

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: P1320322

Luminaire Tested: LDSQA3D17R609840DE010 3LSQCDR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1320322
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: LDSQA3D17R609840DE010 3LSQCDR1MB
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 98CRI , 3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

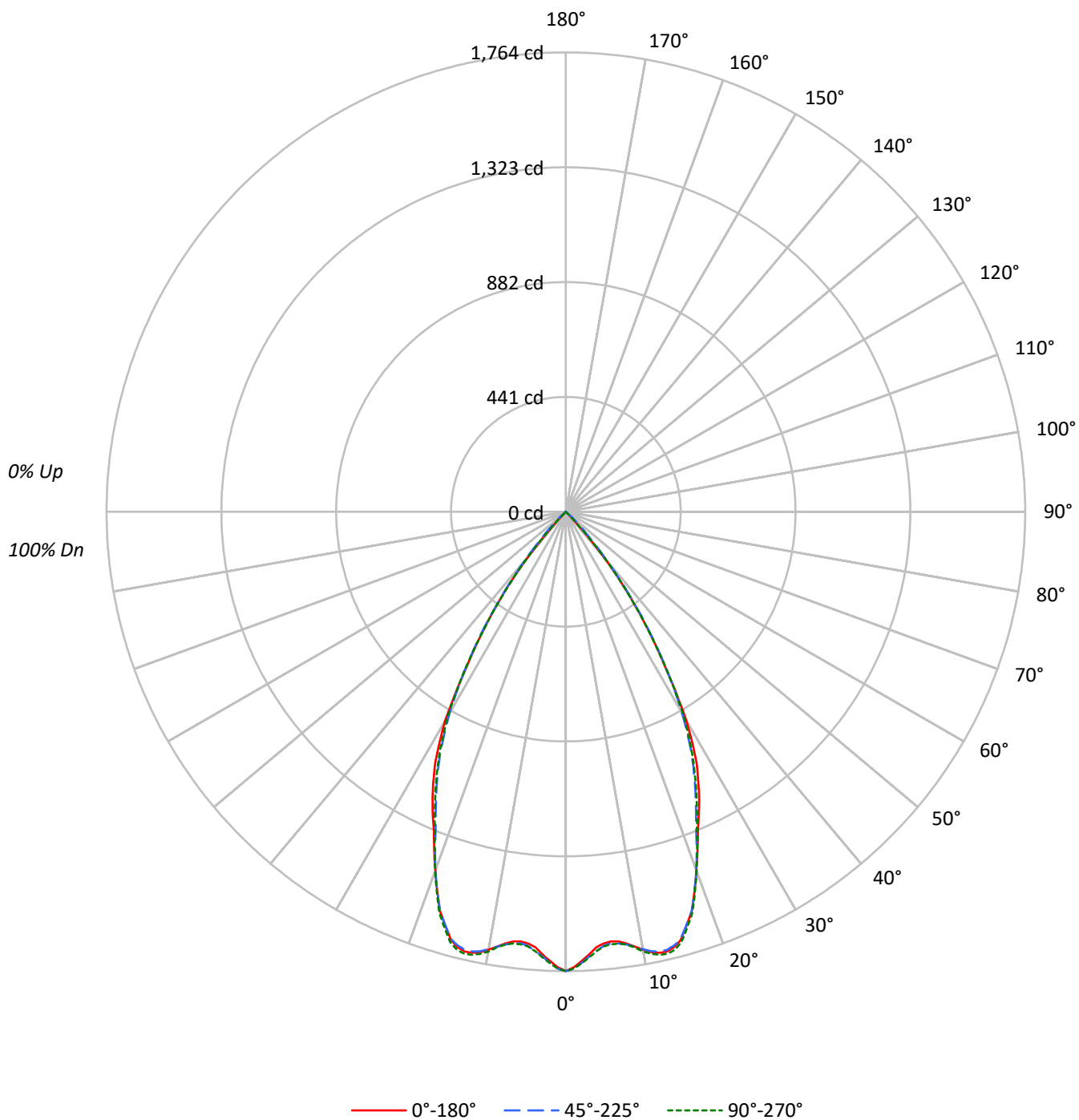
Lumens per Lamp: N/A
Luminaire Lumens: 1563.0 lumens
Efficiency: N/A
Efficacy: 76.6 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.93 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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
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°	303749	303749	303749
5°	287673	289177	289609
10°	298624	298187	299936
15°	303588	303142	305353
20°	268645	268645	269103
25°	230236	223357	225258
30°	184169	177488	180212
35°	114268	116623	113995
40°	50157	55216	51551
45°	609	17902	1510
50°	0	2009	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: 17902 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	161.1	10.3
10°-20°	466.9	29.9
20°-30°	542.1	34.7
30°-40°	341.4	21.8
40°-50°	51.3	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°	1170.1	74.9
0°-40°	1511.5	96.7
0°-60°	1563.0	100.0
0°-90°	1563.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1563.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1764	1764	1764	1764	1764	
5°	1664	1670	1673	1676	1675	161
15°	1703	1696	1700	1711	1713	467
25°	1212	1198	1175	1180	1185	551
35°	544	545	555	544	542	339
45°	2	24	74	31	6	34
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°	1763.7	1763.7	1763.7	1763.7	1763.7
1°	1750.0	1755.0	1755.0	1756.3	1755.0
2°	1726.3	1733.8	1733.8	1737.6	1735.1
3°	1702.7	1708.9	1710.1	1715.1	1713.9
4°	1676.5	1686.4	1690.2	1692.7	1691.4
5°	1664.0	1670.2	1672.7	1676.5	1675.2
6°	1659.0	1664.0	1666.5	1670.2	1670.2
7°	1662.8	1666.5	1670.2	1672.7	1670.2
8°	1674.0	1677.7	1677.7	1682.7	1679.0
9°	1690.2	1691.4	1691.4	1697.7	1693.9
10°	1707.6	1705.1	1705.1	1713.9	1715.1
11°	1722.6	1720.1	1718.9	1727.6	1730.1
12°	1731.3	1726.3	1726.3	1737.6	1738.8
13°	1732.6	1726.3	1726.3	1737.6	1741.3
14°	1722.6	1715.1	1716.4	1728.8	1732.6
15°	1702.7	1696.4	1700.2	1711.4	1712.6
17.5°	1607.9	1604.2	1606.7	1614.2	1615.4
20°	1465.8	1463.3	1465.8	1465.8	1468.3
22.5°	1325.0	1318.7	1306.3	1313.8	1315.0
25°	1211.6	1197.8	1175.4	1180.4	1185.4
27.5°	1086.9	1069.5	1045.8	1052.0	1053.3
30°	926.1	917.4	892.5	898.7	906.2
32.5°	715.5	739.1	724.2	722.9	724.2
35°	543.5	544.7	554.7	543.5	542.2
37.5°	380.2	381.4	388.9	376.4	377.7
40°	223.1	239.3	245.6	240.6	229.3
42.5°	69.8	123.4	139.6	120.9	77.3
45°	2.5	23.7	73.5	31.2	6.2
47.5°	0.0	1.2	34.9	2.5	0.0
50°	0.0	0.0	7.5	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)