

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: P1324133

Luminaire Tested: LDSQA3D17R709030D2WDE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324133
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-43)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D17R709030D2WDE010 3LSQCDR1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R70 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

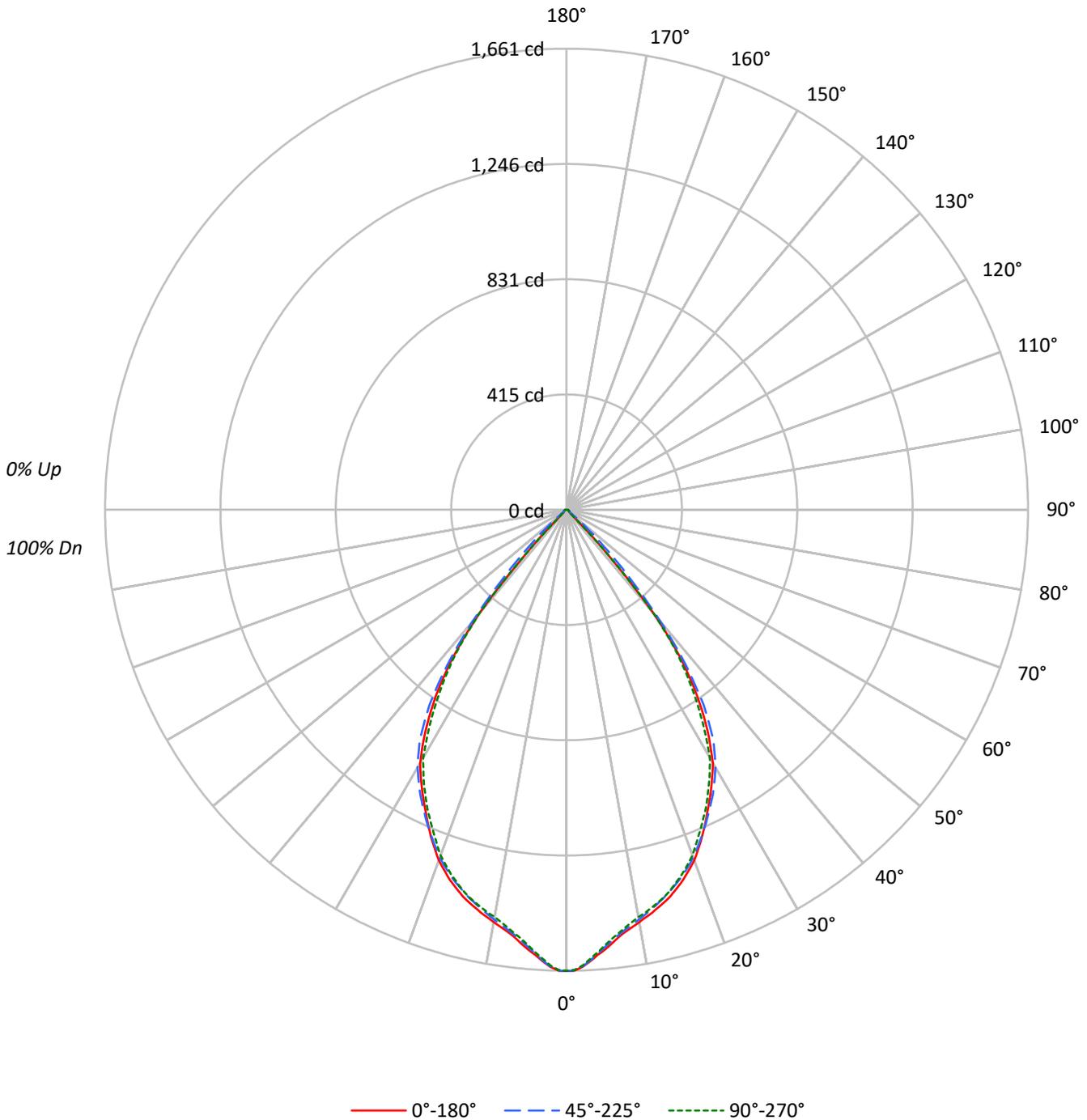
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1771.0 lumens
Efficiency: N/A
Efficacy: 64.9 lumens/watt
Spacing Criteria (0/90/45): 1 / 0.98 / 1.03
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.3
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	100	100	100
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93	93	93	93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	86	86	86	86
3	101	95	89	85	99	93	88	84	90	86	83	88	85	82	86	83	80	79	79	79	79
4	96	88	82	77	94	87	81	77	84	80	76	82	78	75	81	77	74	73	73	73	73
5	91	82	76	71	89	81	75	71	79	74	70	77	73	69	76	72	69	67	67	67	67
6	86	76	70	65	84	75	69	65	74	69	65	72	68	64	71	67	64	62	62	62	62
7	81	71	65	60	80	70	64	60	69	64	60	68	63	59	67	62	59	58	58	58	58
8	77	67	60	56	75	66	60	56	65	59	56	64	59	55	63	58	55	54	54	54	54
9	73	62	56	52	72	62	56	52	61	56	52	60	55	52	59	55	51	50	50	50	50
10	69	59	53	48	68	58	52	48	57	52	48	57	52	48	56	51	48	47	47	47	47

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	286045	286045	286045
5°	274949	273462	272460
10°	263788	262267	260518
15°	257141	254306	254057
20°	246377	244526	242950
25°	228108	229742	225372
30°	209525	213244	205229
35°	172779	180958	166136
40°	110027	118436	110027
45°	7721	51172	8403
50°	3483	10423	3483
55°	3903	3903	3903
60°	3961	3961	3961
65°	3505	4116	3505
70°	3626	4330	3626
75°	3859	3859	3859
80°	4265	4265	4265
85°	2766	5730	2766

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 51172 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	148.2	8.4
10°-20°	401.3	22.7
20°-30°	551.5	31.1
30°-40°	505.2	28.5
40°-50°	134.1	7.6
50°-60°	12.0	0.7
60°-70°	9.7	0.5
70°-80°	6.5	0.4
80°-90°	2.4	0.1
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°	1101.0	62.2
0°-40°	1606.2	90.7
0°-60°	1752.3	98.9
0°-90°	1771.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1771.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1661	1661	1661	1661	1661	
5°	1590	1583	1582	1579	1576	149
15°	1442	1429	1426	1426	1425	405
25°	1200	1205	1209	1195	1186	552
35°	822	835	861	822	790	498
45°	32	108	210	109	34	95
55°	13	13	13	13	13	11
65°	9	10	10	10	9	9
75°	6	6	6	6	6	6
85°	1	3	3	3	1	2
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1660.9	1660.9	1660.9	1660.9	1660.9
1°	1660.9	1658.1	1660.9	1660.9	1658.1
2°	1648.0	1645.1	1646.6	1645.1	1643.7
3°	1629.3	1625.0	1626.4	1623.5	1620.6
4°	1607.7	1603.4	1603.4	1601.9	1599.1
5°	1590.4	1583.2	1581.8	1578.9	1576.0
6°	1570.3	1563.1	1561.6	1557.3	1554.4
7°	1550.1	1544.4	1542.9	1537.2	1537.2
8°	1534.3	1527.1	1527.1	1519.9	1519.9
9°	1521.3	1512.7	1512.7	1506.9	1504.1
10°	1508.4	1499.7	1499.7	1492.5	1489.7
11°	1495.4	1488.2	1485.4	1481.0	1479.6
12°	1483.9	1473.8	1471.0	1469.5	1466.6
13°	1469.5	1459.4	1456.6	1455.1	1453.7
14°	1456.6	1443.6	1442.2	1439.3	1440.7
15°	1442.2	1429.2	1426.3	1426.3	1424.9
17.5°	1397.6	1388.9	1384.6	1381.7	1378.8
20°	1344.3	1337.1	1334.2	1328.5	1325.6
22.5°	1275.2	1273.8	1272.3	1265.1	1253.6
25°	1200.4	1204.7	1209.0	1194.6	1186.0
27.5°	1128.4	1139.9	1144.2	1129.8	1111.1
30°	1053.6	1063.6	1072.3	1052.1	1032.0
32.5°	945.6	970.1	983.0	960.0	914.0
35°	821.8	834.8	860.7	821.8	790.2
37.5°	677.9	685.1	705.3	679.3	657.8
40°	489.4	510.9	526.8	510.9	489.4
42.5°	220.2	308.0	348.3	325.3	230.3
45°	31.7	107.9	210.1	109.4	34.5
47.5°	13.0	17.3	109.4	15.8	13.0
50°	13.0	13.0	38.9	13.0	13.0
52.5°	13.0	13.0	14.4	13.0	13.0
55°	13.0	13.0	13.0	13.0	13.0
57.5°	11.5	11.5	13.0	11.5	11.5
60°	11.5	11.5	11.5	11.5	11.5
62.5°	10.1	11.5	11.5	11.5	10.1
65°	8.6	10.1	10.1	10.1	8.6
67.5°	8.6	8.6	8.6	8.6	8.6
70°	7.2	8.6	8.6	8.6	7.2
72.5°	7.2	7.2	7.2	7.2	7.2
75°	5.8	5.8	5.8	5.8	5.8
77.5°	4.3	5.8	5.8	5.8	4.3
80°	4.3	4.3	4.3	4.3	4.3
82.5°	2.9	2.9	2.9	2.9	2.9
85°	1.4	2.9	2.9	2.9	1.4
87.5°	1.4	1.4	1.4	1.4	1.4



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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)