

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: P1323464

Luminaire Tested: LDSQA3D02R309030D2WDE010 3LSQCDR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323464
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-24)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D02R309030D2WDE010 3LSQCDR1MB
Description: 3in Adjustable Dim to Warm LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

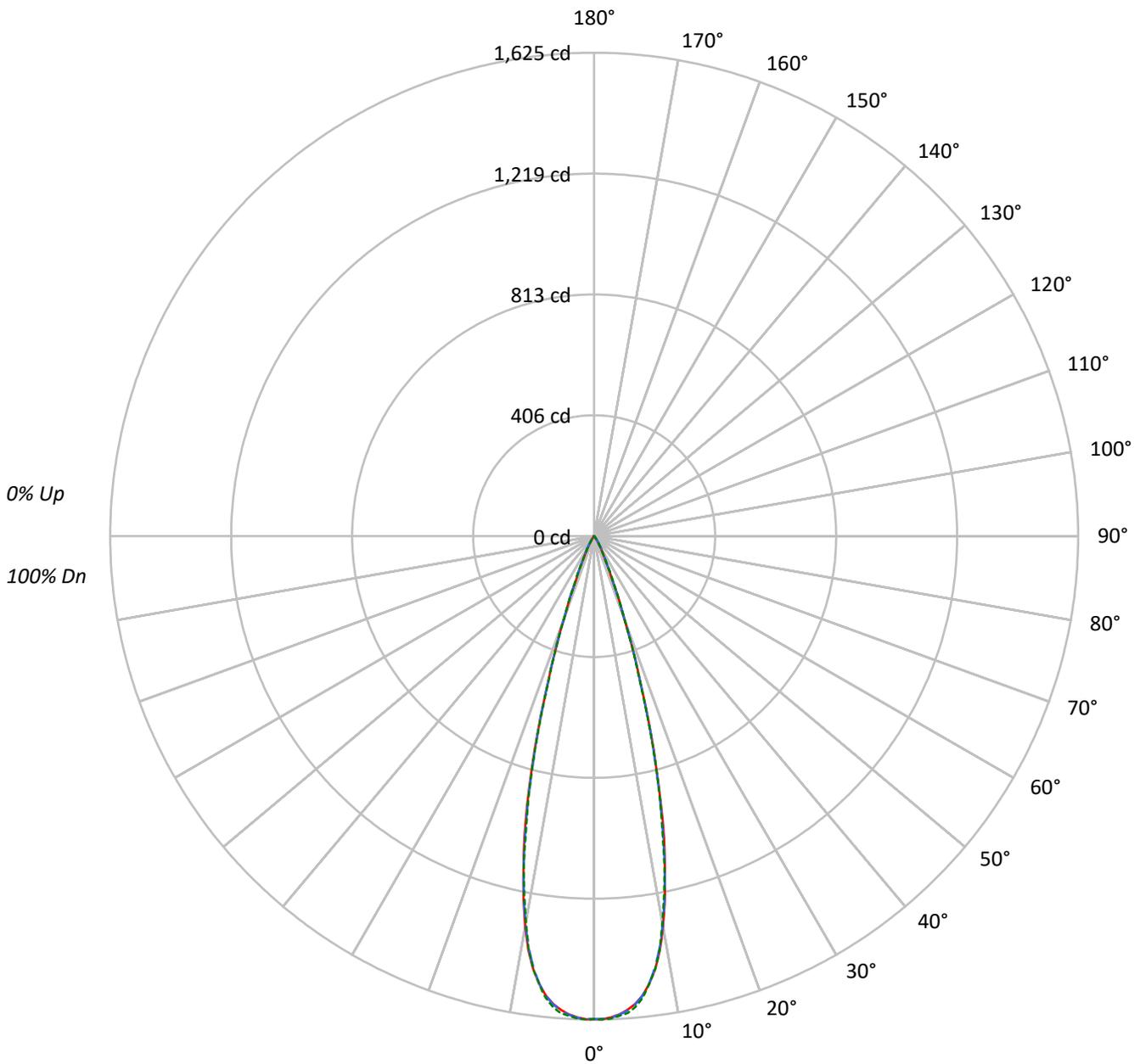
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 419.0 lumens
Efficiency: N/A
Efficacy: 58.2 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	110	113	111	109	108	107	106	105	103	102	101	100	99	99	99	99	99	97
2	112	108	105	103	109	106	104	102	103	101	99	100	99	97	98	96	95	95	94	94	94
3	108	104	100	97	106	102	99	97	100	97	95	98	95	94	95	94	92	92	92	92	91
4	105	100	96	93	103	99	95	92	97	94	91	95	92	90	93	91	89	89	89	89	88
5	102	96	92	89	101	95	92	89	94	91	88	92	90	87	91	89	87	87	87	87	86
6	99	93	89	86	98	92	89	86	91	88	85	90	87	85	89	86	84	84	84	84	83
7	96	90	86	83	95	90	86	83	89	85	83	87	85	82	87	84	82	82	82	82	81
8	94	88	84	81	93	87	83	81	86	83	80	85	82	80	84	82	80	80	80	80	79
9	91	85	81	78	91	85	81	78	84	80	78	83	80	78	82	80	78	78	78	78	77
10	89	83	79	76	88	82	79	76	82	78	76	81	78	76	80	78	76	76	76	76	75

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	279655	279655	279655
5°	272840	273186	274707
10°	233027	231943	230579
15°	143797	142121	142638
20°	54341	54653	54579
25°	16722	18338	17463
30°	6742	8551	7000
35°	1997	3637	2060
40°	809	1461	809
45°	170	487	170
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: 487 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	143.2	34.2
10°-20°	212.1	50.6
20°-30°	52.6	12.6
30°-40°	9.9	2.4
40°-50°	1.2	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°	407.9	97.3
0°-40°	417.7	99.7
0°-60°	419.0	100.0
0°-90°	419.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	419.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1624	1624	1624	1624	1624	
5°	1578	1578	1580	1583	1589	143
15°	806	799	797	803	800	213
25°	88	94	96	96	92	51
35°	10	12	17	13	10	8
45°	1	1	2	1	1	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	0



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1623.8	1623.8	1623.8	1623.8	1623.8
1°	1624.5	1623.2	1623.2	1621.2	1624.8
2°	1618.6	1617.3	1619.6	1618.0	1622.5
3°	1609.8	1608.2	1611.4	1612.4	1614.7
4°	1596.8	1595.5	1599.1	1601.0	1607.2
5°	1578.2	1577.5	1580.2	1582.8	1589.0
6°	1552.8	1551.8	1553.4	1556.7	1560.6
7°	1516.0	1514.0	1515.3	1516.0	1516.9
8°	1469.4	1466.4	1464.8	1468.4	1470.3
9°	1409.4	1406.1	1402.6	1401.3	1405.8
10°	1332.5	1327.6	1326.3	1323.0	1318.5
11°	1243.2	1239.3	1238.3	1232.4	1229.8
12°	1140.9	1138.9	1141.2	1137.6	1136.3
13°	1042.8	1030.4	1028.8	1021.9	1018.4
14°	926.8	915.4	915.0	911.5	916.4
15°	806.5	798.7	797.1	803.3	800.0
17.5°	514.2	519.4	518.1	514.9	509.3
20°	296.5	293.0	298.2	299.5	297.8
22.5°	158.0	159.4	160.3	164.2	166.8
25°	88.0	93.9	96.5	96.1	91.9
27.5°	54.7	58.3	63.2	60.0	56.4
30°	33.9	36.8	43.0	37.1	35.2
32.5°	18.2	23.1	27.7	23.1	18.9
35°	9.5	12.4	17.3	12.7	9.8
37.5°	6.2	7.2	11.1	7.2	6.2
40°	3.6	4.6	6.5	4.6	3.6
42.5°	1.6	2.6	3.6	2.6	1.6
45°	0.7	1.0	2.0	1.3	0.7
47.5°	0.0	0.3	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)