

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: P1316807

Luminaire Tested: LDSQA3D17R609740DE010 3LSQCDR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1316807
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: LDSQA3D17R609740DE010 3LSQCDR1MB
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 97CRI , 3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

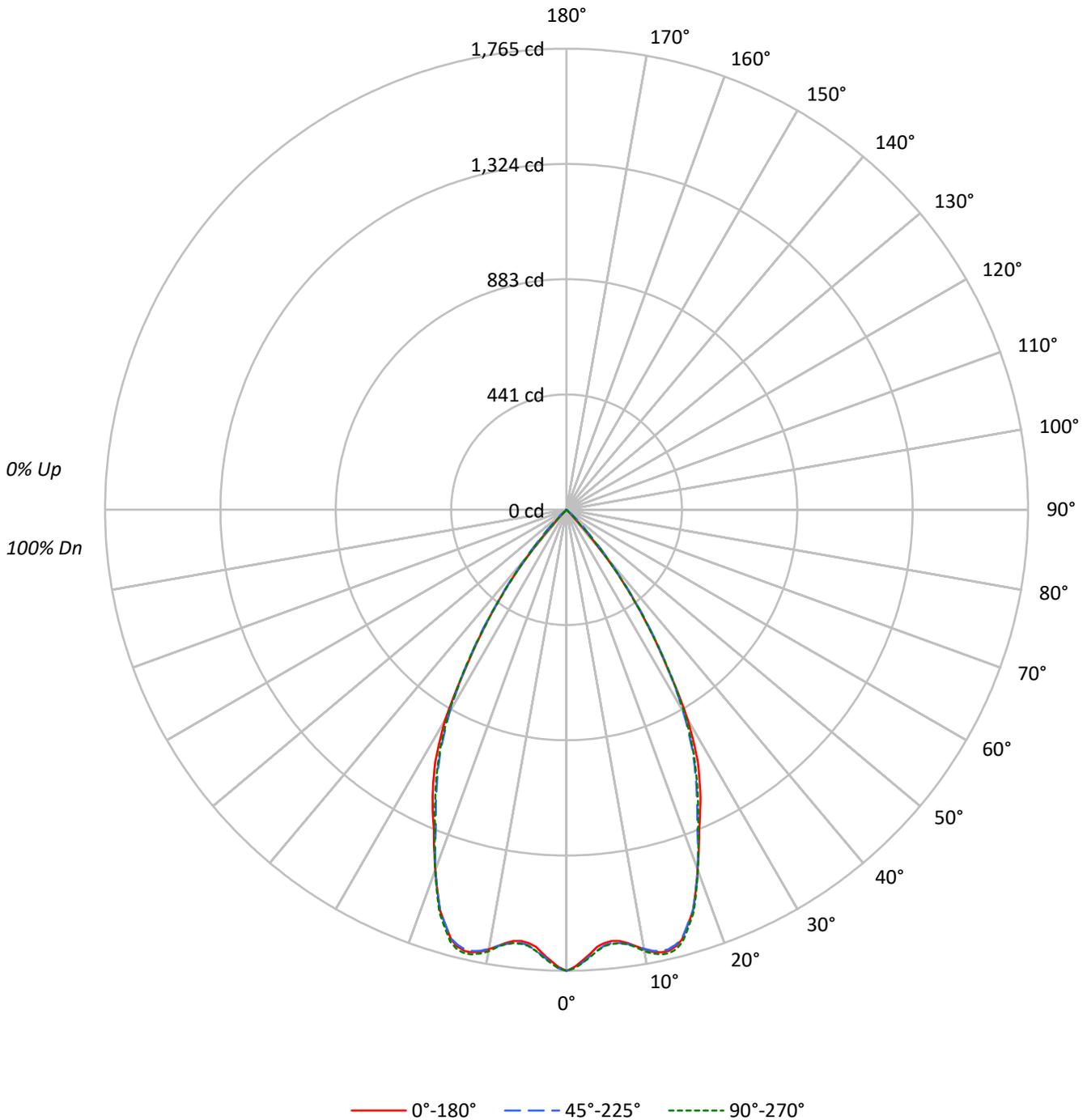
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1564.0 lumens
Efficiency: N/A
Efficacy: 73.8 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				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	102	102	102	100
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	96	96	96	94
2	108	104	100	97	106	102	98	95	99	96	93	96	93	91	93	91	89	93	91	89	88
3	103	97	92	88	101	96	91	88	93	89	86	91	88	85	88	86	84	88	86	84	82
4	98	91	86	81	96	90	85	81	88	83	80	86	82	79	84	81	78	84	81	78	77
5	93	85	80	76	92	84	79	75	83	78	75	81	77	74	79	76	73	79	76	73	72
6	89	80	74	70	87	79	74	70	78	73	70	77	72	69	75	72	69	75	72	69	67
7	85	76	70	66	83	75	69	65	74	69	65	72	68	65	71	67	64	71	67	64	63
8	81	71	66	62	79	71	65	61	70	65	61	69	64	61	68	64	61	68	64	61	59
9	77	67	62	58	76	67	61	58	66	61	57	65	61	57	64	60	57	64	60	57	56
10	73	64	58	54	72	63	58	54	63	58	54	62	57	54	61	57	54	61	57	54	53

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	303956	303956	303956
5°	287863	289367	289800
10°	298817	298379	300128
15°	303766	303321	305549
20°	268829	268829	269287
25°	230369	223509	225391
30°	184289	177587	180311
35°	114331	116686	114079
40°	50202	55238	51596
45°	609	17926	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: 17926 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	161.2	10.3
10°-20°	467.2	29.9
20°-30°	542.4	34.7
30°-40°	341.6	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°	1170.9	74.9
0°-40°	1512.4	96.7
0°-60°	1564.0	100.0
0°-90°	1564.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1564.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1765	1765	1765	1765	1765	
5°	1665	1671	1674	1678	1676	161
15°	1704	1698	1701	1712	1714	467
25°	1212	1199	1176	1181	1186	551
35°	544	545	555	544	543	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	0



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1764.9	1764.9	1764.9	1764.9	1764.9
1°	1751.1	1756.1	1756.1	1757.4	1756.1
2°	1727.4	1734.9	1734.9	1738.7	1736.2
3°	1703.7	1710.0	1711.2	1716.2	1715.0
4°	1677.5	1687.5	1691.3	1693.8	1692.5
5°	1665.1	1671.3	1673.8	1677.5	1676.3
6°	1660.1	1665.1	1667.6	1671.3	1671.3
7°	1663.8	1667.6	1671.3	1673.8	1671.3
8°	1675.1	1678.8	1678.8	1683.8	1680.0
9°	1691.3	1692.5	1692.5	1698.8	1695.0
10°	1708.7	1706.2	1706.2	1715.0	1716.2
11°	1723.7	1721.2	1720.0	1728.7	1731.2
12°	1732.4	1727.4	1727.4	1738.7	1739.9
13°	1733.7	1727.4	1727.4	1738.7	1742.4
14°	1723.7	1716.2	1717.5	1729.9	1733.7
15°	1703.7	1697.5	1701.2	1712.5	1713.7
17.5°	1609.0	1605.2	1607.7	1615.2	1616.4
20°	1466.8	1464.3	1466.8	1466.8	1469.3
22.5°	1325.8	1319.6	1307.1	1314.6	1315.8
25°	1212.3	1198.6	1176.2	1181.1	1186.1
27.5°	1087.6	1070.1	1046.4	1052.7	1053.9
30°	926.7	918.0	893.0	899.3	906.7
32.5°	715.9	739.6	724.7	723.4	724.7
35°	543.8	545.0	555.0	543.8	542.6
37.5°	380.4	381.7	389.1	376.7	377.9
40°	223.3	239.5	245.7	240.7	229.5
42.5°	69.8	123.5	139.7	121.0	77.3
45°	2.5	23.7	73.6	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)