

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: P1307298

Luminaire Tested: LDSQA3D17R259024DE010 3LSQPHR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1307298
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D17R259024DE010 3LSQPHR1MMS
Description: 3in Adjustable LED luminaire with, R25 optic, 2400K CCT AND, 90CRI , 3LSQPHR1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

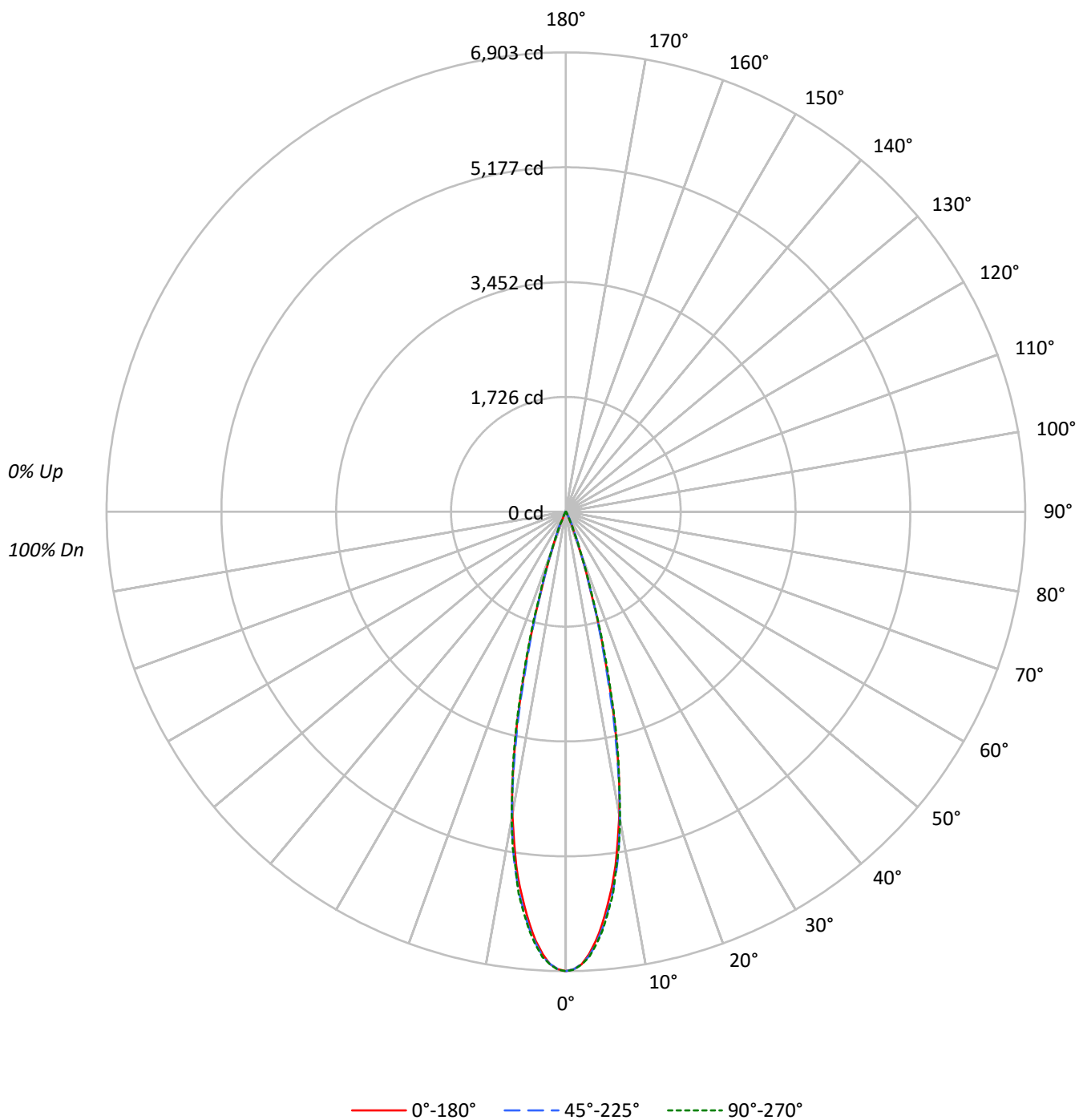
Lumens per Lamp: N/A
Luminaire Lumens: 1274.0 lumens
Efficiency: N/A
Efficacy: 60.1 lumens/watt
Spacing Criteria (0/90/45): 0.43 / 0.43 / 0.4
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100
1	115	113	112	110	113	111	110	108	107	106	105	104	103	102	100	100	99	97	97	97
2	112	109	106	104	110	107	105	103	104	102	101	101	100	98	99	97	96	95	95	95
3	109	105	102	99	107	104	101	98	101	99	97	99	97	95	97	95	94	93	93	93
4	106	101	98	95	105	100	97	95	99	96	94	97	94	93	95	93	92	91	91	91
5	104	98	95	92	102	98	94	92	96	93	91	95	92	90	93	91	89	88	88	88
6	101	96	92	89	100	95	92	89	94	91	89	93	90	88	91	89	87	86	86	86
7	99	93	89	87	98	93	89	87	92	89	86	91	88	86	90	87	86	85	85	85
8	97	91	87	85	96	90	87	85	90	86	84	89	86	84	88	86	84	83	83	83
9	95	89	85	83	94	88	85	83	88	85	82	87	84	82	86	84	82	81	81	81
10	93	87	83	81	92	86	83	81	86	83	81	85	82	80	85	82	80	80	80	80

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1188887	1188887	1188887
5°	1077357	1087176	1092484
10°	809919	815673	819450
15°	401028	389082	415006
20°	113264	115134	116380
25°	19649	37131	23316
30°	7676	7915	8134
35°	2397	2628	2628
40°	764	1012	764
45°	560	268	560
50°	295	0	295
55°	330	0	330
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: 0°

Vertical Angle: 45°

Luminance: 560 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	548.4	43.0
10°-20°	618.4	48.5
20°-30°	95.9	7.5
30°-40°	9.7	0.8
40°-50°	1.3	0.1
50°-60°	0.2	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°	1262.8	99.1
0°-40°	1272.5	99.9
0°-60°	1274.0	100.0
0°-90°	1274.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1274.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	6903	6903	6903	6903	6903	
5°	6232	6243	6289	6314	6319	543
15°	2249	2233	2182	2280	2328	616
25°	103	153	195	149	123	87
35°	11	12	12	14	12	9
45°	2	1	1	1	2	2
55°	1	0	0	0	1	1
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	0

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	6903.2	6903.2	6903.2	6903.2	6903.2
1°	6874.8	6883.9	6873.7	6885.0	6883.9
2°	6803.2	6812.3	6799.8	6806.6	6806.6
3°	6656.7	6676.0	6687.4	6695.3	6702.1
4°	6463.6	6485.2	6502.2	6522.7	6522.7
5°	6231.8	6243.2	6288.6	6313.6	6319.3
6°	5955.8	6001.2	6035.3	6085.3	6054.6
7°	5679.8	5717.3	5765.0	5772.9	5794.5
8°	5366.2	5406.0	5450.3	5442.4	5424.2
9°	4984.6	5042.5	5094.8	5077.7	5100.4
10°	4631.3	4666.5	4664.2	4647.2	4685.8
11°	4221.2	4229.2	4184.9	4254.1	4212.1
12°	3735.0	3741.8	3685.0	3753.2	3796.4
13°	3269.3	3253.4	3175.0	3264.7	3319.3
14°	2733.1	2738.8	2638.8	2812.6	2799.0
15°	2249.2	2233.3	2182.2	2279.9	2327.6
17.5°	1198.4	1208.7	1196.2	1245.0	1275.7
20°	618.0	635.0	628.2	648.6	635.0
22.5°	320.3	344.2	351.0	335.1	291.9
25°	103.4	153.4	195.4	148.8	122.7
27.5°	62.5	61.3	95.4	65.9	67.0
30°	38.6	37.5	39.8	39.8	40.9
32.5°	21.6	22.7	21.6	23.9	22.7
35°	11.4	12.5	12.5	13.6	12.5
37.5°	6.8	8.0	8.0	8.0	6.8
40°	3.4	4.5	4.5	3.4	3.4
42.5°	2.3	2.3	2.3	2.3	2.3
45°	2.3	1.1	1.1	1.1	2.3
47.5°	1.1	1.1	0.0	1.1	1.1
50°	1.1	1.1	0.0	1.1	1.1
52.5°	1.1	0.0	0.0	0.0	1.1
55°	1.1	0.0	0.0	0.0	1.1
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)