

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: P1179737

Luminaire Tested: LDA2B208035R2060D010 2LBDC1MMS

Issue Date: 1/17/2025

Test Information

Test Method: LM-79-2019
Report Number: P1179737
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: LDA2B208035R2060D010 2LBDC1MMS
Description: 2000 LUMEN 2IN ADJUSTABLE LED LUMINAIRE WITH 80 CRI LEDS AND 3500K CCT LEDS
Light Source: -
Ballast/Driver: -

Summary

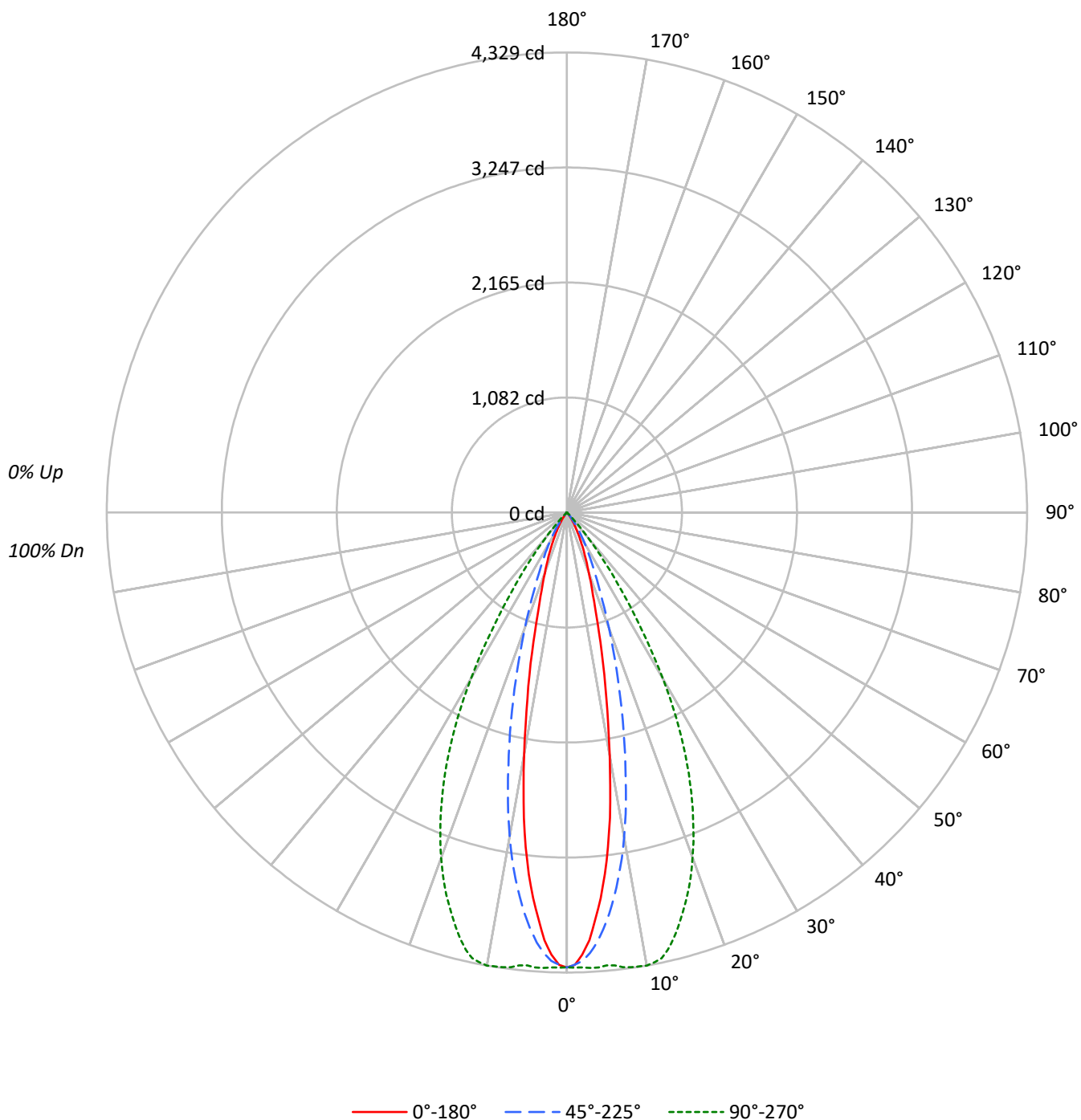
Lumens per Lamp: N/A
Luminaire Lumens: 1705.4 lumens
Efficiency: N/A
Efficacy: 82.8 lumens/watt
Spacing Criteria (0/90/45): 0.36 / 0.9 / 0.52
Luminous Opening: Circular (Dia: 0.17' x H: 0')
CIE Type: Direct

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			0
RW	70	50	30	10	70	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
1	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99	98	97	95
2	110	106	102	99	108	104	101	98	101	98	96		98	96	94		95	93	92	90
3	105	100	96	92	103	99	95	92	96	93	90		94	91	89		91	89	87	86
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88	85	83	82
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85	82	79	78
6	93	86	81	77	92	85	81	77	84	80	77		82	79	76		81	78	76	74
7	90	82	77	74	89	81	77	73	80	76	73		79	75	73		78	75	72	71
8	86	79	74	70	85	78	73	70	77	73	70		76	72	69		75	72	69	68
9	83	75	70	67	82	75	70	67	74	70	67		73	69	66		72	69	66	65
10	80	72	67	64	79	72	67	64	71	67	64		70	66	64		70	66	64	62

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2112230	2112230	2112230
5°	1803786	1949686	2118268
10°	1161305	1554318	2168761
15°	595706	1036650	2063800
20°	318165	605826	1815273
25°	177354	332117	1476534
30°	94568	189135	1028566
35°	41256	91246	536213
40°	12044	26728	203130
45°	2930	7256	30421
50°	1612	1612	3224
55°	1806	1806	1806
60°	0	2072	2072
65°	0	2452	2452
70°	0	3029	3029
75°	0	4003	4003
80°	0	5966	5966
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 30421 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	353.4	20.7
10°-20°	643.3	37.7
20°-30°	487.6	28.6
30°-40°	195.1	11.4
40°-50°	19.8	1.2
50°-60°	2.0	0.1
60°-70°	1.8	0.1
70°-80°	1.9	0.1
80°-90°	0.5	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°	1484.2	87.0
0°-40°	1679.3	98.5
0°-60°	1701.2	99.8
0°-90°	1705.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1705.4	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4281	4281	4281	4281	4281	
5°	3642	3723	3937	4165	4277	305
15°	1166	1353	2030	3341	4041	334
25°	326	380	610	1743	2712	154
35°	68	85	152	461	890	47
45°	4	6	10	21	44	5
55°	2	2	2	2	2	1
65°	0	2	2	2	2	0
75°	0	2	2	2	2	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°	4281.3	4281.3	4281.3	4281.3	4281.3
1°	4258.5	4260.6	4256.4	4262.7	4283.4
2°	4163.1	4194.2	4221.2	4248.1	4283.4
3°	4030.2	4067.6	4152.7	4237.8	4291.7
4°	3835.2	3911.9	4057.2	4212.9	4291.7
5°	3642.2	3723.1	3936.8	4165.1	4277.2
6°	3422.2	3538.4	3797.8	4119.5	4285.5
7°	3173.1	3316.3	3644.2	4090.4	4310.4
8°	2903.3	3065.2	3476.1	4028.2	4320.8
9°	2604.5	2801.7	3297.7	3953.5	4324.9
10°	2318.1	2525.6	3102.6	3868.4	4329.1
11°	2031.7	2247.6	2890.9	3785.4	4312.5
12°	1788.9	1994.4	2668.8	3698.2	4287.6
13°	1564.8	1764.0	2448.9	3594.4	4223.2
14°	1357.2	1552.3	2237.2	3474.1	4138.2
15°	1166.3	1353.1	2029.6	3341.2	4040.6
16°	994.1	1168.4	1830.4	3193.9	3932.7
17°	869.6	1008.6	1643.6	3038.2	3826.9
18°	772.0	875.8	1467.2	2884.7	3714.8
19°	684.8	767.9	1303.3	2724.9	3590.3
20°	606.0	680.7	1153.9	2558.8	3457.5
21°	539.6	603.9	1014.8	2394.9	3322.6
22°	481.5	537.5	890.3	2233.0	3175.2
23°	427.5	477.3	784.5	2069.1	3027.9
24°	375.6	429.6	691.1	1903.1	2874.3
25°	325.8	379.8	610.1	1743.3	2712.4
26°	286.4	336.2	541.7	1587.6	2544.3
27°	247.0	298.8	481.5	1438.2	2374.1
28°	215.8	263.6	427.5	1295.0	2189.4
29°	186.8	232.4	377.7	1153.9	2000.6
30°	166.0	201.3	332.0	1021.0	1805.5
32.5°	114.1	134.9	232.4	718.1	1317.8
35°	68.5	85.1	151.5	460.7	890.3
37.5°	37.4	45.7	87.2	276.0	560.3
40°	18.7	22.8	41.5	134.9	315.4
42.5°	8.3	10.4	18.7	51.9	134.9
45°	4.2	6.2	10.4	20.8	43.6
47.5°	2.1	4.2	4.2	8.3	12.5
50°	2.1	2.1	2.1	4.2	4.2
52.5°	2.1	2.1	2.1	4.2	4.2
55°	2.1	2.1	2.1	2.1	2.1
57.5°	0.0	2.1	2.1	2.1	2.1
60°	0.0	2.1	2.1	2.1	2.1
62.5°	0.0	2.1	2.1	2.1	2.1
65°	0.0	2.1	2.1	2.1	2.1



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	0.0	2.1	2.1	2.1	2.1
70°	0.0	2.1	2.1	2.1	2.1
72.5°	0.0	2.1	2.1	2.1	2.1
75°	0.0	2.1	2.1	2.1	2.1
77.5°	0.0	2.1	2.1	2.1	2.1
80°	0.0	0.0	2.1	2.1	2.1
82.5°	0.0	0.0	2.1	2.1	2.1
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)