

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: P1313891

Luminaire Tested: LDSQA3D17R609727DE010 3LSQCDR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1313891
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D17R609727DE010 3LSQCDR1MB
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 97CRI , 3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

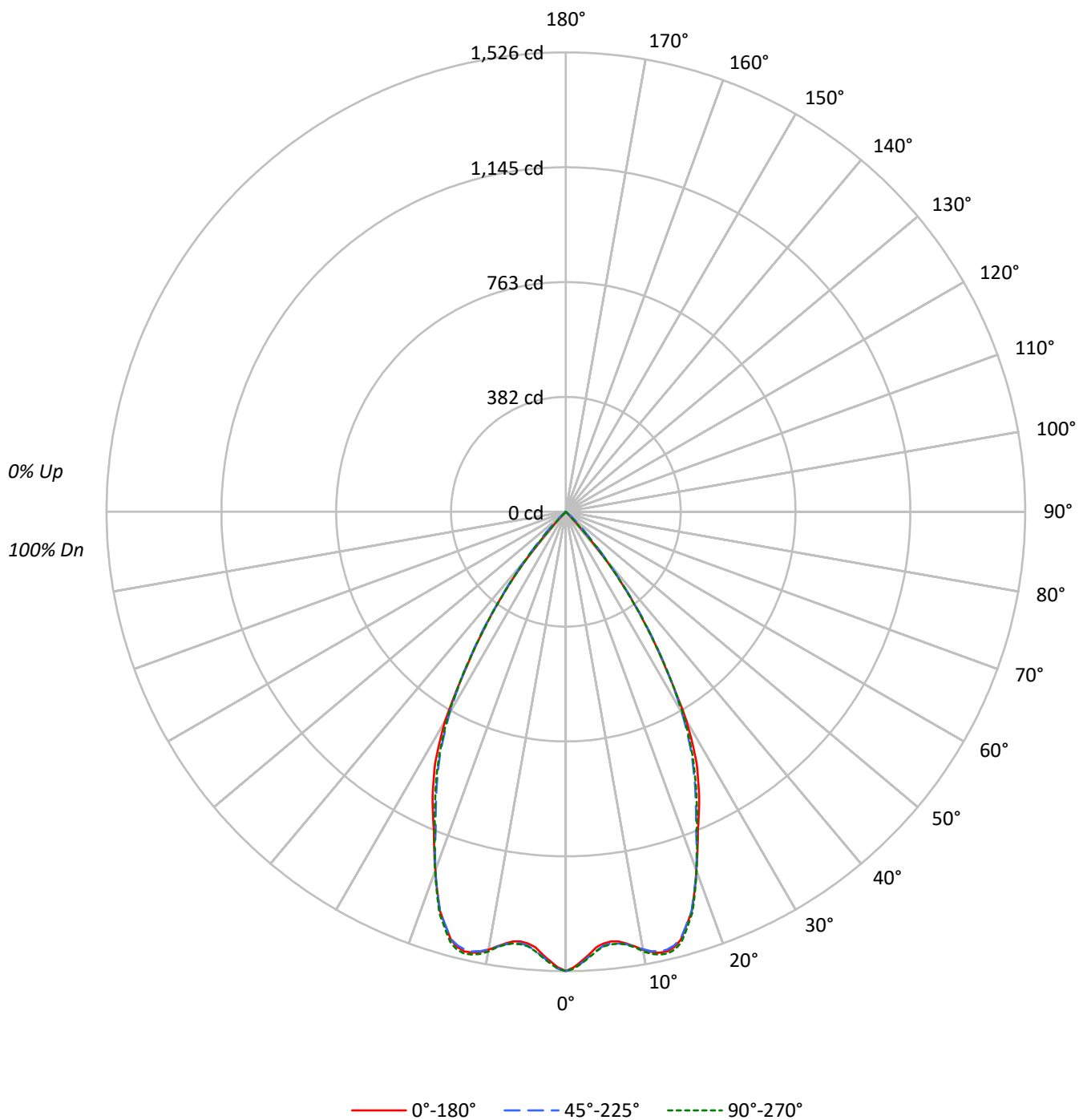
Lumens per Lamp: N/A
Luminaire Lumens: 1352.0 lumens
Efficiency: N/A
Efficacy: 63.8 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.93 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	114	111	109	107	111	109	107	105	105	103	102		101	100	99		98
2	108	104	100	97	106	102	98	95	99	96	93		96	93	91		93
3	103	97	92	88	101	96	91	88	93	89	86		91	88	85		88
4	98	91	86	81	96	90	85	81	88	83	80		86	82	79		84
5	93	85	80	76	92	84	79	75	83	78	75		81	77	74		79
6	89	80	74	70	87	79	74	70	78	73	70		77	72	69		75
7	85	76	70	66	83	75	69	65	74	69	65		72	68	65		71
8	81	71	66	62	79	71	65	61	70	65	61		69	64	61		68
9	77	67	62	58	76	67	61	58	66	61	57		65	61	57		64
10	73	64	58	54	72	63	58	54	63	58	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	262743	262743	262743
5°	248844	250141	250521
10°	258314	257947	259451
15°	262597	262205	264131
20°	232375	232375	232778
25°	199148	193200	194853
30°	159311	153524	155871
35°	98836	100876	98605
40°	43390	47752	44604
45°	536	15490	1315
50°	0	1742	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: 15490 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	139.3	10.3
10°-20°	403.9	29.9
20°-30°	468.9	34.7
30°-40°	295.3	21.8
40°-50°	44.3	3.3
50°-60°	0.2	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°	1012.1	74.9
0°-40°	1307.4	96.7
0°-60°	1352.0	100.0
0°-90°	1352.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1352.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1526	1526	1526	1526	1526	
5°	1439	1445	1447	1450	1449	139
15°	1473	1467	1471	1480	1481	404
25°	1048	1036	1017	1021	1025	476
35°	470	471	480	470	469	293
45°	2	20	64	27	5	29
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°	1525.6	1525.6	1525.6	1525.6	1525.6
1°	1513.8	1518.1	1518.1	1519.2	1518.1
2°	1493.3	1499.8	1499.8	1503.0	1500.8
3°	1472.8	1478.2	1479.3	1483.6	1482.5
4°	1450.2	1458.8	1462.0	1464.2	1463.1
5°	1439.4	1444.8	1446.9	1450.2	1449.1
6°	1435.1	1439.4	1441.5	1444.8	1444.8
7°	1438.3	1441.5	1444.8	1446.9	1444.8
8°	1448.0	1451.2	1451.2	1455.5	1452.3
9°	1462.0	1463.1	1463.1	1468.5	1465.3
10°	1477.1	1475.0	1475.0	1482.5	1483.6
11°	1490.1	1487.9	1486.8	1494.4	1496.5
12°	1497.6	1493.3	1493.3	1503.0	1504.1
13°	1498.7	1493.3	1493.3	1503.0	1506.2
14°	1490.1	1483.6	1484.7	1495.4	1498.7
15°	1472.8	1467.4	1470.6	1480.3	1481.4
17.5°	1390.9	1387.6	1389.8	1396.2	1397.3
20°	1267.9	1265.8	1267.9	1267.9	1270.1
22.5°	1146.1	1140.7	1129.9	1136.4	1137.5
25°	1048.0	1036.1	1016.7	1021.0	1025.4
27.5°	940.2	925.1	904.6	910.0	911.1
30°	801.1	793.5	772.0	777.4	783.8
32.5°	618.9	639.4	626.4	625.3	626.4
35°	470.1	471.2	479.8	470.1	469.0
37.5°	328.8	329.9	336.4	325.6	326.7
40°	193.0	207.0	212.4	208.1	198.4
42.5°	60.4	106.7	120.8	104.6	66.8
45°	2.2	20.5	63.6	27.0	5.4
47.5°	0.0	1.1	30.2	2.2	0.0
50°	0.0	0.0	6.5	0.0	0.0
52.5°	0.0	0.0	1.1	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)