	110	107	104	101	103	100	98	99	97	95	95	94	93	91			
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81			
3	98	90	84	79	96	89	83	78	86	81	77	83	79	76	81	78	75	73			
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	65			
5	86	75	68	63	84	74	68	63	72	66	62	71	65	61	69	64	61	59			
6	80	69	62	57	78	68	61	56	67	61	56	65	60	56	64	59	55	53			
7	75	64	56	51	73	63	56	51	62	55	51	60	55	51	59	54	50	49			
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	47	43	53	47	43	52	47	42	51	46	42	41			
10	62	51	44	40	61	50	44	39	50	43	39	49	43	39	48	43	39	38			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	49130
5°	49114
10°	48735
15°	48411
20°	47674
25°	46587
30°	43868
35°	39692
40°	33148
45°	25406
50°	17987
55°	11345
60°	6403
65°	4151
70°	2709
75°	1991
80°	1200
85°	1195



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	84.6	5.8
10°-20°	240.2	16.5
20°-30°	352.2	24.2
30°-40°	366.5	25.2
40°-50°	253.6	17.5
50°-60°	110.4	7.6
60°-70°	33.9	2.3
70°-80°	10.1	0.7
80°-90°	1.5	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°	677.1	46.6
0°-40°	1043.6	71.8
0°-60°	1407.6	96.9
0°-90°	1453.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1453.2	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	896	
5°	892	85
15°	853	240
25°	770	352
35°	593	367
45°	328	254
55°	119	110
65°	32	34
75°	9	10
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	896.2
2.5°	898.1
5°	892.5
7.5°	885.0
10°	875.5
12.5°	866.2
15°	853.0
17.5°	836.1
20°	817.2
22.5°	796.5
25°	770.2
27.5°	736.2
30°	693.0
32.5°	647.7
35°	593.1
37.5°	532.9
40°	463.2
42.5°	393.5
45°	327.7
47.5°	265.5
50°	210.9
52.5°	160.1
55°	118.7
57.5°	84.7
60°	58.4
62.5°	43.4
65°	32.0
67.5°	24.5
70°	16.9
72.5°	13.2
75°	9.4
77.5°	5.6
80°	3.8
82.5°	1.9
85°	1.9
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)