

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: P843954

Luminaire Tested: **LD6C10DE010B2750 EU6C10B30 6LBMMW**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P843954
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: LD6C10DE010B2750 EU6C10B30 6LBMMW
Description:
Light Source: -
Ballast/Driver:

Summary

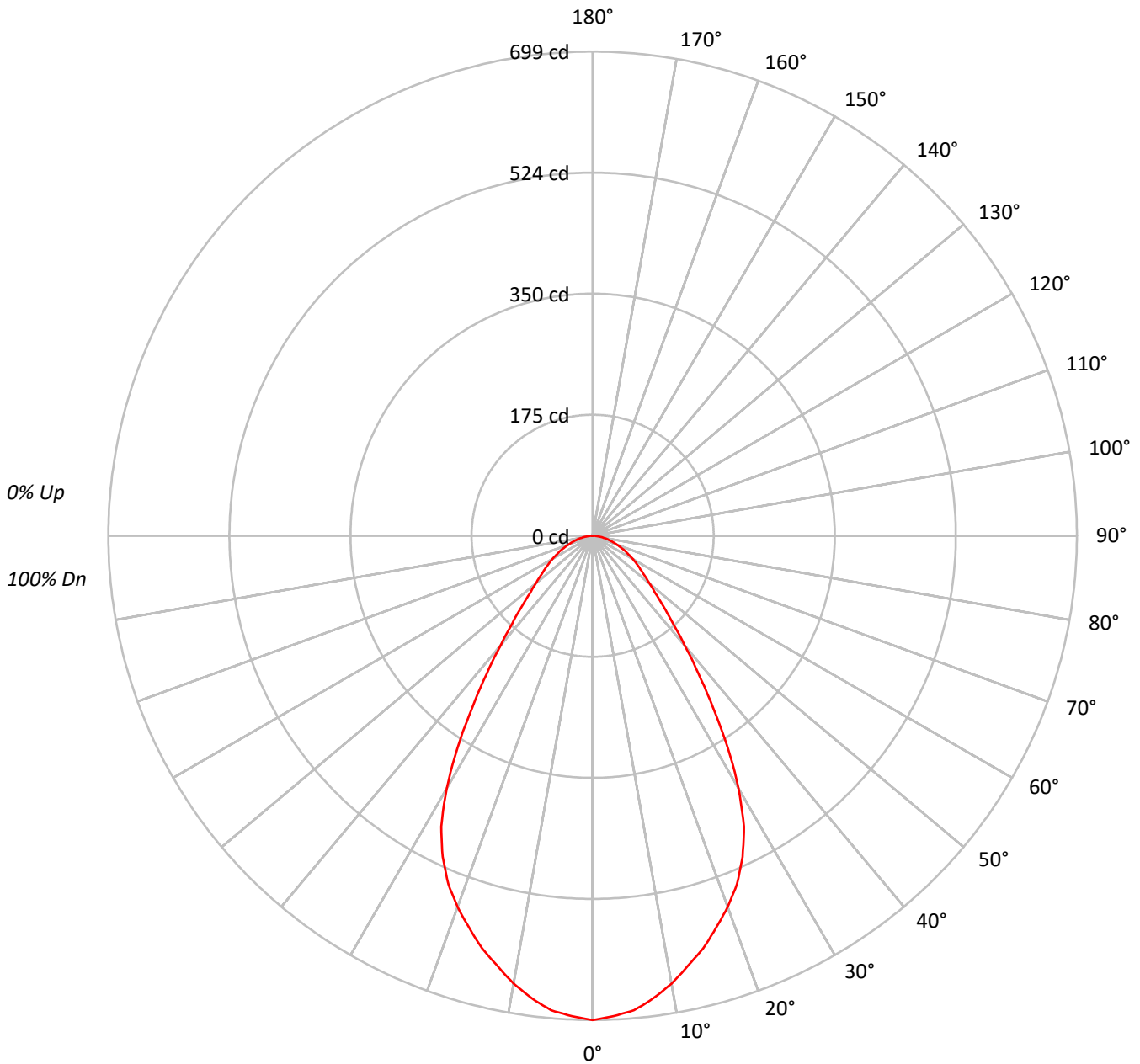
Lumens per Lamp: N/A
Luminaire Lumens: 937.1 lumens
Efficiency: N/A
Efficacy: 70.5 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 13.3
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				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°	38330
5°	37838
10°	36550
15°	34989
20°	33253
25°	30957
30°	26675
35°	20244
40°	14799
45°	11226
50°	9143
55°	8028
60°	7368
65°	6706
70°	5995
75°	5465
80°	4893
85°	4088



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.6	6.9
10°-20°	173.0	18.5
20°-30°	232.3	24.8
30°-40°	190.6	20.3
40°-50°	114.4	12.2
50°-60°	76.0	8.1
60°-70°	51.0	5.4
70°-80°	27.4	2.9
80°-90°	7.7	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°	469.9	50.1
0°-40°	660.5	70.5
0°-60°	851.0	90.8
0°-90°	937.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	937.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	699	
5°	688	65
15°	616	173
25°	512	232
35°	302	191
45°	145	114
55°	84	76
65°	52	51
75°	26	27
85°	6	8
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	699.2
2.5°	694.0
5°	687.6
7.5°	673.4
10°	656.6
12.5°	635.8
15°	616.5
17.5°	593.2
20°	570.0
22.5°	544.2
25°	511.8
27.5°	473.1
30°	421.4
32.5°	363.2
35°	302.5
37.5°	250.8
40°	206.8
42.5°	171.9
45°	144.8
47.5°	122.8
50°	107.2
52.5°	94.3
55°	84.0
57.5°	75.0
60°	67.2
62.5°	58.2
65°	51.7
67.5°	44.0
70°	37.4
72.5°	31.0
75°	25.8
77.5°	20.6
80°	15.5
82.5°	11.6
85°	6.5
87.5°	2.5
90°	0.0



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— 0°-180°







(END OF REPORT)