

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: P1324031

Luminaire Tested: LDSQA3D17R259030D2WDE010 3LSQCDR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324031
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D17R259030D2WDE010 3LSQCDR1MB
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

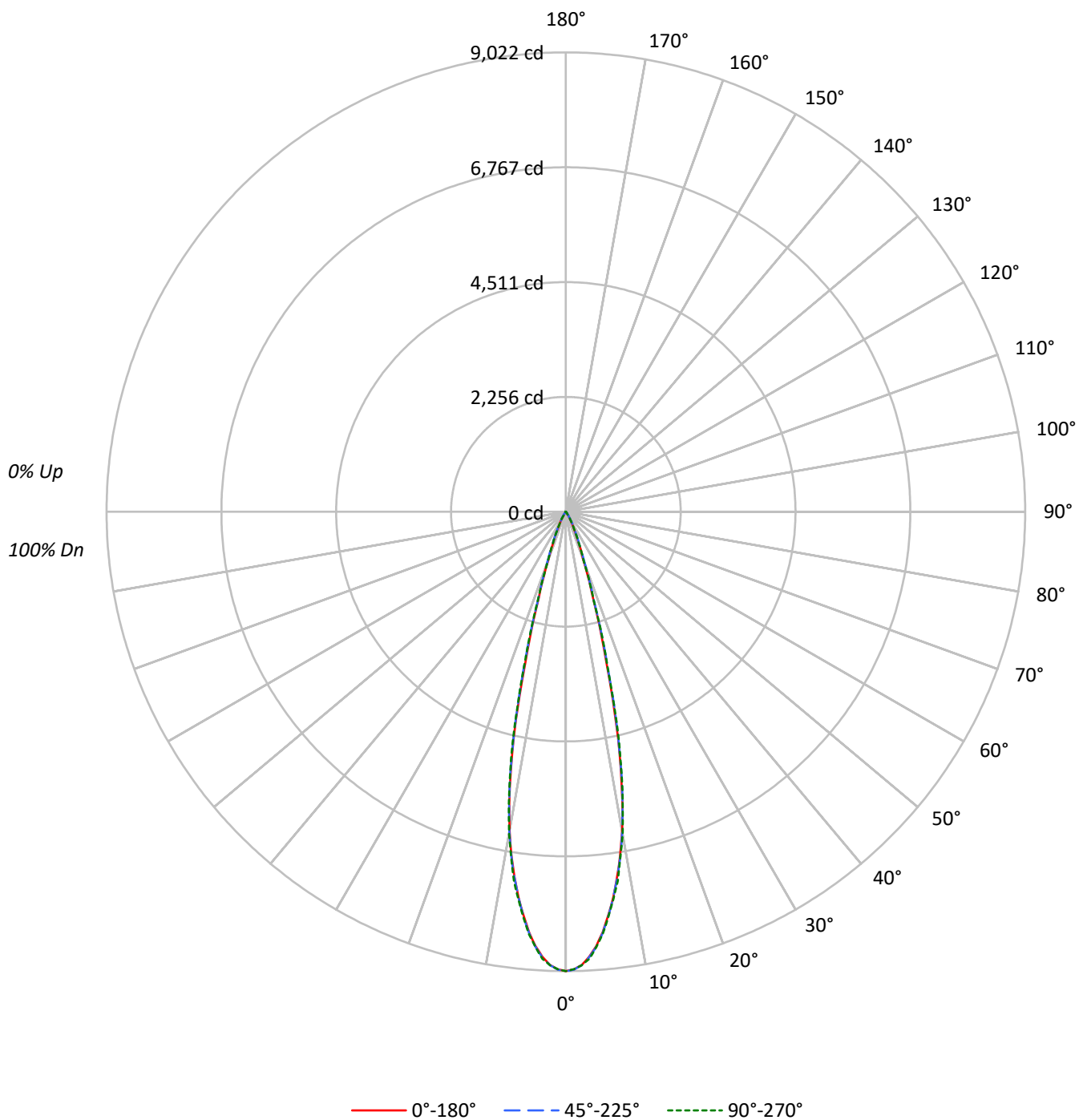
Lumens per Lamp: N/A
Luminaire Lumens: 1878.0 lumens
Efficiency: N/A
Efficacy: 68.8 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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				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	115	113	111	110	113	111	110	108	107	106	105		103	103	102		100
2	112	108	105	103	110	107	104	102	104	102	100		101	99	98		98
3	108	104	101	98	107	103	100	97	100	98	96		98	96	94		96
4	105	100	97	94	104	99	96	93	97	95	92		96	93	91		94
5	103	97	93	90	101	96	93	90	95	92	89		93	91	89		92
6	100	94	90	87	99	93	90	87	92	89	87		91	88	86		90
7	97	91	87	85	96	91	87	84	90	86	84		89	86	84		88
8	95	89	85	82	94	88	85	82	87	84	82		87	84	82		86
9	93	86	83	80	92	86	82	80	85	82	80		85	82	80		84
10	91	84	81	78	90	84	80	78	83	80	78		83	80	78		82

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1553827	1553827	1553827
5°	1432730	1435963	1438954
10°	1112426	1116448	1122499
15°	549746	572871	573121
20°	185108	197516	188810
25°	76657	85151	78842
30°	30088	37824	30367
35°	7884	15453	8179
40°	2923	6160	2923
45°	341	1754	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: 1754 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	731.1	38.9
10°-20°	884.3	47.1
20°-30°	215.9	11.5
30°-40°	42.0	2.2
40°-50°	4.8	0.3
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°	1831.2	97.5
0°-40°	1873.2	99.7
0°-60°	1878.0	100.0
0°-90°	1878.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1878.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	9022	9022	9022	9022	9022	
5°	8287	8299	8306	8342	8323	729
15°	3083	3157	3213	3245	3214	868
25°	403	425	448	429	415	205
35°	38	53	74	53	39	33
45°	1	4	7	4	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°	9022.2	9022.2	9022.2	9022.2	9022.2
1°	8987.6	8993.4	8994.8	9003.5	8986.2
2°	8905.5	8907.0	8911.3	8928.6	8912.7
3°	8754.2	8764.3	8765.8	8788.8	8793.1
4°	8548.2	8554.0	8565.5	8604.4	8569.8
5°	8287.4	8298.9	8306.1	8342.2	8323.4
6°	7964.7	7967.6	7983.4	8025.2	7999.3
7°	7636.2	7634.7	7636.2	7669.3	7662.1
8°	7240.0	7232.8	7255.8	7296.2	7323.5
9°	6826.5	6836.5	6850.9	6889.9	6858.2
10°	6361.1	6388.5	6384.1	6387.0	6418.7
11°	5825.1	5833.8	5835.2	5865.5	5861.1
12°	5195.5	5195.5	5243.0	5292.0	5276.2
13°	4560.1	4604.8	4573.1	4583.1	4646.5
14°	3819.5	3854.1	3897.3	3937.7	3906.0
15°	3083.3	3156.8	3213.0	3244.7	3214.4
17.5°	1766.4	1790.9	1838.4	1844.2	1825.5
20°	1010.0	1040.2	1077.7	1066.2	1030.2
22.5°	635.4	644.0	681.5	662.8	654.1
25°	403.4	425.0	448.1	429.4	414.9
27.5°	250.7	265.1	289.6	269.4	253.6
30°	151.3	164.2	190.2	162.8	152.7
32.5°	79.2	98.0	119.6	99.4	79.2
35°	37.5	53.3	73.5	53.3	38.9
37.5°	23.1	28.8	44.7	28.8	23.1
40°	13.0	18.7	27.4	18.7	13.0
42.5°	5.8	10.1	13.0	10.1	7.2
45°	1.4	4.3	7.2	4.3	1.4
47.5°	0.0	0.0	4.3	1.4	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)