

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: P1324082

Luminaire Tested: LDSQA3D17R409030D2WDE010 3LSQCDR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324082
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D17R409030D2WDE010 3LSQCDR1MB
Description: 3in Adjustable Dim to Warm LED luminaire with, R40 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

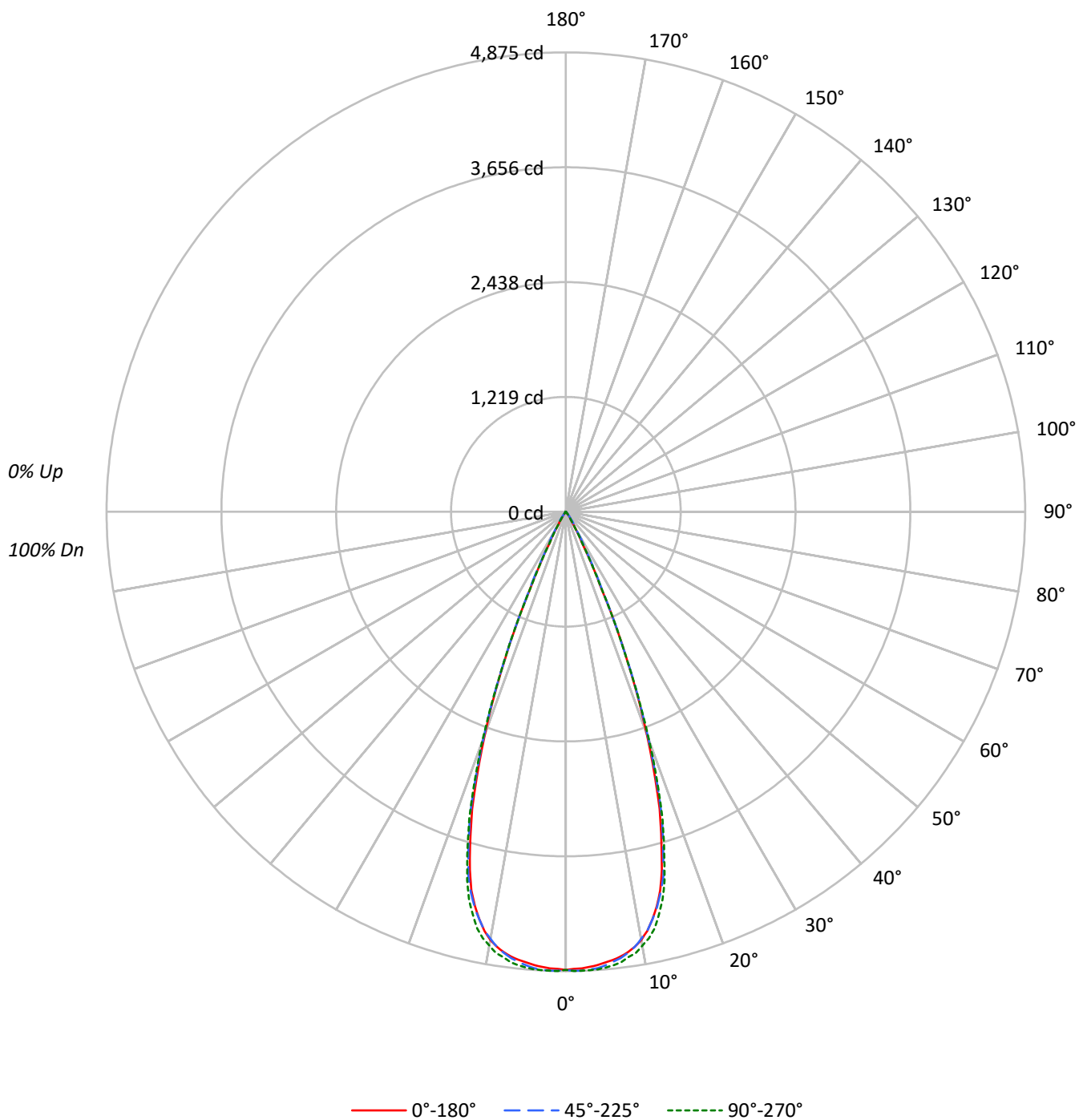
Lumens per Lamp: N/A
Luminaire Lumens: 2045.0 lumens
Efficiency: N/A
Efficacy: 74.9 lumens/watt
Spacing Criteria (0/90/45): 0.68 / 0.69 / 0.6
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.3
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					0
RW	70	50	30	10	70	50	30	10	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	102	102	100
1	115	113	111	109	112	110	109	107	106	105	104	103	102	101	99	99	98	98	98	96
2	111	107	104	101	109	105	102	100	102	100	98	99	97	96	97	95	94	94	94	92
3	107	102	98	95	105	101	97	94	98	95	93	96	93	91	94	92	90	90	90	89
4	103	97	93	90	102	96	92	89	94	91	88	92	90	87	91	88	87	87	87	85
5	100	93	89	86	98	93	88	85	91	87	85	89	86	84	88	85	83	83	83	82
6	96	90	85	82	95	89	85	82	88	84	81	86	83	81	85	82	80	80	80	79
7	93	86	82	79	92	86	81	78	85	81	78	83	80	78	82	80	77	77	77	76
8	90	83	79	76	89	83	78	75	82	78	75	81	77	75	80	77	75	75	75	73
9	87	80	76	73	86	80	75	73	79	75	72	78	75	72	77	74	72	72	72	71
10	85	77	73	70	84	77	73	70	76	72	70	76	72	70	75	72	70	70	70	69

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	837536	837536	837536
5°	830276	835497	839490
10°	806631	805128	817719
15°	701727	713014	721750
20°	460553	469534	475600
25°	164183	173760	163366
30°	35796	48404	36074
35°	11500	19973	11206
40°	3552	6160	3237
45°	341	2095	341
50°	0	375	0
55°	0	0	0
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 2095 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	454.8	22.2
10°-20°	1059.1	51.8
20°-30°	475.0	23.2
30°-40°	51.3	2.5
40°-50°	4.8	0.2
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	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°	1988.9	97.3
0°-40°	2040.2	99.8
0°-60°	2045.0	100.0
0°-90°	2045.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2045.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4863	4863	4863	4863	4863	
5°	4803	4816	4833	4840	4856	453
15°	3936	3964	3999	4022	4048	1046
25°	864	890	914	930	860	461
35°	55	63	95	62	53	42
45°	1	3	9	3	1	3
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	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°	4863.1	4863.1	4863.1	4863.1	4863.1
1°	4853.0	4863.1	4871.7	4864.5	4874.6
2°	4848.7	4860.2	4873.1	4865.9	4874.6
3°	4837.1	4851.5	4865.9	4861.6	4870.3
4°	4821.3	4832.8	4854.4	4854.4	4867.4
5°	4802.6	4815.5	4832.8	4840.0	4855.9
6°	4782.4	4789.6	4802.6	4817.0	4838.6
7°	4756.5	4756.5	4772.3	4786.7	4815.5
8°	4720.5	4717.6	4729.1	4747.9	4773.8
9°	4675.9	4665.8	4674.4	4701.8	4740.7
10°	4612.5	4603.9	4603.9	4638.4	4675.9
11°	4530.4	4527.5	4529.0	4562.1	4612.5
12°	4419.5	4422.4	4422.4	4459.9	4521.8
13°	4294.2	4292.8	4305.8	4347.5	4389.3
14°	4141.6	4150.2	4163.2	4200.6	4243.8
15°	3935.7	3964.5	3999.0	4022.1	4048.0
17.5°	3309.2	3338.0	3385.6	3404.3	3410.1
20°	2512.9	2554.7	2561.9	2599.3	2595.0
22.5°	1684.9	1682.0	1687.7	1692.1	1693.5
25°	864.0	890.0	914.4	930.3	859.7
27.5°	375.9	420.5	452.2	410.4	380.2
30°	180.0	204.5	243.4	205.9	181.4
32.5°	97.9	113.8	154.1	112.3	96.5
35°	54.7	63.4	95.0	61.9	53.3
37.5°	31.7	34.6	51.8	34.6	30.2
40°	15.8	20.2	27.4	20.2	14.4
42.5°	5.8	10.1	14.4	10.1	5.8
45°	1.4	2.9	8.6	2.9	1.4
47.5°	0.0	0.0	4.3	0.0	0.0
50°	0.0	0.0	1.4	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)