

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: P844002

Luminaire Tested: **LD6C10DE010B50 EU6C10B50 6LBMGPH**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844002
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: LD6C10DE010B50 EU6C10B50 6LBMGPH
Description:
Light Source: -
Ballast/Driver:

Summary

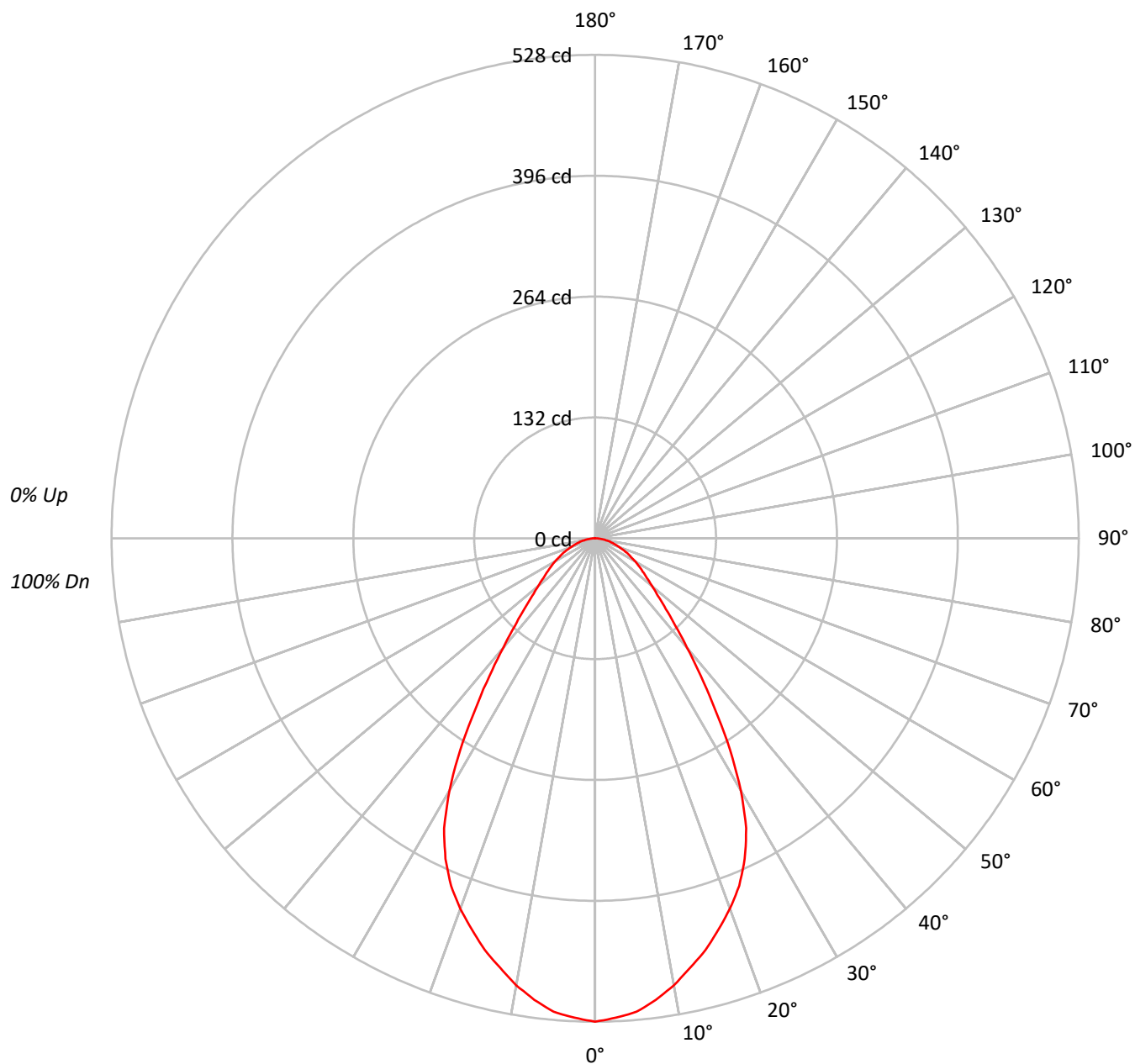
Lumens per Lamp: N/A
Luminaire Lumens: 707.6 lumens
Efficiency: N/A
Efficacy: 53.2 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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					0
RW	70	50	30	10	70	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			100
1	111	108	104	101	109	105	103	100		101	99	97			98	96	94			89
2	104	97	92	88	101	96	91	87		92	88	85			89	86	83			79
3	97	88	82	77	95	87	81	76		84	79	75			82	77	74			71
4	90	81	74	68	88	80	73	68		77	72	67			75	70	66			64
5	85	74	67	61	83	73	66	61		71	65	61			69	64	60			58
6	79	68	61	56	78	68	61	56		66	60	55			64	59	55			53
7	75	63	56	51	73	63	56	51		61	55	50			60	54	50			48
8	70	59	52	47	69	58	51	47		57	51	46			56	50	46			44
9	66	55	48	43	65	54	48	43		53	47	43			52	47	43			41
10	63	51	45	40	62	51	44	40		50	44	40			49	44	40			38

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	28945
5°	28571
10°	27594
15°	26419
20°	25109
25°	23378
30°	20136
35°	15279
40°	11171
45°	8474
50°	6908
55°	6069
60°	5570
65°	5059
70°	4520
75°	4130
80°	3694
85°	3082



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.8	6.9
10°-20°	130.6	18.5
20°-30°	175.4	24.8
30°-40°	143.9	20.3
40°-50°	86.4	12.2
50°-60°	57.5	8.1
60°-70°	38.5	5.4
70°-80°	20.7	2.9
80°-90°	5.8	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°	354.8	50.1
0°-40°	498.7	70.5
0°-60°	642.6	90.8
0°-90°	707.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	707.6	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	528	
5°	519	49
15°	466	131
25°	386	175
35°	228	144
45°	109	86
55°	64	57
65°	39	38
75°	20	21
85°	5	6
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	528.0
2.5°	524.1
5°	519.2
7.5°	508.4
10°	495.7
12.5°	480.2
15°	465.5
17.5°	447.9
20°	430.4
22.5°	410.9
25°	386.5
27.5°	357.2
30°	318.1
32.5°	274.2
35°	228.3
37.5°	189.3
40°	156.1
42.5°	129.8
45°	109.3
47.5°	92.8
50°	81.0
52.5°	71.3
55°	63.5
57.5°	56.6
60°	50.8
62.5°	43.9
65°	39.0
67.5°	33.2
70°	28.2
72.5°	23.4
75°	19.5
77.5°	15.7
80°	11.7
82.5°	8.8
85°	4.9
87.5°	1.9
90°	0.0



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— 0°-180°







(END OF REPORT)