

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: P1323449

Luminaire Tested: LDSQA3D02R259030D2WDE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323449
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D02R259030D2WDE010 3LSQCDR1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

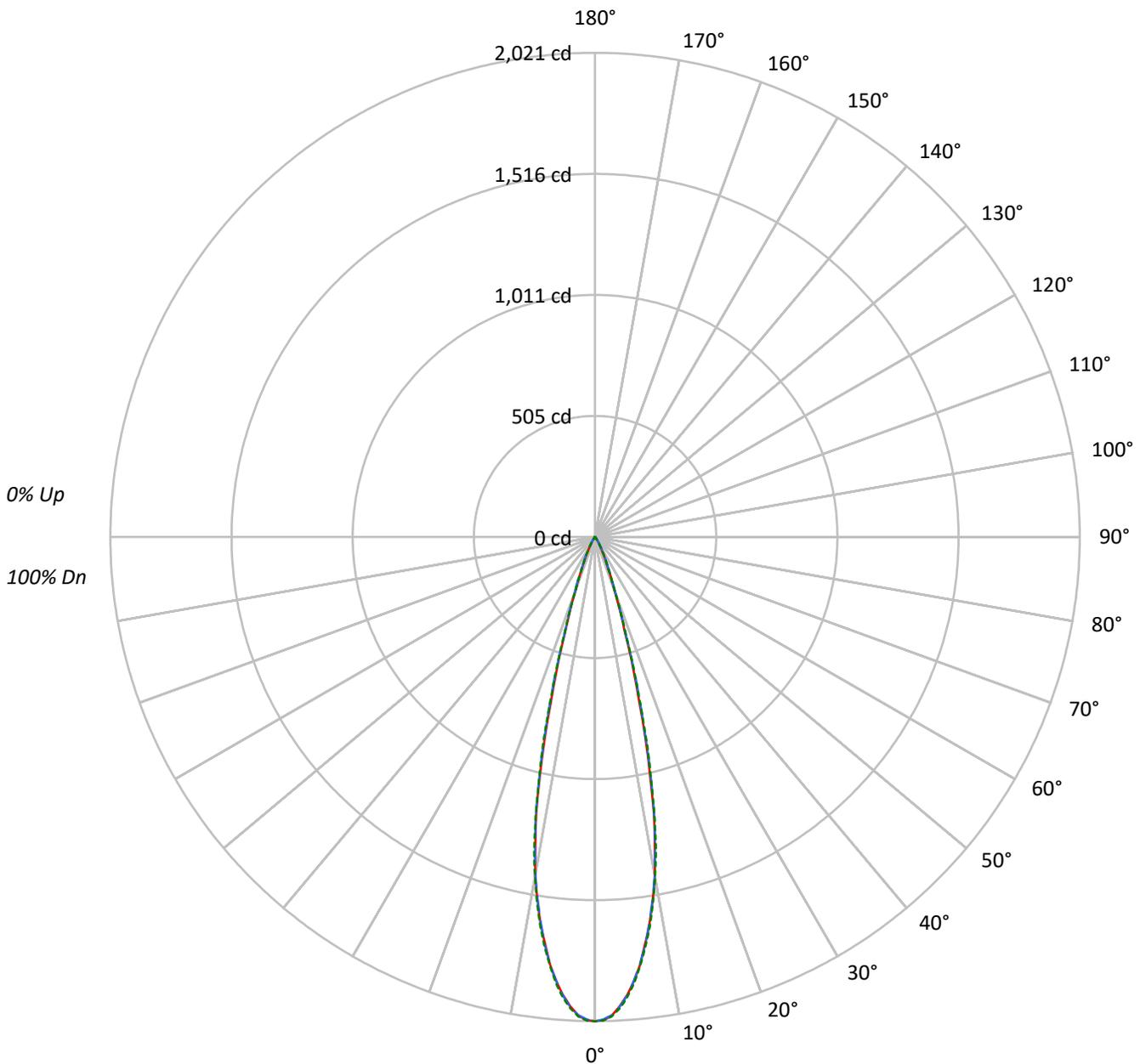
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 427.0 lumens
Efficiency: N/A
Efficacy: 59.3 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 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



— 0°-180° - - 45°-225° - - - 90°-270°



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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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	115	113	111	110	113	111	109	108	107	106	105	103	102	102	100	99	99	97	97	97	97
2	112	108	105	103	110	107	104	102	103	101	100	101	99	97	98	97	95	94	94	94	94
3	108	104	100	98	107	103	99	97	100	98	95	98	96	94	96	94	93	91	91	91	91
4	105	100	96	93	104	99	96	93	97	94	92	95	93	91	94	92	90	89	89	89	89
5	102	97	93	90	101	96	92	90	94	91	89	93	90	88	91	89	87	86	86	86	86
6	100	94	90	87	98	93	89	87	92	88	86	90	88	86	89	87	85	84	84	84	84
7	97	91	87	84	96	90	87	84	89	86	84	88	85	83	87	85	83	82	82	82	82
8	95	88	84	82	94	88	84	82	87	84	81	86	83	81	85	83	81	80	80	80	80
9	92	86	82	80	91	86	82	79	85	82	79	84	81	79	83	81	79	78	78	78	78
10	90	84	80	78	89	83	80	77	83	80	77	82	79	77	82	79	77	76	76	76	76

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	348114	348114	348114
5°	321540	321419	323217
10°	251162	250480	252194
15°	126360	131637	131513
20°	43235	44426	43711
25°	17368	19535	18110
30°	7060	8412	6861
35°	2060	3700	2060
40°	944	1619	944
45°	317	633	317
50°	188	268	188
55°	210	210	210
60°	241	241	241
65°	122	122	122
70°	151	151	151
75°	200	200	200
80°	0	298	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 633 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	164.0	38.4
10°-20°	200.7	47.0
20°-30°	49.0	11.5
30°-40°	10.1	2.4
40°-50°	1.8	0.4
50°-60°	0.6	0.1
60°-70°	0.5	0.1
70°-80°	0.3	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°	413.7	96.9
0°-40°	423.9	99.3
0°-60°	426.3	99.8
0°-90°	427.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	427.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2021	2021	2021	2021	2021	
5°	1860	1862	1859	1863	1870	164
15°	709	721	738	742	738	198
25°	91	96	103	97	95	47
35°	10	14	18	13	10	8
45°	1	2	3	2	1	1
55°	1	1	1	1	1	1
65°	0	1	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°	2021.3	2021.3	2021.3	2021.3	2021.3
1°	2017.3	2014.7	2014.1	2014.4	2017.7
2°	1999.1	1997.5	1997.2	1998.1	2002.7
3°	1962.0	1964.0	1964.6	1967.9	1970.2
4°	1916.5	1920.4	1918.8	1922.7	1925.3
5°	1859.9	1861.5	1859.2	1863.1	1869.6
6°	1793.8	1788.0	1793.5	1795.1	1799.7
7°	1711.5	1712.8	1714.7	1716.7	1723.5
8°	1630.5	1626.6	1625.6	1634.7	1640.2
9°	1535.8	1536.4	1532.9	1543.3	1544.9
10°	1436.2	1428.1	1432.3	1440.5	1442.1
11°	1304.8	1302.5	1308.7	1321.4	1331.4
12°	1181.4	1182.8	1189.3	1193.5	1191.2
13°	1018.4	1028.2	1036.3	1040.6	1035.0
14°	871.0	871.0	881.5	883.1	902.9
15°	708.7	720.7	738.3	741.5	737.6
17.5°	409.3	411.0	419.4	419.1	425.3
20°	235.9	238.2	242.4	241.4	238.5
22.5°	141.9	146.7	156.8	148.7	146.4
25°	91.4	95.7	102.8	97.0	95.3
27.5°	57.3	60.2	65.7	60.5	57.9
30°	35.5	37.1	42.3	37.4	34.5
32.5°	19.2	23.4	27.7	23.4	19.2
35°	9.8	13.7	17.6	13.3	9.8
37.5°	6.5	7.8	11.4	7.5	6.5
40°	4.2	5.2	7.2	5.2	4.2
42.5°	2.3	3.3	3.9	3.6	2.3
45°	1.3	2.0	2.6	2.0	1.3
47.5°	1.0	1.0	1.6	1.0	0.7
50°	0.7	0.7	1.0	0.7	0.7
52.5°	0.7	0.7	0.7	0.7	0.7
55°	0.7	0.7	0.7	0.7	0.7
57.5°	0.7	0.7	0.7	0.7	0.7
60°	0.7	0.7	0.7	0.7	0.7
62.5°	0.7	0.7	0.7	0.7	0.7
65°	0.3	0.7	0.3	0.3	0.3
67.5°	0.3	0.3	0.3	0.3	0.3
70°	0.3	0.3	0.3	0.3	0.3
72.5°	0.3	0.3	0.3	0.3	0.3
75°	0.3	0.3	0.3	0.3	0.3
77.5°	0.3	0.3	0.3	0.3	0.3
80°	0.0	0.0	0.3	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)