

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: P1316284

Luminaire Tested: LDSQA3D05R359740DE010 3LSQCDR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1316284
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R359740DE010 3LSQCDR1MMS
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 97CRI , 3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

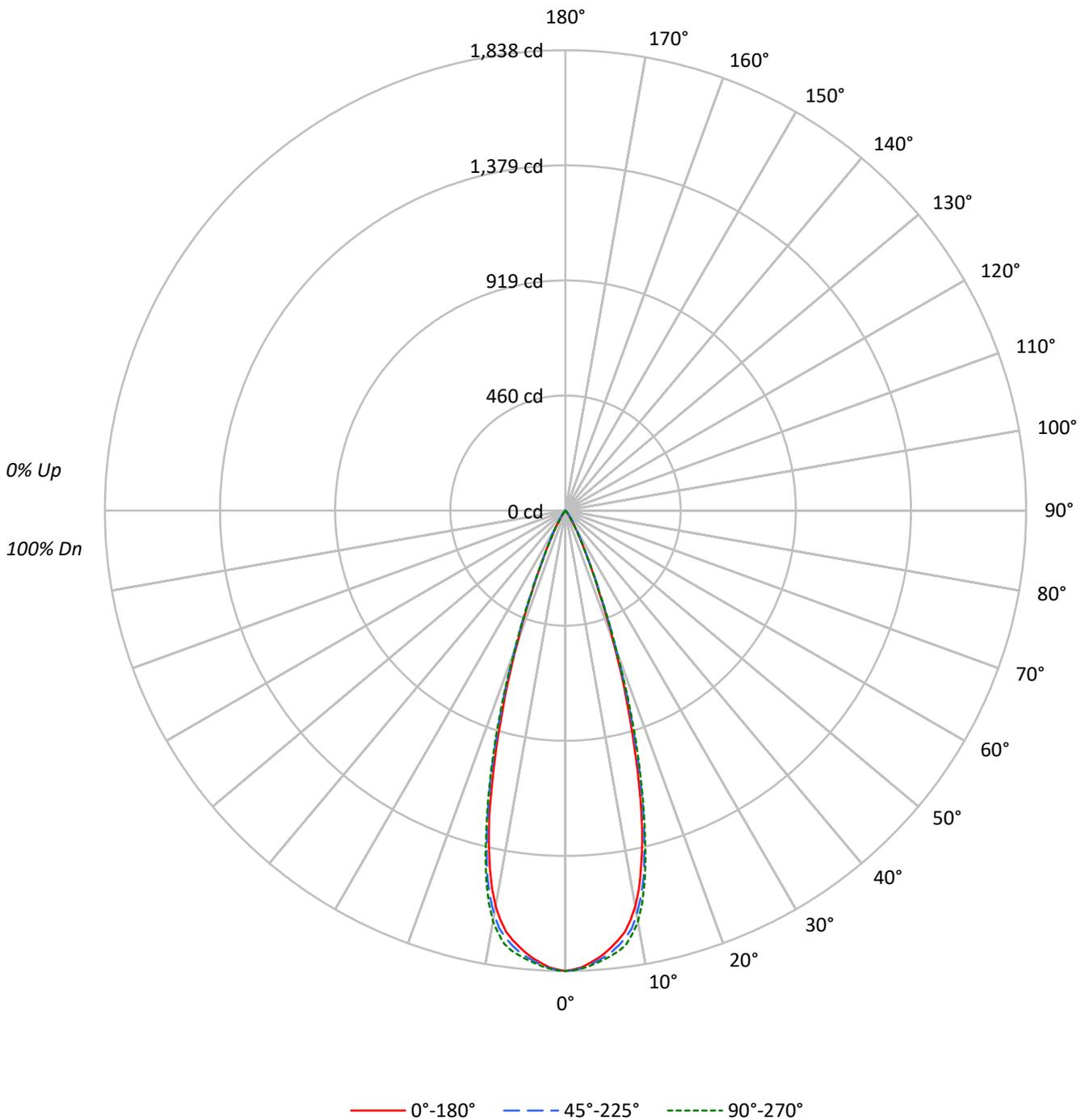
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 612.0 lumens
Efficiency: N/A
Efficacy: 85.0 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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	0
RW	70	50	30	10	70	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
1	115	113	111	109	113	111	109	107	107	105	104	103	102	101	100	99	98	96
2	111	107	104	102	109	106	103	100	102	100	98	100	98	96	97	96	94	93
3	107	102	99	96	105	101	98	95	99	96	94	96	94	92	94	92	91	89
4	104	98	94	91	102	97	93	90	95	92	89	93	91	88	92	89	87	86
5	100	94	90	87	99	93	90	87	92	88	86	90	87	85	89	86	84	83
6	97	91	86	83	96	90	86	83	89	85	83	88	84	82	86	84	82	80
7	94	88	83	80	93	87	83	80	86	82	80	85	82	79	84	81	79	78
8	91	85	80	77	91	84	80	77	83	80	77	82	79	77	81	79	76	75
9	89	82	78	75	88	81	77	75	81	77	74	80	77	74	79	76	74	73
10	86	79	75	72	85	79	75	72	78	75	72	78	74	72	77	74	72	71

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	316562	316562	316562
5°	306967	309145	310822
10°	280507	286435	291349
15°	201726	210534	212264
20°	102689	107858	108114
25°	38955	39792	38689
30°	15134	17540	14756
35°	5193	8158	4899
40°	1754	3170	1641
45°	122	1072	122
50°	0	134	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: 1072 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	166.4	27.2
10°-20°	310.0	50.7
20°-30°	111.4	18.2
30°-40°	21.8	3.6
40°-50°	2.4	0.4
50°-60°	0.0	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°	587.8	96.0
0°-40°	609.6	99.6
0°-60°	612.0	100.0
0°-90°	612.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	612.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1838	1838	1838	1838	1838	
5°	1776	1780	1788	1796	1798	164
15°	1131	1150	1181	1189	1190	301
25°	205	207	209	208	204	107
35°	25	28	39	29	23	18
45°	0	2	4	2	0	1
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°	1838.1	1838.1	1838.1	1838.1	1838.1
1°	1832.8	1835.2	1835.7	1839.1	1835.2
2°	1825.0	1826.5	1828.4	1831.3	1829.4
3°	1810.0	1812.9	1817.3	1821.1	1821.1
4°	1794.0	1797.9	1803.2	1810.0	1809.5
5°	1775.6	1780.4	1788.2	1796.4	1797.9
6°	1752.3	1758.1	1770.7	1782.4	1784.3
7°	1727.6	1736.3	1748.4	1765.4	1769.8
8°	1698.5	1705.3	1722.7	1742.6	1747.5
9°	1655.8	1666.0	1688.3	1706.7	1709.6
10°	1604.0	1611.2	1637.9	1657.3	1666.0
11°	1537.1	1547.7	1573.9	1593.8	1599.6
12°	1451.8	1467.3	1497.8	1512.4	1517.2
13°	1359.7	1372.8	1396.5	1414.4	1418.3
14°	1255.9	1268.5	1293.3	1307.8	1304.4
15°	1131.4	1150.3	1180.8	1189.0	1190.5
17.5°	835.7	847.8	874.9	888.0	897.2
20°	560.3	572.0	588.5	597.2	589.9
22.5°	340.8	350.5	359.2	358.7	356.3
25°	205.0	207.0	209.4	207.9	203.6
27.5°	119.7	125.1	132.3	127.5	120.2
30°	76.1	80.5	88.2	80.0	74.2
32.5°	40.2	50.9	59.1	48.0	42.2
35°	24.7	28.1	38.8	28.6	23.3
37.5°	15.0	17.5	24.2	17.0	13.6
40°	7.8	11.1	14.1	10.2	7.3
42.5°	2.4	5.3	7.8	4.8	2.4
45°	0.5	1.5	4.4	1.5	0.5
47.5°	0.0	0.0	1.9	0.5	0.0
50°	0.0	0.0	0.5	0.0	0.0
52.5°	0.0	0.0	0.0	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)