

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: P1323448

Luminaire Tested: LDSQA3D02R259030D2WDE010 3LSQCDR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323448
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: LDSQA3D02R259030D2WDE010 3LSQCDR1MMS
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

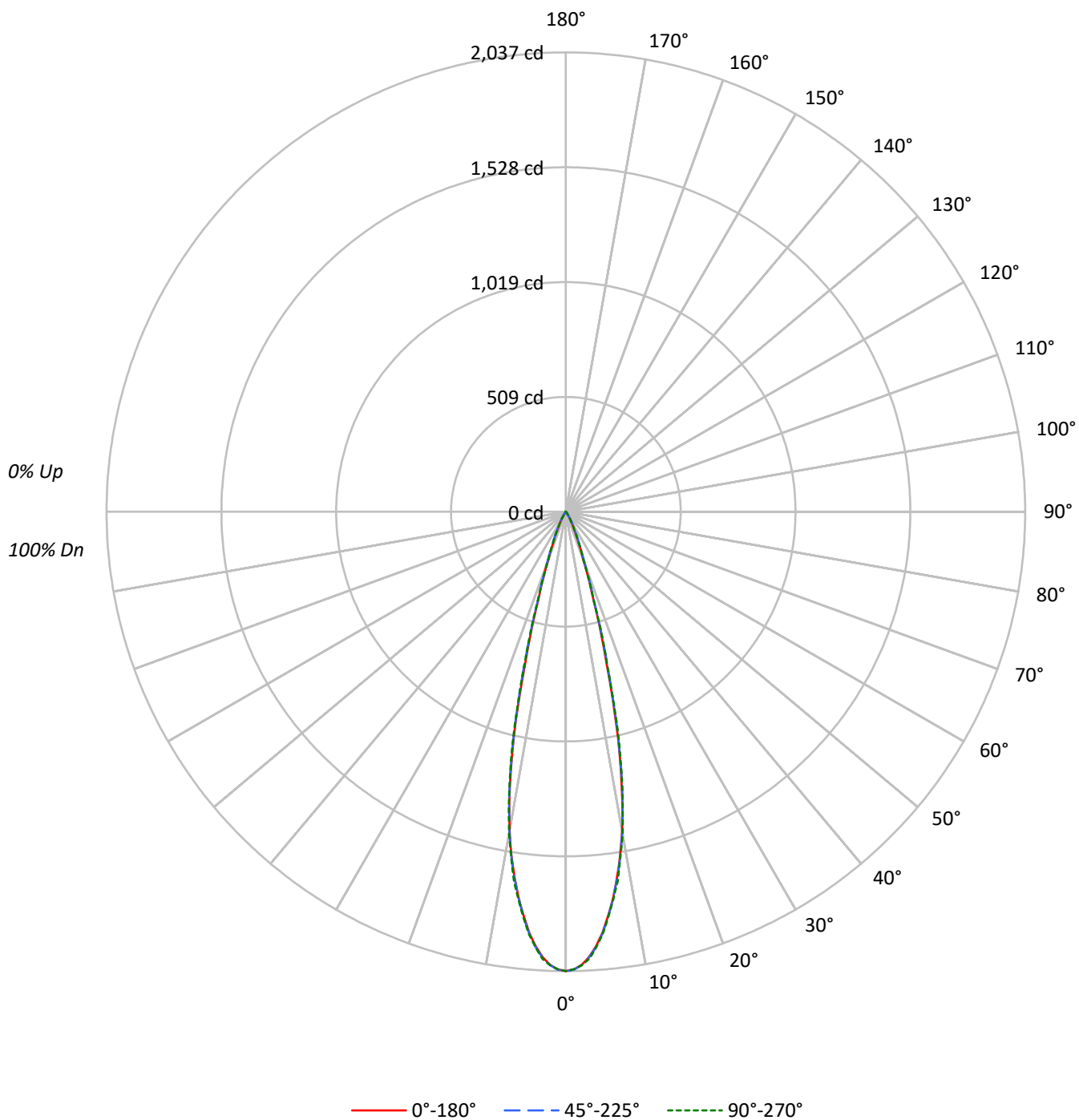
Lumens per Lamp: N/A
Luminaire Lumens: 424.0 lumens
Efficiency: N/A
Efficacy: 58.9 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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				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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	99	97
1	115	113	111	110	113	111	110	108	107	106	105	103	103	102	100	99	99	97	96	96	94
2	112	108	105	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94	93	93	92
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	91	91	89
4	105	100	97	94	104	99	96	93	97	95	92	96	93	91	94	92	90	89	88	88	87
5	103	97	93	90	101	96	93	90	95	92	89	93	91	89	92	90	88	87	86	86	84
6	100	94	90	87	99	93	90	87	92	89	87	91	88	86	90	87	85	84	83	83	82
7	97	91	87	85	96	91	87	84	90	86	84	89	86	84	88	85	83	82	81	81	80
8	95	89	85	82	94	88	85	82	87	84	82	87	84	82	86	83	81	80	79	79	78
9	93	86	83	80	92	86	82	80	85	82	80	85	82	80	84	81	79	78	77	77	77
10	91	84	81	78	90	84	80	78	83	80	78	83	80	78	82	79	77	76	75	75	74

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	350818	350818	350818
5°	323477	324203	324877
10°	251162	252071	253435
15°	124113	129337	129391
20°	41787	44591	42630
25°	17311	19231	17805
30°	6801	8531	6861
35°	1787	3490	1850
40°	652	1394	652
45°	73	390	73
50°	0	80	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: 390 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	165.1	38.9
10°-20°	199.6	47.1
20°-30°	48.7	11.5
30°-40°	9.5	2.2
40°-50°	1.1	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°	413.4	97.5
0°-40°	422.9	99.7
0°-60°	424.0	100.0
0°-90°	424.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	424.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2037	2037	2037	2037	2037	
5°	1871	1874	1875	1883	1879	165
15°	696	713	725	733	726	196
25°	91	96	101	97	94	46
35°	8	12	17	12	9	8
45°	0	1	2	1	0	1
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°	2037.0	2037.0	2037.0	2037.0	2037.0
1°	2029.2	2030.5	2030.8	2032.7	2028.8
2°	2010.6	2010.9	2011.9	2015.8	2012.2
3°	1976.5	1978.7	1979.1	1984.3	1985.2
4°	1929.9	1931.2	1933.8	1942.6	1934.8
5°	1871.1	1873.7	1875.3	1883.4	1879.2
6°	1798.2	1798.9	1802.4	1811.9	1806.0
7°	1724.0	1723.7	1724.0	1731.5	1729.9
8°	1634.6	1633.0	1638.2	1647.3	1653.4
9°	1541.2	1543.5	1546.8	1555.5	1548.4
10°	1436.2	1442.3	1441.4	1442.0	1449.2
11°	1315.1	1317.1	1317.4	1324.3	1323.3
12°	1173.0	1173.0	1183.7	1194.8	1191.2
13°	1029.5	1039.6	1032.5	1034.7	1049.1
14°	862.3	870.2	879.9	889.0	881.9
15°	696.1	712.7	725.4	732.6	725.7
17.5°	398.8	404.3	415.1	416.4	412.1
20°	228.0	234.9	243.3	240.7	232.6
22.5°	143.5	145.4	153.9	149.6	147.7
25°	91.1	96.0	101.2	96.9	93.7
27.5°	56.6	59.9	65.4	60.8	57.3
30°	34.2	37.1	42.9	36.8	34.5
32.5°	17.9	22.1	27.0	22.4	17.9
35°	8.5	12.0	16.6	12.0	8.8
37.5°	5.2	6.5	10.1	6.5	5.2
40°	2.9	4.2	6.2	4.2	2.9
42.5°	1.3	2.3	2.9	2.3	1.6
45°	0.3	1.0	1.6	1.0	0.3
47.5°	0.0	0.0	1.0	0.3	0.0
50°	0.0	0.0	0.3	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)