

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: P1318570

Luminaire Tested: LDSQA3D17R609830DE010 3LSQCDR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1318570
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: LDSQA3D17R609830DE010 3LSQCDR1MB
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 98CRI , 3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

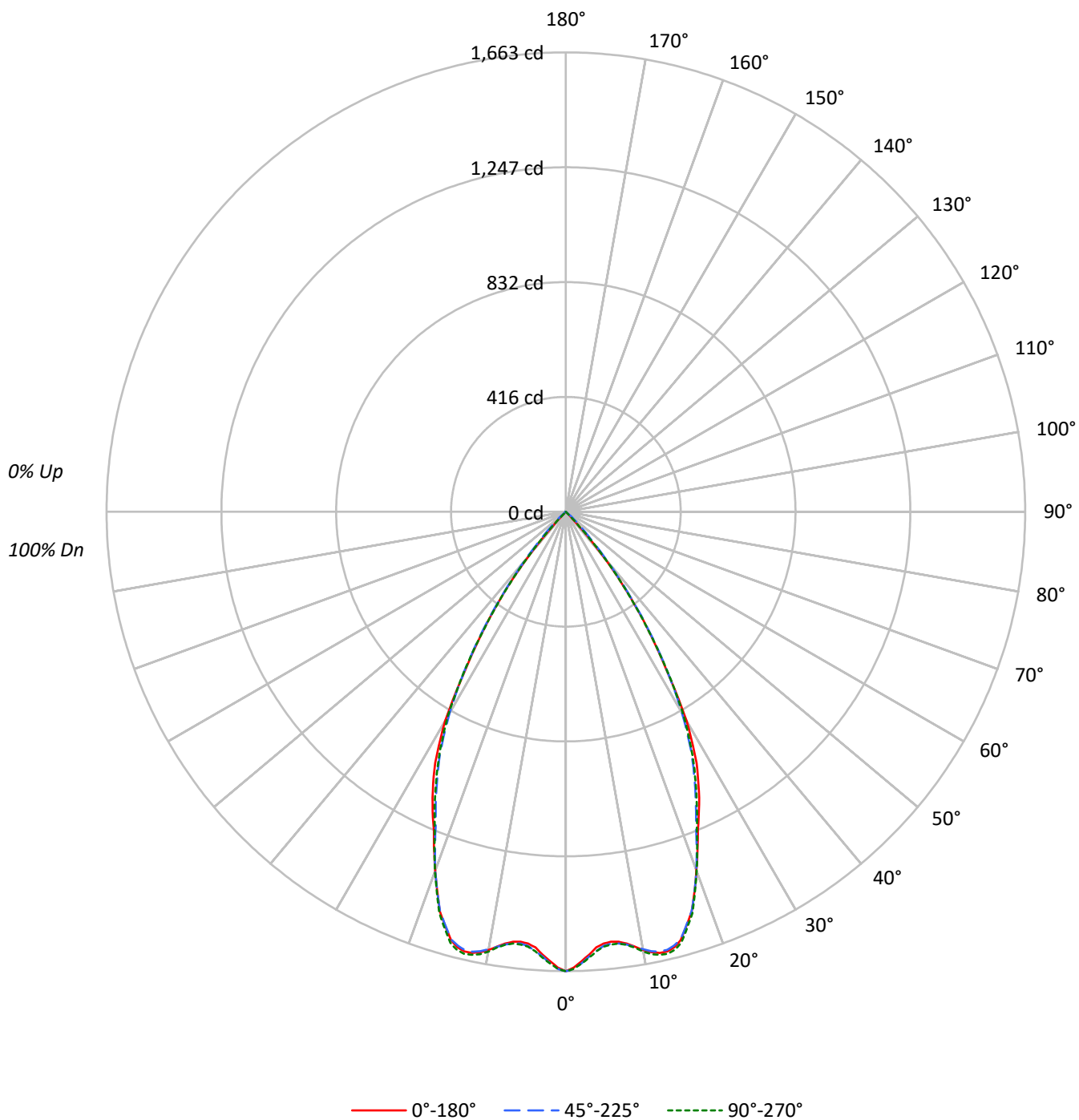
Lumens per Lamp: N/A
Luminaire Lumens: 1474.0 lumens
Efficiency: N/A
Efficacy: 72.3 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.93 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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

TEST NUMBER: P1318570

CATALOG NUMBER: LDSQA3D17R609830DE010 3LSQCDR1MB

Luminous Intensity Polar Plot



TEST NUMBER: P1318570

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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°	286458	286458	286458
5°	271301	272719	273117
10°	281626	281224	282868
15°	286293	285865	287969
20°	253360	253360	253782
25°	217124	210645	212431
30°	173689	167365	169951
35°	107751	109979	107498
40°	47302	52068	48629
45°	585	16903	1437
50°	0	1902	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: 16903 cd/sqm

TEST NUMBER: P1318570

CATALOG NUMBER: LDSQA3D17R609830DE010 3LSQCDR1MB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	151.9	10.3
10°-20°	440.3	29.9
20°-30°	511.2	34.7
30°-40°	321.9	21.8
40°-50°	48.3	3.3
50°-60°	0.3	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°	1103.5	74.9
0°-40°	1425.4	96.7
0°-60°	1474.0	100.0
0°-90°	1474.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1474.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1663	1663	1663	1663	1663	
5°	1569	1575	1578	1581	1580	151
15°	1606	1600	1603	1614	1615	440
25°	1143	1130	1108	1113	1118	519
35°	512	514	523	512	511	320
45°	2	22	69	29	6	32
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	

TEST NUMBER: P1318570

CATALOG NUMBER: LDSQA3D17R609830DE010 3LSQCDR1MB

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1663.3	1663.3	1663.3	1663.3	1663.3
1°	1650.4	1655.1	1655.1	1656.2	1655.1
2°	1628.0	1635.1	1635.1	1638.6	1636.3
3°	1605.7	1611.6	1612.8	1617.5	1616.3
4°	1581.0	1590.4	1593.9	1596.3	1595.1
5°	1569.3	1575.1	1577.5	1581.0	1579.8
6°	1564.6	1569.3	1571.6	1575.1	1575.1
7°	1568.1	1571.6	1575.1	1577.5	1575.1
8°	1578.7	1582.2	1582.2	1586.9	1583.4
9°	1593.9	1595.1	1595.1	1601.0	1597.5
10°	1610.4	1608.1	1608.1	1616.3	1617.5
11°	1624.5	1622.2	1621.0	1629.2	1631.6
12°	1632.7	1628.0	1628.0	1638.6	1639.8
13°	1633.9	1628.0	1628.0	1638.6	1642.1
14°	1624.5	1617.5	1618.6	1630.4	1633.9
15°	1605.7	1599.8	1603.3	1613.9	1615.1
17.5°	1516.4	1512.8	1515.2	1522.2	1523.4
20°	1382.4	1380.0	1382.4	1382.4	1384.7
22.5°	1249.5	1243.7	1231.9	1239.0	1240.1
25°	1142.6	1129.6	1108.5	1113.2	1117.9
27.5°	1025.0	1008.6	986.2	992.1	993.3
30°	873.4	865.2	841.6	847.5	854.6
32.5°	674.7	697.1	683.0	681.8	683.0
35°	512.5	513.7	523.1	512.5	511.3
37.5°	358.5	359.7	366.7	355.0	356.2
40°	210.4	225.7	231.6	226.9	216.3
42.5°	65.8	116.4	131.7	114.0	72.9
45°	2.4	22.3	69.4	29.4	5.9
47.5°	0.0	1.2	32.9	2.4	0.0
50°	0.0	0.0	7.1	0.0	0.0
52.5°	0.0	0.0	1.2	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



TEST NUMBER: P1318570

CATALOG NUMBER: LDSQA3D17R609830DE010 3LSQCDR1MB

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)