

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: P1319446

Luminaire Tested: LDSQA3D17R609835DE010 3LSQCDR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1319446
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: LDSQA3D17R609835DE010 3LSQCDR1MB
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 98CRI , 3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

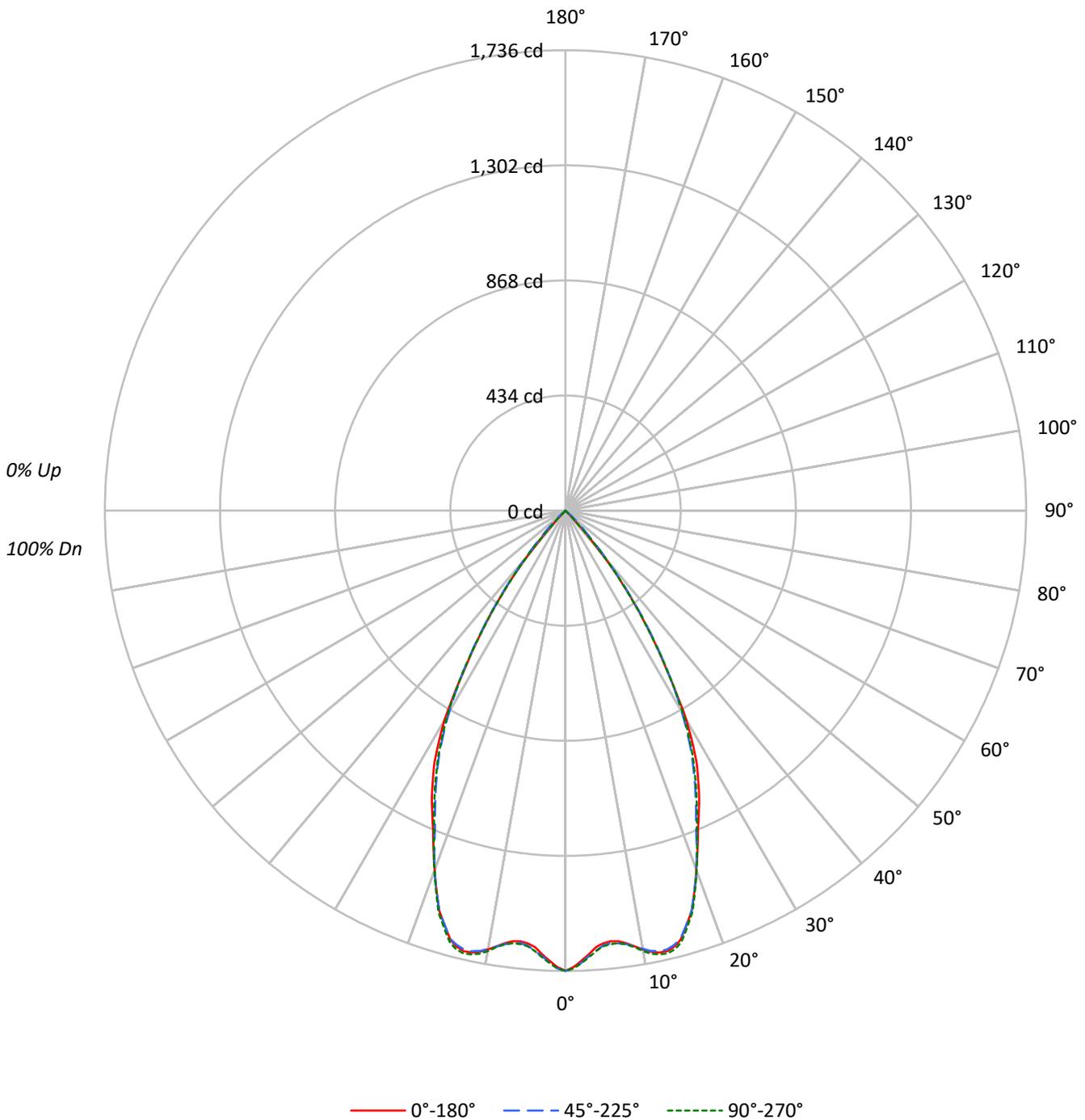
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1538.0 lumens
Efficiency: N/A
Efficacy: 75.4 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

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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	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94	94	94	94
2	108	104	100	97	106	102	98	95	99	96	93	96	93	91	93	91	89	88	88	88	88
3	103	97	92	88	101	96	91	88	93	89	86	91	88	85	88	86	84	82	82	82	82
4	98	91	86	81	96	90	85	81	88	83	80	86	82	79	84	81	78	77	77	77	77
5	93	85	80	76	92	84	79	75	83	78	75	81	77	74	79	76	73	72	72	72	72
6	89	80	74	70	87	79	74	70	78	73	70	77	72	69	75	72	69	67	67	67	67
7	85	76	70	66	83	75	69	65	74	69	65	72	68	65	71	67	64	63	63	63	63
8	81	71	66	62	79	71	65	61	70	65	61	69	64	61	68	64	61	59	59	59	59
9	77	67	62	58	76	67	61	58	66	61	57	65	61	57	64	60	57	56	56	56	56
10	73	64	58	54	72	63	58	54	63	58	54	62	57	54	61	57	54	53	53	53	53

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	298892	298892	298892
5°	283075	284561	284976
10°	293850	293430	295144
15°	298720	298293	300468
20°	264357	264357	264796
25°	226550	219785	221647
30°	181226	174644	177328
35°	112439	114752	112166
40°	49348	54317	50742
45°	609	17634	1486
50°	0	1983	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: 17634 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	158.5	10.3
10°-20°	459.5	29.9
20°-30°	533.4	34.7
30°-40°	335.9	21.8
40°-50°	50.4	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°	1151.4	74.9
0°-40°	1487.3	96.7
0°-60°	1538.0	100.0
0°-90°	1538.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1538.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1736	1736	1736	1736	1736	
5°	1637	1644	1646	1650	1648	158
15°	1675	1669	1673	1684	1685	459
25°	1192	1179	1157	1162	1166	542
35°	535	536	546	535	534	334
45°	2	23	72	31	6	33
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°	1735.5	1735.5	1735.5	1735.5	1735.5
1°	1722.0	1726.9	1726.9	1728.2	1726.9
2°	1698.7	1706.1	1706.1	1709.8	1707.3
3°	1675.4	1681.6	1682.8	1687.7	1686.5
4°	1649.7	1659.5	1663.2	1665.6	1664.4
5°	1637.4	1643.5	1646.0	1649.7	1648.4
6°	1632.5	1637.4	1639.8	1643.5	1643.5
7°	1636.2	1639.8	1643.5	1646.0	1643.5
8°	1647.2	1650.9	1650.9	1655.8	1652.1
9°	1663.2	1664.4	1664.4	1670.5	1666.8
10°	1680.3	1677.9	1677.9	1686.5	1687.7
11°	1695.0	1692.6	1691.4	1699.9	1702.4
12°	1703.6	1698.7	1698.7	1709.8	1711.0
13°	1704.9	1698.7	1698.7	1709.8	1713.4
14°	1695.0	1687.7	1688.9	1701.2	1704.9
15°	1675.4	1669.3	1673.0	1684.0	1685.2
17.5°	1582.2	1578.5	1581.0	1588.3	1589.6
20°	1442.4	1439.9	1442.4	1442.4	1444.8
22.5°	1303.8	1297.7	1285.4	1292.7	1294.0
25°	1192.2	1178.7	1156.6	1161.5	1166.4
27.5°	1069.5	1052.3	1029.0	1035.2	1036.4
30°	911.3	902.7	878.2	884.3	891.7
32.5°	704.0	727.3	712.6	711.4	712.6
35°	534.8	536.0	545.8	534.8	533.5
37.5°	374.1	375.3	382.7	370.4	371.6
40°	219.5	235.5	241.6	236.7	225.7
42.5°	68.7	121.4	137.4	119.0	76.0
45°	2.5	23.3	72.4	30.7	6.1
47.5°	0.0	1.2	34.3	2.5	0.0
50°	0.0	0.0	7.4	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



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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)