

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: P844005

Luminaire Tested: **LD6C10DE010B50 EU6C10B50 6LBMMW**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844005
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 6LBMMW
Description:
Light Source: -
Ballast/Driver:

Summary

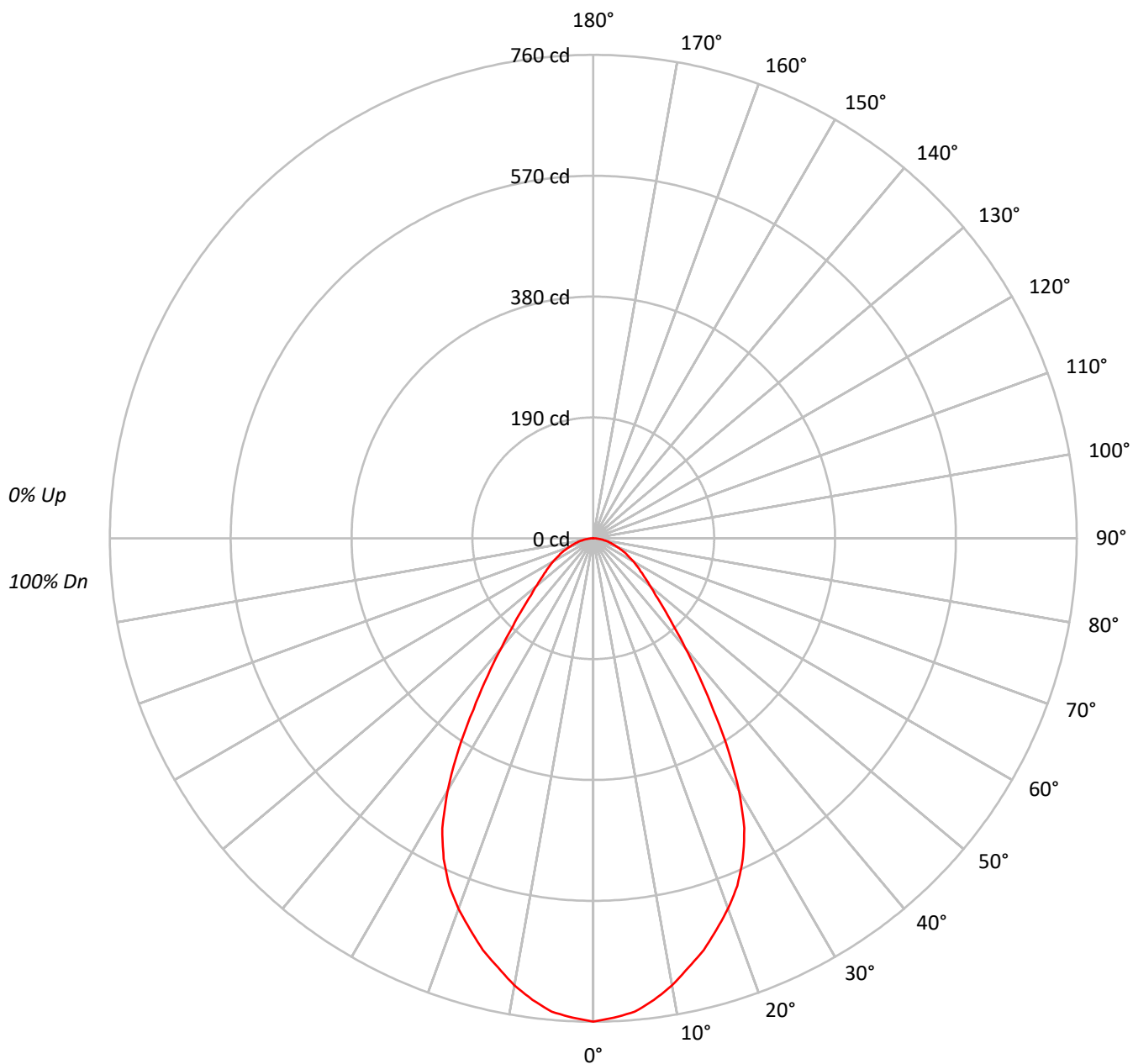
Lumens per Lamp: N/A
Luminaire Lumens: 1018.6 lumens
Efficiency: N/A
Efficacy: 76.6 lumens/watt
Spacing Criteria (0/90/45): 1 / 1 / 0.97
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 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
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	111	108	104	101		109	105	103	100		101	99	97		98	96	94		94	92	91
2	104	97	92	88		101	96	91	87		92	88	85		89	86	83		86	83	81
3	97	88	82	77		95	87	81	76		84	79	75		82	77	74		79	76	73
4	90	81	74	68		88	80	73	68		77	72	67		75	70	66		73	69	65
5	85	74	67	61		83	73	66	61		71	65	61		69	64	60		68	63	59
6	79	68	61	56		78	68	61	56		66	60	55		64	59	55		63	58	54
7	75	63	56	51		73	63	56	51		61	55	50		60	54	50		59	54	50
8	70	59	52	47		69	58	51	47		57	51	46		56	50	46		55	50	46
9	66	55	48	43		65	54	48	43		53	47	43		52	47	43		51	46	43
10	63	51	45	40		62	51	44	40		50	44	40		49	44	40		48	43	40

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	41658
5°	41124
10°	39723
15°	38031
20°	36141
25°	33649
30°	28992
35°	21998
40°	16080
45°	12203
50°	9953
55°	8726
60°	8015
65°	7290
70°	6524
75°	5952
80°	5335
85°	4403



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.2	6.9
10°-20°	188.0	18.5
20°-30°	252.5	24.8
30°-40°	207.1	20.3
40°-50°	124.4	12.2
50°-60°	82.7	8.1
60°-70°	55.4	5.4
70°-80°	29.8	2.9
80°-90°	8.4	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°	510.7	50.1
0°-40°	717.9	70.5
0°-60°	924.9	90.8
0°-90°	1018.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1018.6	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	760	
5°	747	70
15°	670	188
25°	556	252
35°	329	207
45°	157	124
55°	91	83
65°	56	55
75°	28	30
85°	7	8
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	759.9
2.5°	754.3
5°	747.3
7.5°	731.9
10°	713.6
12.5°	691.2
15°	670.1
17.5°	644.7
20°	619.5
22.5°	591.4
25°	556.3
27.5°	514.1
30°	458.0
32.5°	394.7
35°	328.7
37.5°	272.6
40°	224.7
42.5°	186.9
45°	157.4
47.5°	133.5
50°	116.7
52.5°	102.6
55°	91.3
57.5°	81.4
60°	73.1
62.5°	63.2
65°	56.2
67.5°	47.8
70°	40.7
72.5°	33.7
75°	28.1
77.5°	22.4
80°	16.9
82.5°	12.6
85°	7.0
87.5°	2.9
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)