

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: PORTFOLIO

Report Number: P1179702

Luminaire Tested: LDA2B208030R2060D010 2LBDC1MW

Issue Date: 1/17/2025

Test Information

Test Method: LM-79-2019
Report Number: P1179702
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2010-034-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/17/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDA2B208030R2060D010 2LBDC1MW
Description: 2000 LUMEN 2IN ADJUSTABLE LED LUMINAIRE WITH 80 CRI LEDS AND 3000K CCT LEDS
Light Source: -
Ballast/Driver: -

Summary

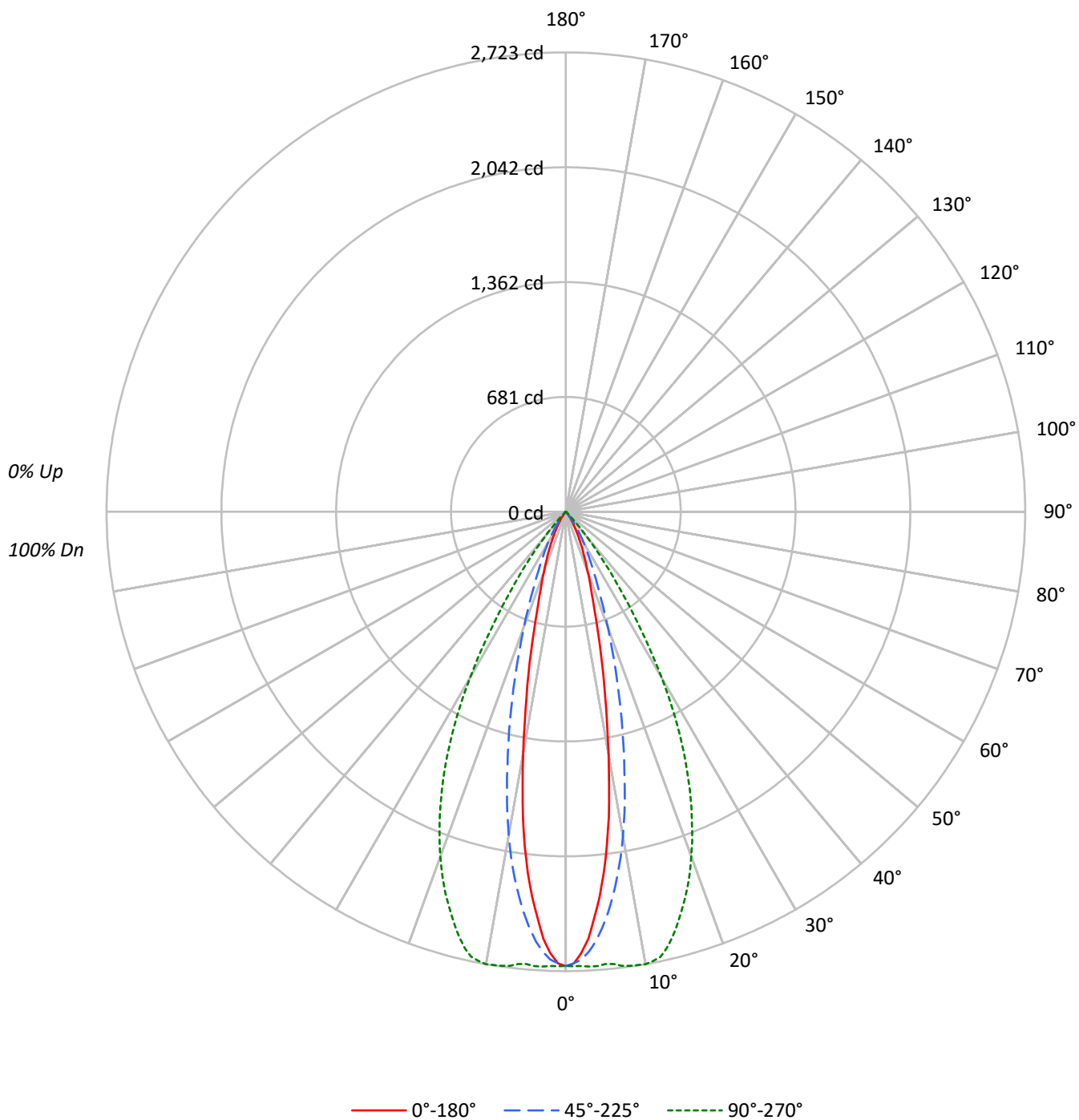
Lumens per Lamp: N/A
Luminaire Lumens: 1072.7 lumens
Efficiency: N/A
Efficacy: 52.1 lumens/watt
Spacing Criteria (0/90/45): 0.36 / 0.9 / 0.52
Luminous Opening: Circular (Dia: 0.17' x H: 0')
CIE Type: Direct

Input Watts (W): 20.6
Input Voltage (V): NR
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: 24 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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	106	102	99	108	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	99	95	92	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	93	86	81	77	92	85	81	77	84	80	77		82	79	76		81
7	90	82	77	74	89	81	77	73	80	76	73		79	75	73		78
8	86	79	74	70	85	78	73	70	77	73	70		76	72	69		75
9	83	75	70	67	82	75	70	67	74	70	67		73	69	66		72
10	80	72	67	64	79	72	67	64	71	67	64		70	66	64		70

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1328623	1328623	1328623
5°	1134609	1226379	1332411
10°	730468	977698	1364199
15°	374698	652095	1298162
20°	200139	381063	1141824
25°	111540	208927	928740
30°	59475	119007	646991
35°	25958	57398	337279
40°	7535	16809	127777
45°	1814	4535	19117
50°	998	998	1996
55°	1118	1118	1118
60°	0	1283	1283
65°	0	1518	1518
70°	0	1875	1875
75°	0	2478	2478
80°	0	3694	3694
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 19117 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	222.3	20.7
10°-20°	404.6	37.7
20°-30°	306.7	28.6
30°-40°	122.7	11.4
40°-50°	12.4	1.2
50°-60°	1.3	0.1
60°-70°	1.1	0.1
70°-80°	1.2	0.1
80°-90°	0.3	0.0
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°	933.6	87.0
0°-40°	1056.3	98.5
0°-60°	1070.0	99.8
0°-90°	1072.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1072.7	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2693	2693	2693	2693	2693	
5°	2291	2342	2476	2620	2690	192
15°	734	851	1277	2102	2542	210
25°	205	239	384	1096	1706	97
35°	43	54	95	290	560	30
45°	3	4	6	13	27	3
55°	1	1	1	1	1	1
65°	0	1	1	1	1	0
75°	0	1	1	1	1	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2693.0	2693.0	2693.0	2693.0	2693.0
1°	2678.7	2680.0	2677.4	2681.3	2694.3
2°	2618.6	2638.2	2655.2	2672.1	2694.3
3°	2535.1	2558.6	2612.1	2665.6	2699.6
4°	2412.4	2460.7	2552.0	2649.9	2699.6
5°	2291.0	2341.9	2476.3	2619.9	2690.4
6°	2152.6	2225.7	2388.9	2591.2	2695.6
7°	1995.9	2086.0	2292.3	2572.9	2711.3
8°	1826.2	1928.1	2186.5	2533.8	2717.8
9°	1638.3	1762.3	2074.3	2486.8	2720.4
10°	1458.1	1588.7	1951.6	2433.3	2723.1
11°	1278.0	1413.7	1818.4	2381.0	2712.6
12°	1125.2	1254.5	1678.7	2326.2	2696.9
13°	984.3	1109.6	1540.4	2260.9	2656.5
14°	853.7	976.4	1407.2	2185.2	2603.0
15°	733.6	851.1	1276.7	2101.7	2541.6
16°	625.3	734.9	1151.4	2009.0	2473.7
17°	547.0	634.4	1033.9	1911.1	2407.1
18°	485.6	550.9	922.9	1814.5	2336.7
19°	430.8	483.0	819.8	1714.0	2258.3
20°	381.2	428.2	725.8	1609.6	2174.8
21°	339.4	379.9	638.3	1506.4	2089.9
22°	302.9	338.1	560.0	1404.6	1997.3
23°	268.9	300.2	493.4	1301.5	1904.6
24°	236.3	270.2	434.7	1197.0	1808.0
25°	204.9	238.9	383.8	1096.5	1706.1
26°	180.1	211.5	340.7	998.6	1600.4
27°	155.3	188.0	302.9	904.6	1493.4
28°	135.8	165.8	268.9	814.6	1377.2
29°	117.5	146.2	237.6	725.8	1258.4
30°	104.4	126.6	208.9	642.3	1135.7
32.5°	71.8	84.9	146.2	451.7	828.9
35°	43.1	53.5	95.3	289.8	560.0
37.5°	23.5	28.7	54.8	173.6	352.5
40°	11.7	14.4	26.1	84.9	198.4
42.5°	5.2	6.5	11.7	32.6	84.9
45°	2.6	3.9	6.5	13.1	27.4
47.5°	1.3	2.6	2.6	5.2	7.8
50°	1.3	1.3	1.3	2.6	2.6
52.5°	1.3	1.3	1.3	2.6	2.6
55°	1.3	1.3	1.3	1.3	1.3
57.5°	0.0	1.3	1.3	1.3	1.3
60°	0.0	1.3	1.3	1.3	1.3
62.5°	0.0	1.3	1.3	1.3	1.3
65°	0.0	1.3	1.3	1.3	1.3



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	0.0	1.3	1.3	1.3	1.3
70°	0.0	1.3	1.3	1.3	1.3
72.5°	0.0	1.3	1.3	1.3	1.3
75°	0.0	1.3	1.3	1.3	1.3
77.5°	0.0	1.3	1.3	1.3	1.3
80°	0.0	0.0	1.3	1.3	1.3
82.5°	0.0	0.0	1.3	1.3	1.3
85°	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)