

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: P844073

Luminaire Tested: **LD6C15DE010B2750 EU6C15B40 6LBMMW**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844073
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 EU6C15B40 6LBMMW
Description:
Light Source: -
Ballast/Driver:

Summary

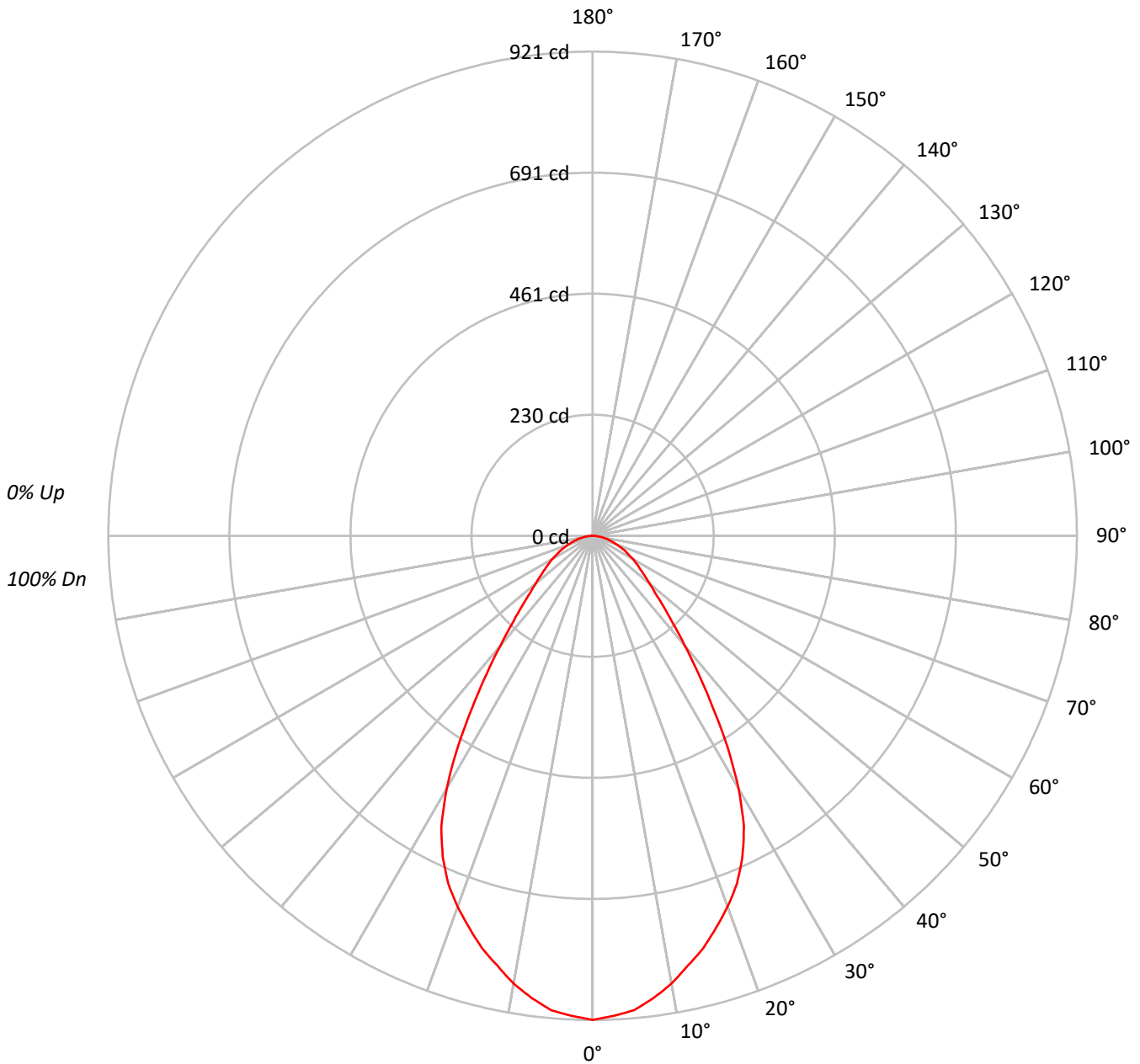
Lumens per Lamp: N/A
Luminaire Lumens: 1234.3 lumens
Efficiency: N/A
Efficacy: 72.6 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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			100
1	111	108	104	101	109	105	103	100	101	99	97	98	96	94	94	92	91	89			89
2	104	97	92	88	101	96	91	87	92	88	85	89	86	83	86	83	81	79			79
3	97	88	82	77	95	87	81	76	84	79	75	82	77	74	79	76	73	71			71
4	90	81	74	68	88	80	73	68	77	72	67	75	70	66	73	69	65	64			64
5	85	74	67	61	83	73	66	61	71	65	61	69	64	60	68	63	59	58			58
6	79	68	61	56	78	68	61	56	66	60	55	64	59	55	63	58	54	53			53
7	75	63	56	51	73	63	56	51	61	55	50	60	54	50	59	54	50	48			48
8	70	59	52	47	69	58	51	47	57	51	46	56	50	46	55	50	46	44			44
9	66	55	48	43	65	54	48	43	53	47	43	52	47	43	51	46	43	41			41
10	63	51	45	40	62	51	44	40	50	44	40	49	44	40	48	43	40	38			38

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	50489
5°	49840
10°	48140
15°	46090
20°	43795
25°	40775
30°	35126
35°	26662
40°	19487
45°	14784
50°	12051
55°	10571
60°	9703
65°	8834
70°	7918
75°	7223
80°	6440
85°	5346



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.1	6.9
10°-20°	227.9	18.5
20°-30°	306.0	24.8
30°-40°	251.0	20.3
40°-50°	150.7	12.2
50°-60°	100.2	8.1
60°-70°	67.1	5.4
70°-80°	36.1	2.9
80°-90°	10.2	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°	618.9	50.1
0°-40°	869.9	70.5
0°-60°	1120.8	90.8
0°-90°	1234.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1234.3	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	921	
5°	906	85
15°	812	228
25°	674	306
35°	398	251
45°	191	151
55°	111	100
65°	68	67
75°	34	36
85°	8	10
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	921.0
2.5°	914.1
5°	905.7
7.5°	886.9
10°	864.8
12.5°	837.5
15°	812.1
17.5°	781.4
20°	750.7
22.5°	716.7
25°	674.1
27.5°	623.1
30°	554.9
32.5°	478.4
35°	398.4
37.5°	330.3
40°	272.3
42.5°	226.4
45°	190.7
47.5°	161.7
50°	141.3
52.5°	124.3
55°	110.6
57.5°	98.8
60°	88.5
62.5°	76.6
65°	68.1
67.5°	57.9
70°	49.4
72.5°	40.8
75°	34.1
77.5°	27.2
80°	20.4
82.5°	15.3
85°	8.5
87.5°	3.4
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)