

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: P1314341

Luminaire Tested: LDSQA3D05R359730DE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1314341
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R359730DE010 3LSQCDR1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , 3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

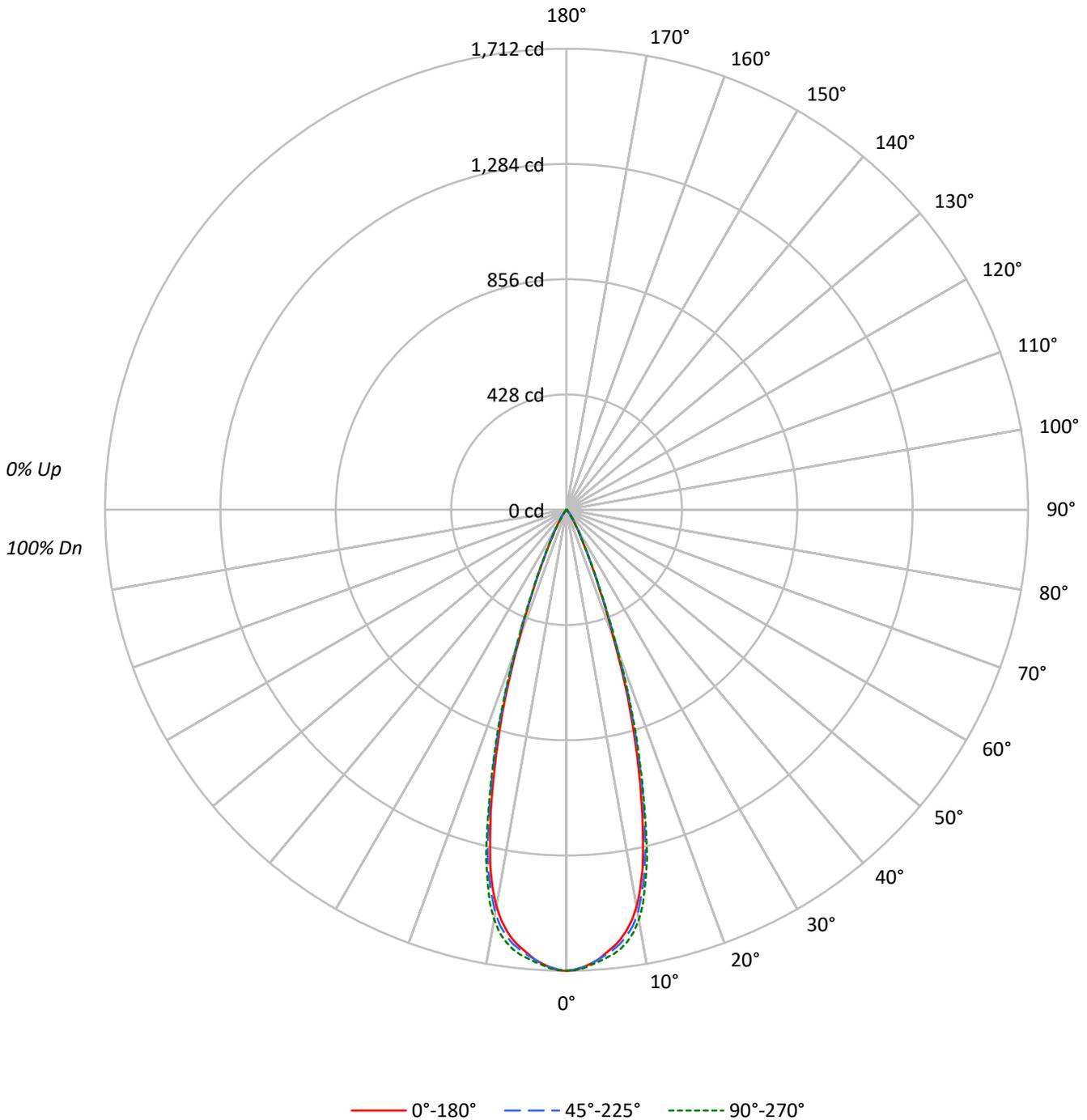
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 574.9 lumens
Efficiency: N/A
Efficacy: 79.8 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 (A_{in}): 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	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	115	113	111	109	112	110	109	107	106	105	104	103	102	101	99	99	98	98	98	98	96
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94	94	94	94	93
3	107	102	98	95	105	101	97	95	98	96	93	96	94	92	94	92	90	94	92	90	89
4	103	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87	91	89	87	86
5	100	94	90	86	99	93	89	86	91	88	85	90	87	85	89	86	84	89	86	84	83
6	97	90	86	83	96	90	86	83	88	85	82	87	84	82	86	83	81	86	83	81	80
7	94	87	83	80	93	87	82	79	85	82	79	84	81	79	83	81	78	83	81	78	77
8	91	84	80	77	90	84	80	77	83	79	76	82	78	76	81	78	76	81	78	76	75
9	88	81	77	74	88	81	77	74	80	76	74	79	76	74	79	76	73	79	76	73	72
10	86	79	75	72	85	78	74	72	78	74	71	77	74	71	76	73	71	76	73	71	70

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	294811	294811	294811
5°	286083	287085	289022
10°	261690	266236	270329
15°	187837	194719	196716
20°	94497	99995	100252
25°	35820	36922	37093
30°	14537	16685	14279
35°	5277	8010	5088
40°	2226	3440	2113
45°	536	1413	536
50°	348	589	348
55°	390	390	390
60°	448	448	448
65°	367	367	367
70°	201	201	201
75°	266	266	266
80°	397	397	397
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 1413 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	154.8	26.9
10°-20°	288.3	50.2
20°-30°	103.7	18.0
30°-40°	21.8	3.8
40°-50°	3.7	0.7
50°-60°	1.2	0.2
60°-70°	0.9	0.2
70°-80°	0.4	0.1
80°-90°	0.1	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°	546.8	95.1
0°-40°	568.6	98.9
0°-60°	573.5	99.8
0°-90°	574.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	574.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1712	1712	1712	1712	1712	
5°	1655	1658	1661	1672	1672	153
15°	1054	1072	1092	1104	1103	280
25°	188	191	194	196	195	100
35°	25	30	38	29	24	19
45°	2	4	6	4	2	3
55°	1	1	1	1	1	1
65°	1	1	1	1	1	1
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°	1711.8	1711.8	1711.8	1711.8	1711.8
1°	1710.9	1710.9	1707.3	1711.3	1710.0
2°	1701.5	1702.4	1700.1	1705.1	1704.6
3°	1688.5	1690.7	1688.9	1696.1	1693.8
4°	1674.5	1676.3	1675.4	1684.4	1683.5
5°	1654.8	1657.9	1660.6	1671.8	1671.8
6°	1634.6	1637.7	1643.6	1655.7	1659.7
7°	1611.3	1615.3	1624.7	1640.9	1643.6
8°	1581.7	1586.1	1599.2	1616.7	1620.2
9°	1544.9	1551.6	1566.4	1587.5	1589.7
10°	1496.4	1501.8	1522.4	1539.9	1545.8
11°	1433.6	1438.1	1456.5	1484.7	1488.3
12°	1357.3	1362.7	1386.5	1404.9	1408.5
13°	1260.8	1271.2	1299.9	1317.8	1327.7
14°	1161.7	1175.6	1196.2	1221.8	1215.5
15°	1053.5	1071.9	1092.1	1103.8	1103.3
17.5°	788.4	799.1	817.1	823.8	832.8
20°	515.6	529.5	545.6	551.9	547.0
22.5°	319.9	323.5	328.4	331.1	330.2
25°	188.5	191.1	194.3	196.1	195.2
27.5°	113.5	119.8	124.3	118.9	115.8
30°	73.1	75.8	83.9	76.7	71.8
32.5°	43.5	49.8	56.5	48.0	41.7
35°	25.1	29.6	38.1	29.2	24.2
37.5°	16.2	18.4	24.7	17.9	15.7
40°	9.9	12.6	15.3	11.7	9.4
42.5°	4.9	7.6	9.0	6.7	4.9
45°	2.2	3.6	5.8	3.6	2.2
47.5°	1.3	1.8	3.6	1.8	1.3
50°	1.3	1.3	2.2	1.3	1.3
52.5°	1.3	1.3	1.3	1.3	1.3
55°	1.3	1.3	1.3	1.3	1.3
57.5°	1.3	1.3	1.3	1.3	1.3
60°	1.3	1.3	1.3	1.3	1.3
62.5°	0.9	0.9	0.9	0.9	0.9
65°	0.9	0.9	0.9	0.9	0.9
67.5°	0.9	0.9	0.9	0.9	0.9
70°	0.4	0.4	0.4	0.4	0.4
72.5°	0.4	0.4	0.4	0.4	0.4
75°	0.4	0.4	0.4	0.4	0.4
77.5°	0.4	0.4	0.4	0.4	0.4
80°	0.4	0.4	0.4	0.4	0.4
82.5°	0.4	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)