

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: P843933

Luminaire Tested: **LD6C10DE010B2750 EU6C10B27 6LBMB**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P843933
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 EU6C10B27 6LBMB
Description:
Light Source: -
Ballast/Driver:

Summary

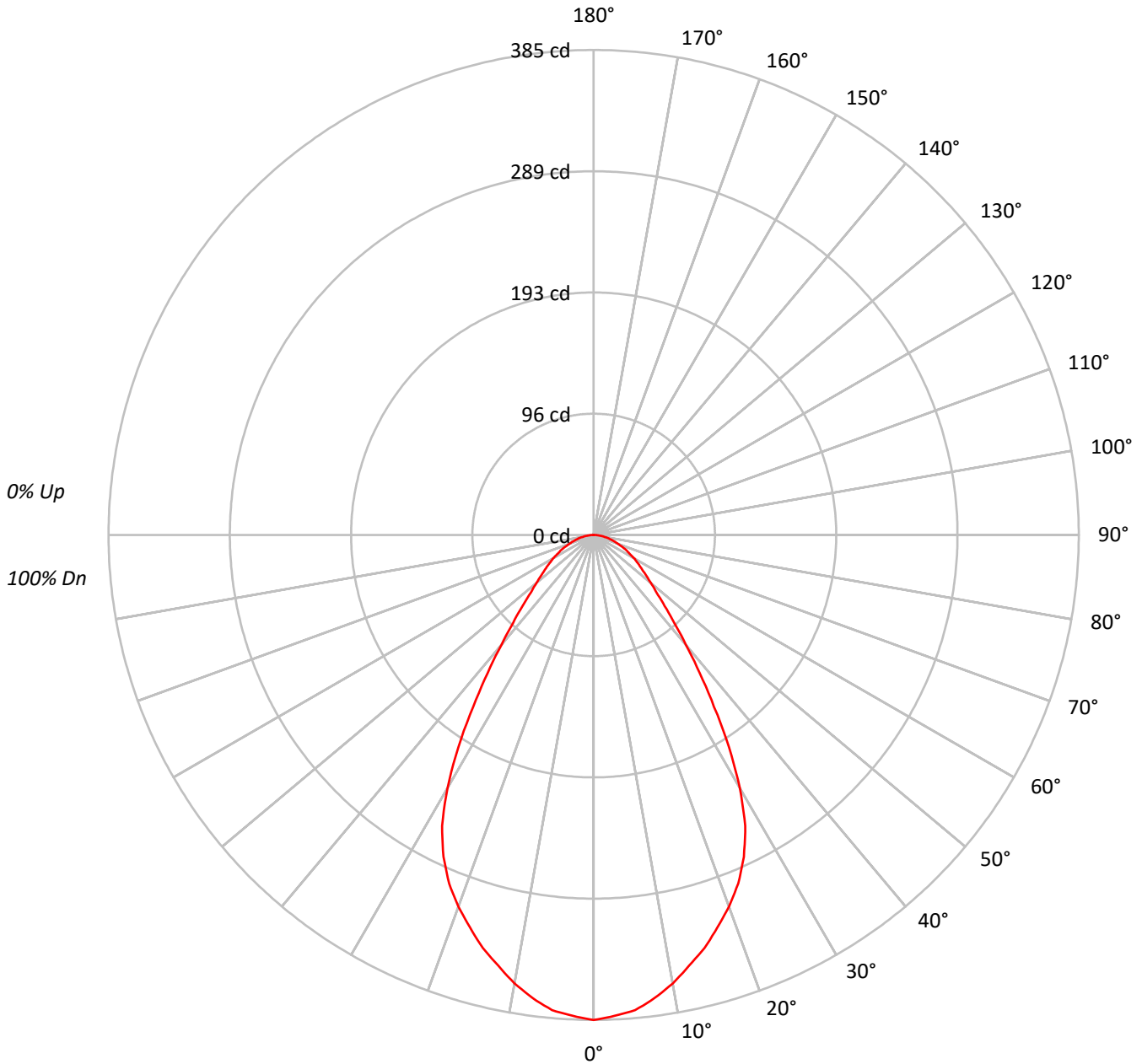
Lumens per Lamp: N/A
Luminaire Lumens: 516.1 lumens
Efficiency: N/A
Efficacy: 38.8 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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				
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°	21111
5°	20840
10°	20129
15°	19274
20°	18312
25°	17051
30°	14686
35°	11149
40°	8151
45°	6179
50°	5040
55°	4416
60°	4057
65°	3697
70°	3302
75°	3029
80°	2715
85°	2264



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.6	6.9
10°-20°	95.3	18.5
20°-30°	127.9	24.8
30°-40°	105.0	20.3
40°-50°	63.0	12.2
50°-60°	41.8	8.1
60°-70°	28.1	5.4
70°-80°	15.1	2.9
80°-90°	4.3	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°	258.8	50.1
0°-40°	363.8	70.5
0°-60°	468.6	90.8
0°-90°	516.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	516.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	385	
5°	379	36
15°	340	95
25°	282	128
35°	167	105
45°	80	63
55°	46	42
65°	28	28
75°	14	15
85°	4	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	385.1
2.5°	382.2
5°	378.7
7.5°	370.9
10°	361.6
12.5°	350.2
15°	339.6
17.5°	326.7
20°	313.9
22.5°	299.7
25°	281.9
27.5°	260.5
30°	232.0
32.5°	200.0
35°	166.6
37.5°	138.1
40°	113.9
42.5°	94.7
45°	79.7
47.5°	67.6
50°	59.1
52.5°	51.9
55°	46.2
57.5°	41.2
60°	37.0
62.5°	32.0
65°	28.5
67.5°	24.2
70°	20.6
72.5°	17.1
75°	14.3
77.5°	11.4
80°	8.6
82.5°	6.5
85°	3.6
87.5°	1.4
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)