

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: P1323747

Luminaire Tested: LDSQA3D09R259030D2WDE010 3LSQPHRL1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323747
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R259030D2WDE010 3LSQPHRL1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
3LSQPHRL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

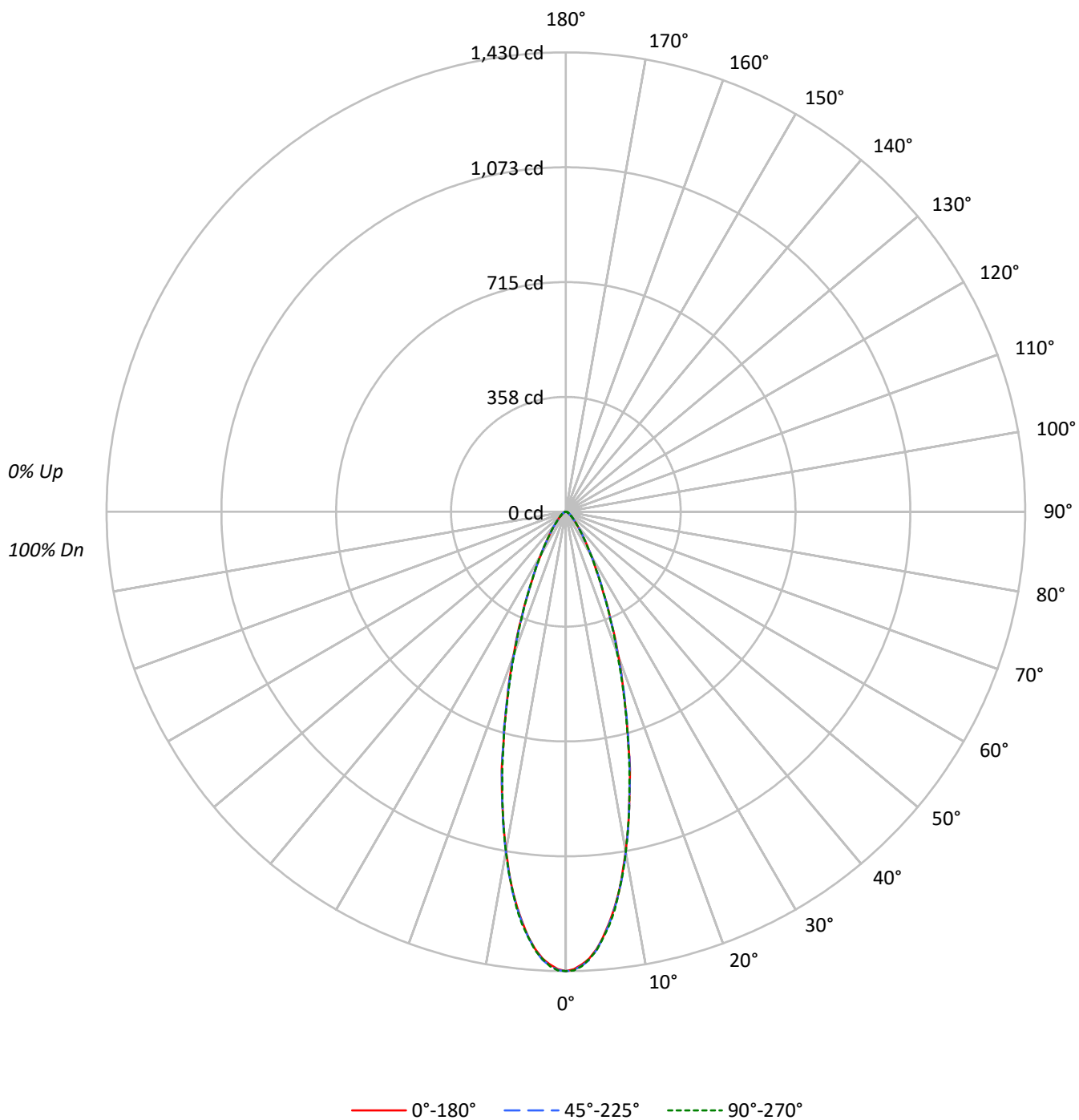
Lumens per Lamp: N/A
Luminaire Lumens: 573.0 lumens
Efficiency: N/A
Efficacy: 39.0 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.54
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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





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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	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94			
2	109	104	100	97	106	102	99	96	99	96	94	96	94	92	93	92	90	88			
3	104	98	93	89	102	96	92	89	94	90	87	91	88	86	89	87	85	83			
4	99	92	87	83	97	91	86	83	89	85	82	87	84	81	85	82	80	79			
5	95	87	82	78	93	86	81	78	85	80	77	83	79	76	82	78	76	74			
6	91	83	78	74	90	82	77	73	81	76	73	79	76	72	78	75	72	71			
7	87	79	74	70	86	78	73	70	77	73	69	76	72	69	75	71	69	67			
8	84	76	70	67	83	75	70	66	74	69	66	73	69	66	72	68	66	64			
9	81	72	67	64	80	72	67	63	71	66	63	70	66	63	69	66	63	62			
10	78	69	64	61	77	69	64	61	68	64	61	67	63	60	67	63	60	59			

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	246296	246296	246296
5°	229879	230121	230225
10°	187506	188083	188083
15°	133920	134651	133920
20°	87642	86799	85571
25°	52105	52371	52105
30°	31401	31401	31262
35°	19132	19258	19132
40°	12185	12320	12320
45°	8476	8476	8476
50°	6082	6270	6270
55°	4834	4834	5014
60°	3927	4133	4133
65°	3545	3545	3545
70°	3021	3021	3374
75°	2662	2662	3127
80°	2678	2678	2678
85°	1383	1383	1383

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8476 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	118.8	20.7
10°-20°	207.1	36.1
20°-30°	130.2	22.7
30°-40°	59.6	10.4
40°-50°	27.8	4.9
50°-60°	15.0	2.6
60°-70°	8.8	1.5
70°-80°	4.6	0.8
80°-90°	1.0	0.2
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°	456.2	79.6
0°-40°	515.8	90.0
0°-60°	558.6	97.5
0°-90°	573.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	573.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1430	1430	1430	1430	1430	
5°	1330	1332	1331	1332	1332	119
15°	751	756	755	756	751	207
25°	274	278	276	276	274	130
35°	91	91	92	92	91	59
45°	35	35	35	35	35	28
55°	16	16	16	17	17	15
65°	9	9	9	9	9	9
75°	4	4	4	5	5	4
85°	1	1	1	1	1	1
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1430.1	1430.1	1430.1	1430.1	1430.1
1°	1424.0	1425.4	1426.7	1428.7	1428.0
2°	1410.7	1413.3	1414.0	1416.7	1416.0
3°	1392.6	1391.9	1397.3	1397.3	1393.9
4°	1364.5	1365.8	1367.2	1368.5	1369.2
5°	1329.7	1332.4	1331.1	1332.4	1331.7
6°	1286.9	1290.9	1290.3	1291.6	1293.6
7°	1241.4	1244.1	1244.1	1242.8	1248.1
8°	1191.9	1189.9	1193.3	1191.9	1191.3
9°	1133.1	1137.1	1137.8	1134.4	1135.7
10°	1072.2	1074.9	1075.5	1077.6	1075.5
11°	1012.0	1012.0	1013.3	1016.7	1011.3
12°	946.5	952.5	946.5	949.1	946.5
13°	884.3	885.6	884.3	883.6	878.9
14°	825.4	820.7	822.0	816.7	817.4
15°	751.1	755.8	755.2	756.5	751.1
17.5°	604.0	606.7	606.0	604.7	598.0
20°	478.2	478.2	473.6	470.9	466.9
22.5°	365.2	363.9	361.9	359.9	361.2
25°	274.2	277.6	275.6	275.6	274.2
27.5°	207.4	211.4	208.0	206.0	207.4
30°	157.9	159.2	157.9	157.2	157.2
32.5°	119.1	119.7	119.1	119.1	119.1
35°	91.0	91.0	91.6	91.6	91.0
37.5°	70.2	70.2	70.2	70.2	70.9
40°	54.2	54.8	54.8	54.8	54.8
42.5°	42.8	43.5	43.5	43.5	43.5
45°	34.8	34.8	34.8	34.8	34.8
47.5°	28.1	28.1	28.1	28.1	28.8
50°	22.7	23.4	23.4	23.4	23.4
52.5°	19.4	19.4	19.4	19.4	19.4
55°	16.1	16.1	16.1	16.7	16.7
57.5°	13.4	13.4	14.0	14.0	14.0
60°	11.4	12.0	12.0	12.0	12.0
62.5°	10.0	10.0	10.7	10.7	10.7
65°	8.7	8.7	8.7	8.7	8.7
67.5°	7.4	7.4	7.4	7.4	8.0
70°	6.0	6.0	6.0	6.7	6.7
72.5°	5.4	5.4	5.4	5.4	5.4
75°	4.0	4.0	4.0	4.7	4.7
77.5°	3.3	3.3	3.3	3.3	3.3
80°	2.7	2.7	2.7	2.7	2.7
82.5°	1.3	1.3	2.0	2.0	2.0
85°	0.7	0.7	0.7	0.7	0.7
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)