

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: P1323466

Luminaire Tested: LDSQA3D02R309030D2WDE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323466
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-36)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D02R309030D2WDE010 3LSQCDR1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

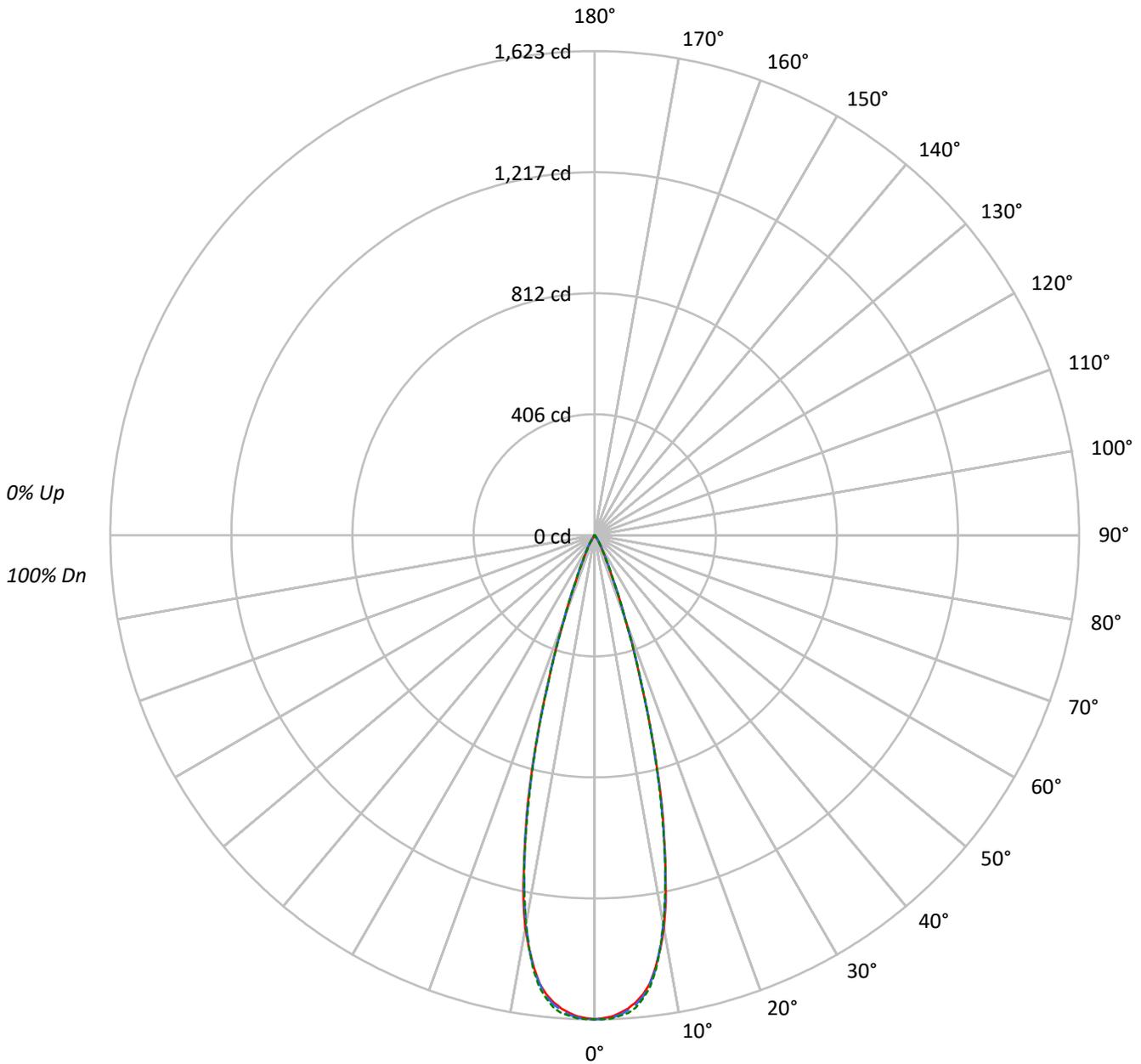
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 422.0 lumens
Efficiency: N/A
Efficacy: 58.6 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.46
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	102	102	102	100
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	98	98	98	97
2	111	108	105	102	109	106	104	101	103	101	99	100	99	97	98	96	95	95	95	95	94
3	108	103	100	97	106	102	99	96	100	97	95	97	95	93	95	93	92	93	93	92	91
4	105	99	96	93	103	98	95	92	96	93	91	95	92	90	93	91	89	93	91	89	88
5	102	96	92	89	100	95	91	89	93	90	88	92	89	87	91	88	86	91	88	86	85
6	99	93	89	86	98	92	88	85	91	87	85	90	87	84	88	86	84	88	86	84	83
7	96	90	86	83	95	89	85	83	88	85	82	87	84	82	86	84	82	86	84	82	81
8	94	87	83	80	93	87	83	80	86	82	80	85	82	80	84	81	79	84	81	79	78
9	91	85	81	78	90	84	80	78	83	80	78	83	80	77	82	79	77	82	79	77	76
10	89	82	78	76	88	82	78	76	81	78	76	81	78	75	80	77	75	80	77	75	74

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	279448	279448	279448
5°	271785	272978	274655
10°	233709	231715	231943
15°	143601	142442	142567
20°	54653	54781	53755
25°	17387	18319	17444
30°	7000	8671	7179
35°	2250	3826	2250
40°	1034	1686	1034
45°	390	706	390
50°	188	348	188
55°	210	210	210
60°	241	241	241
65°	122	122	122
70°	151	151	151
75°	200	200	200
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 706 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	143.1	33.9
10°-20°	212.3	50.3
20°-30°	52.8	12.5
30°-40°	10.5	2.5
40°-50°	1.9	0.5
50°-60°	0.6	0.2
60°-70°	0.4	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°	408.2	96.7
0°-40°	418.7	99.2
0°-60°	421.3	99.8
0°-90°	422.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	422.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1623	1623	1623	1623	1623	
5°	1572	1577	1579	1581	1589	143
15°	805	807	799	802	800	213
25°	92	93	96	95	92	51
35°	11	14	18	14	11	9
45°	2	2	3	2	2	1
55°	1	1	1	1	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°	1622.6	1622.6	1622.6	1622.6	1622.6
1°	1619.0	1621.0	1622.3	1622.3	1622.3
2°	1614.4	1615.7	1617.7	1618.0	1620.6
3°	1603.7	1606.6	1609.9	1611.8	1613.1
4°	1590.7	1594.6	1596.5	1601.4	1605.7
5°	1572.1	1577.3	1579.0	1581.2	1588.7
6°	1547.1	1551.0	1554.2	1555.2	1559.8
7°	1513.8	1515.8	1515.1	1516.8	1524.9
8°	1463.4	1464.0	1469.6	1466.0	1471.5
9°	1403.5	1400.9	1399.6	1402.2	1402.5
10°	1336.4	1327.6	1325.0	1322.7	1326.3
11°	1249.5	1238.1	1239.1	1238.4	1233.2
12°	1141.4	1140.1	1131.6	1133.3	1141.1
13°	1031.0	1033.3	1031.7	1033.6	1024.9
14°	927.5	916.4	919.4	908.3	912.5
15°	805.4	807.1	798.9	801.5	799.6
17.5°	515.7	519.3	516.7	514.4	518.0
20°	298.2	297.9	298.9	295.9	293.3
22.5°	156.9	159.2	162.1	162.5	164.4
25°	91.5	93.4	96.4	95.1	91.8
27.5°	56.0	59.6	64.1	60.9	57.0
30°	35.2	38.1	43.6	38.4	36.1
32.5°	19.9	24.1	28.6	24.1	19.9
35°	10.7	14.0	18.2	13.7	10.7
37.5°	7.2	8.1	12.0	8.1	7.2
40°	4.6	5.5	7.5	5.5	4.6
42.5°	2.6	3.6	4.2	3.6	2.6
45°	1.6	2.0	2.9	2.3	1.6
47.5°	0.7	1.0	2.0	1.0	1.0
50°	0.7	0.7	1.3	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	0.3	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	0.0	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)