

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: P1323710

Luminaire Tested: LDSQA3D09R159030D2WDE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323710
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R159030D2WDE010 3LSQCDR1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

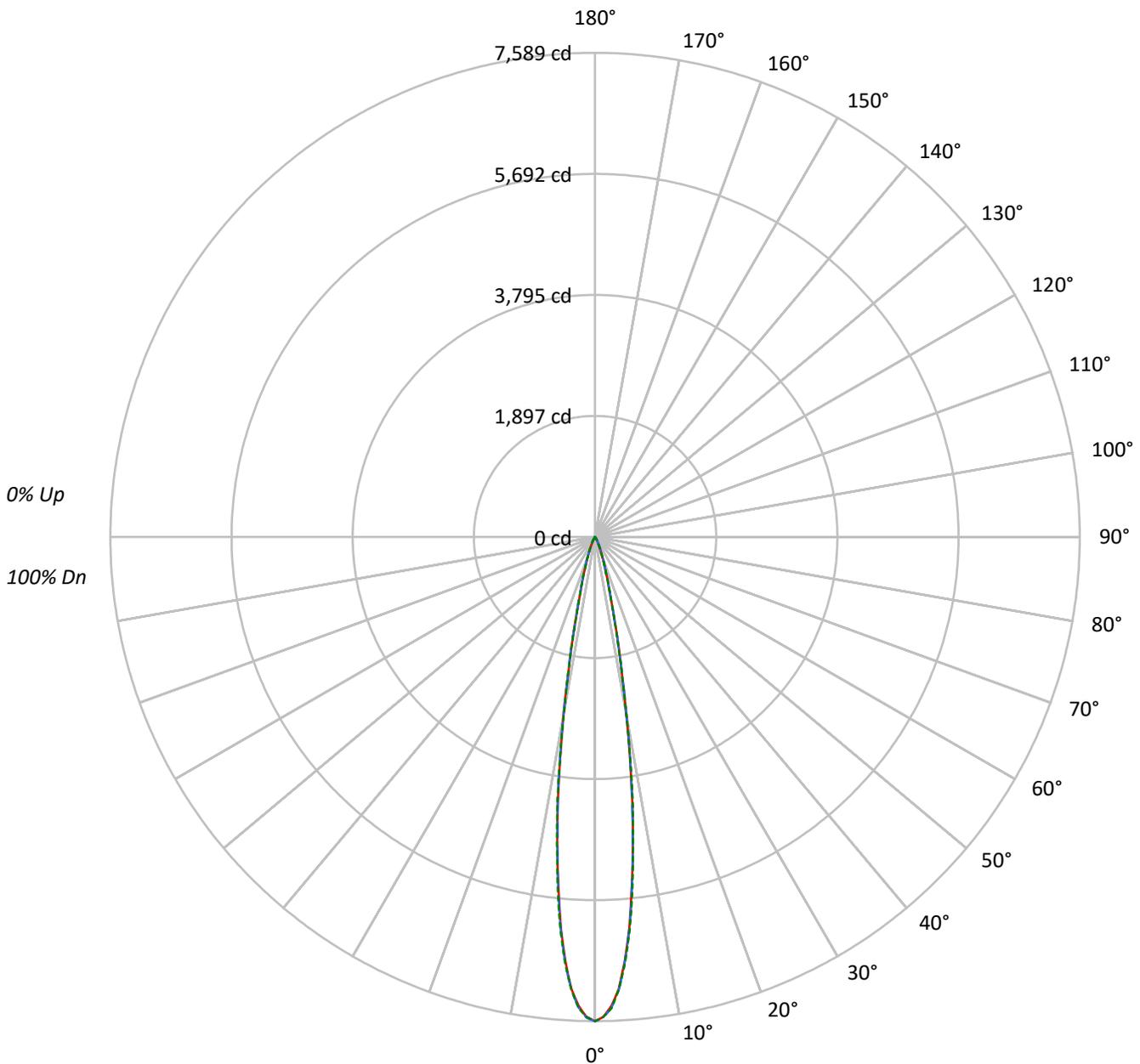
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 852.0 lumens
Efficiency: N/A
Efficacy: 58.0 lumens/watt
Spacing Criteria (0/90/45): 0.29 / 0.3 / 0.29
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.7
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



— 0°-180° - - 45°-225° ···· 90°-270°



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20					
RC	80				70				50				30				10				0				0	
RW	70	50	30	10	70	50	30	10	50	30	10	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	102	102	102	102	102	102	100
1	116	114	112	111	113	112	110	109	108	107	105	104	103	102	101	100	99	99	98	97	97	98	98	99	99	98
2	112	109	107	105	110	108	105	103	105	103	101	102	100	99	99	98	97	99	98	97	97	98	98	99	99	96
3	110	106	103	100	108	104	102	99	102	100	98	100	98	96	98	96	95	98	96	95	96	96	97	97	98	94
4	107	102	99	97	106	101	98	96	100	97	95	98	96	94	96	94	93	96	94	93	96	94	93	94	95	92
5	105	100	96	94	103	99	96	93	97	95	93	96	94	92	95	93	91	95	93	91	95	93	91	92	93	90
6	102	97	94	91	101	97	93	91	95	92	90	94	92	90	93	91	89	93	91	89	93	91	89	90	91	88
7	100	95	92	89	99	94	91	89	93	91	89	92	90	88	92	89	88	92	89	88	92	89	88	89	90	87
8	98	93	90	87	98	93	89	87	92	89	87	91	88	87	90	88	86	90	88	86	90	88	86	87	88	85
9	97	91	88	86	96	91	88	85	90	87	85	89	87	85	89	86	85	89	86	85	89	86	85	86	87	84
10	95	89	86	84	94	89	86	84	89	86	84	88	85	84	87	85	83	87	85	83	87	85	83	84	84	83

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1307067	1307067	1307067
5°	1062835	1066534	1070234
10°	494979	495451	492758
15°	153158	158632	155654
20°	61049	64495	60316
25°	25559	30119	24285
30°	10381	13841	9585
35°	3385	6328	3091
40°	1214	2563	1214
45°	487	804	487
50°	348	536	348
55°	390	390	390
60°	448	448	448
65°	285	285	285
70°	352	352	352
75°	466	466	466
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 804 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	475.1	55.8
10°-20°	284.0	33.3
20°-30°	72.3	8.5
30°-40°	15.7	1.8
40°-50°	2.5	0.3
50°-60°	1.2	0.1
60°-70°	0.8	0.1
70°-80°	0.5	0.1
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°	831.4	97.6
0°-40°	847.1	99.4
0°-60°	850.8	99.9
0°-90°	852.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	852.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	7589	7589	7589	7589	7589	
5°	6148	6156	6169	6141	6191	474
15°	859	883	890	877	873	283
25°	134	144	158	140	128	68
35°	16	21	30	20	15	13
45°	2	3	3	3	2	2
55°	1	1	1	1	1	1
65°	1	1	1	1	1	1
75°	1	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°	7589.4	7589.4	7589.4	7589.4	7589.4
1°	7523.2	7535.9	7537.9	7535.9	7525.2
2°	7353.9	7391.4	7383.4	7367.3	7390.1
3°	7092.4	7111.1	7108.4	7109.8	7104.4
4°	6666.9	6699.7	6681.0	6695.0	6696.3
5°	6147.8	6156.5	6169.2	6141.1	6190.6
6°	5508.9	5564.4	5515.6	5563.8	5583.2
7°	4859.4	4891.5	4829.3	4862.7	4882.8
8°	4195.1	4138.9	4173.0	4173.7	4239.9
9°	3477.9	3489.3	3518.1	3485.3	3514.1
10°	2830.4	2856.5	2833.1	2821.7	2817.7
11°	2235.0	2264.4	2262.4	2265.8	2243.7
12°	1798.2	1782.8	1792.8	1760.0	1774.8
13°	1399.5	1400.1	1392.1	1378.7	1366.7
14°	1096.4	1089.7	1108.5	1091.8	1076.4
15°	859.0	883.0	889.7	877.0	873.0
17.5°	529.8	530.5	539.9	527.8	526.5
20°	333.1	341.2	351.9	339.2	329.1
22.5°	210.7	218.1	234.8	218.8	204.7
25°	134.5	143.8	158.5	140.5	127.8
27.5°	84.3	93.0	107.0	90.3	80.9
30°	52.2	58.2	69.6	56.9	48.2
32.5°	30.1	36.1	45.5	34.1	28.8
35°	16.1	20.7	30.1	20.1	14.7
37.5°	9.4	12.0	19.4	10.7	8.7
40°	5.4	7.4	11.4	6.7	5.4
42.5°	3.3	4.7	5.4	4.0	2.7
45°	2.0	2.7	3.3	2.7	2.0
47.5°	1.3	2.0	2.7	1.3	1.3
50°	1.3	1.3	2.0	1.3	1.3
52.5°	1.3	1.3	1.3	1.3	1.3
55°	1.3	1.3	1.3	1.3	1.3
57.5°	1.3	1.3	1.3	1.3	1.3
60°	1.3	1.3	1.3	1.3	1.3
62.5°	0.7	0.7	0.7	0.7	0.7
65°	0.7	0.7	0.7	0.7	0.7
67.5°	0.7	0.7	0.7	0.7	0.7
70°	0.7	0.7	0.7	0.7	0.7
72.5°	0.7	0.7	0.7	0.7	0.7
75°	0.7	0.7	0.7	0.7	0.7
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)