

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: P844090

Luminaire Tested: **LD6C15DE010B2750 EU6C15B50 6LBMMW**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844090
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: LD6C15DE010B2750 EU6C15B50 6LBMMW
Description:
Light Source: -
Ballast/Driver:

Summary

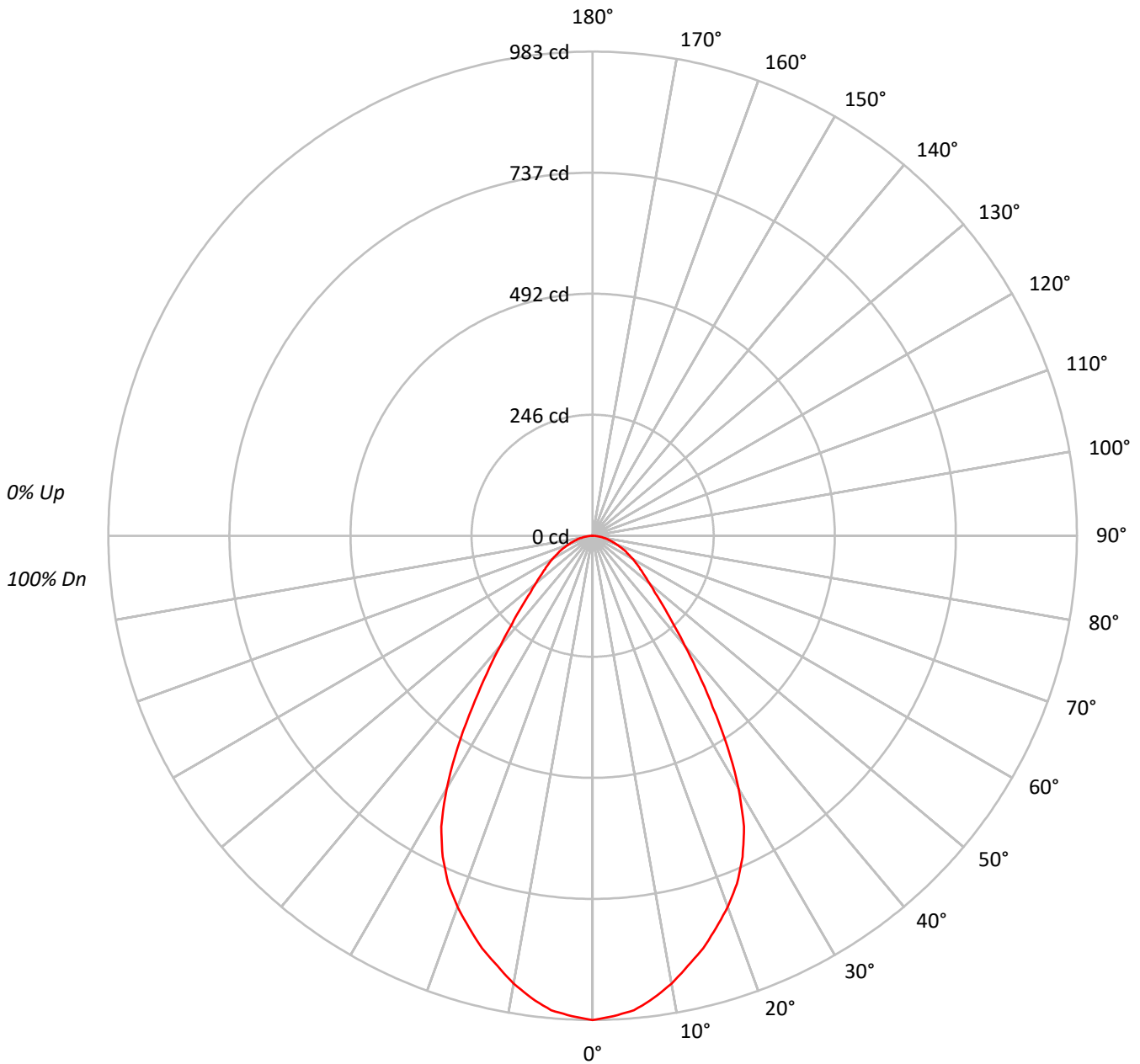
Lumens per Lamp: N/A
Luminaire Lumens: 1317.9 lumens
Efficiency: N/A
Efficacy: 77.5 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P844090

CATALOG NUMBER: LD6C15DE010B2750 EU6C15B50 6LBMMW

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°	53905
5°	53214
10°	51396
15°	49206
20°	46764
25°	43533
30°	37506
35°	28462
40°	20810
45°	15785
50°	12870
55°	11288
60°	10372
65°	9443
70°	8447
75°	7710
80°	6882
85°	5724



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.8	6.9
10°-20°	243.3	18.5
20°-30°	326.7	24.8
30°-40°	268.0	20.3
40°-50°	161.0	12.2
50°-60°	106.9	8.1
60°-70°	71.7	5.4
70°-80°	38.6	2.9
80°-90°	10.9	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°	660.8	50.1
0°-40°	928.8	70.5
0°-60°	1196.7	90.8
0°-90°	1317.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1317.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	983	
5°	967	91
15°	867	243
25°	720	327
35°	425	268
45°	204	161
55°	118	107
65°	73	72
75°	36	39
85°	9	11
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	983.3
2.5°	976.0
5°	967.0
7.5°	947.0
10°	923.3
12.5°	894.2
15°	867.0
17.5°	834.3
20°	801.6
22.5°	765.2
25°	719.7
27.5°	665.3
30°	592.5
32.5°	510.7
35°	425.3
37.5°	352.6
40°	290.8
42.5°	241.8
45°	203.6
47.5°	172.7
50°	150.9
52.5°	132.7
55°	118.1
57.5°	105.4
60°	94.6
62.5°	81.8
65°	72.8
67.5°	61.8
70°	52.7
72.5°	43.6
75°	36.4
77.5°	29.1
80°	21.8
82.5°	16.4
85°	9.1
87.5°	3.6
90°	0.0



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— 0°-180°







(END OF REPORT)