

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: P1315311

Luminaire Tested: LDSQA3D05R359735DE010 3LSQCDR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1315311
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: LDSQA3D05R359735DE010 3LSQCDR1MB
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 97CRI , 3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

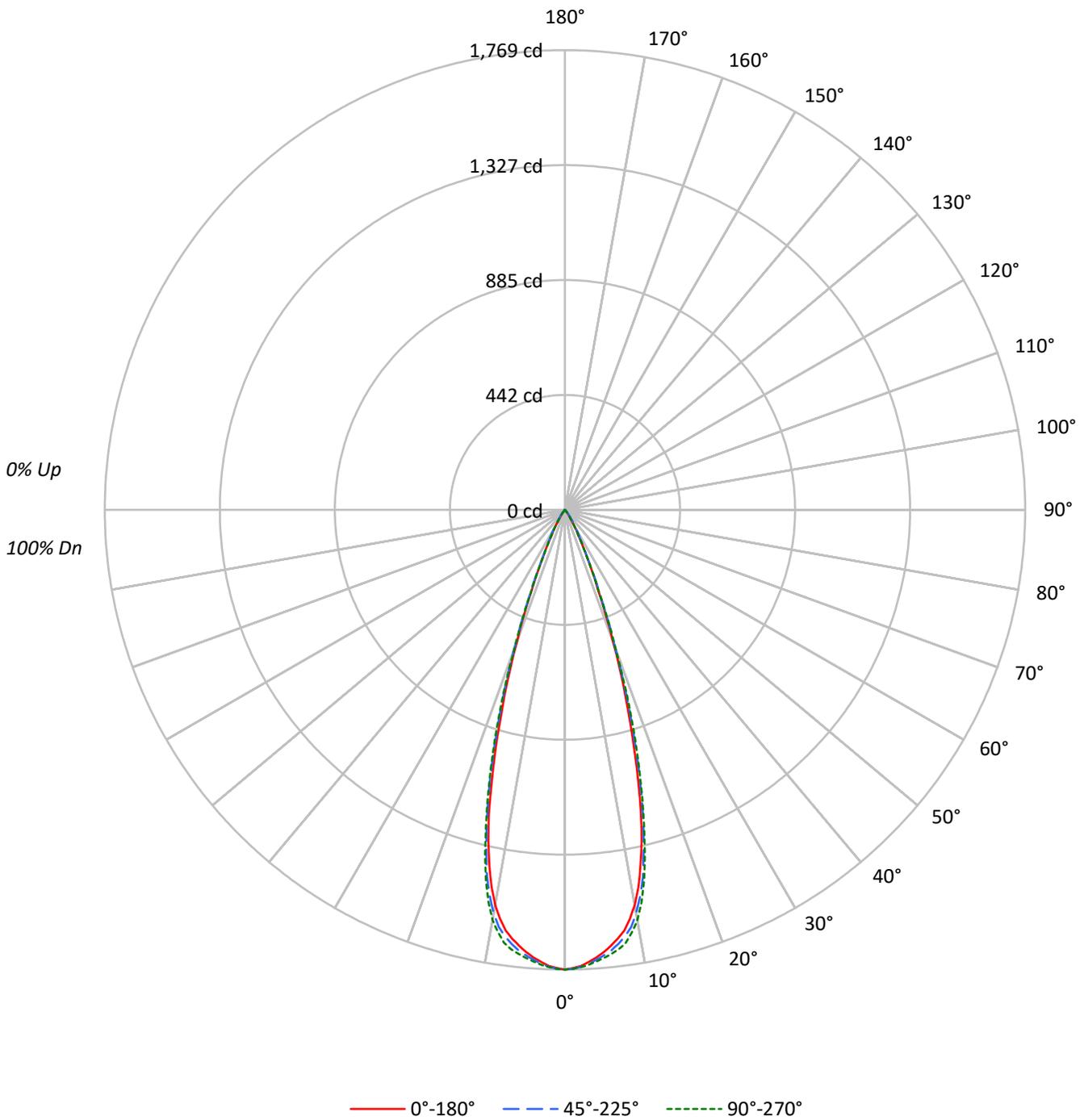
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 589.0 lumens
Efficiency: N/A
Efficacy: 81.8 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 (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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100
1	115	113	111	109	113	111	109	107	107	105	104	103	102	101	100	99	98	96	96	96
2	111	107	104	102	109	106	103	100	102	100	98	100	98	96	97	96	94	93	93	93
3	107	102	99	96	105	101	98	95	99	96	94	96	94	92	94	92	91	89	89	89
4	104	98	94	91	102	97	93	90	95	92	89	93	91	88	92	89	87	86	86	86
5	100	94	90	87	99	93	90	87	92	88	86	90	87	85	89	86	84	83	83	83
6	97	91	86	83	96	90	86	83	89	85	83	88	84	82	86	84	82	80	80	80
7	94	88	83	80	93	87	83	80	86	82	80	85	82	79	84	81	79	78	78	78
8	91	85	80	77	91	84	80	77	83	80	77	82	79	77	81	79	76	75	75	75
9	89	82	78	75	88	81	77	75	81	77	74	80	77	74	79	76	74	73	73	73
10	86	79	75	72	85	79	75	72	78	75	72	78	74	72	77	74	72	71	71	71

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	304662	304662	304662
5°	295418	297527	299135
10°	269961	275680	280402
15°	194131	202618	204294
20°	98840	103789	104046
25°	37492	38290	37226
30°	14557	16884	14199
35°	5004	7842	4709
40°	1686	3035	1574
45°	122	1023	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: 1023 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	160.1	27.2
10°-20°	298.4	50.7
20°-30°	107.2	18.2
30°-40°	20.9	3.6
40°-50°	2.3	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°	565.7	96.0
0°-40°	586.7	99.6
0°-60°	589.0	100.0
0°-90°	589.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	589.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1769	1769	1769	1769	1769	
5°	1709	1714	1721	1729	1730	158
15°	1089	1107	1136	1144	1146	289
25°	197	199	202	200	196	103
35°	24	27	37	28	22	18
45°	0	1	4	1	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°	1769.0	1769.0	1769.0	1769.0	1769.0
1°	1763.9	1766.2	1766.7	1770.0	1766.2
2°	1756.4	1757.8	1759.7	1762.5	1760.6
3°	1742.0	1744.8	1749.0	1752.7	1752.7
4°	1726.6	1730.3	1735.4	1742.0	1741.5
5°	1708.8	1713.5	1721.0	1728.9	1730.3
6°	1686.4	1692.0	1704.2	1715.4	1717.2
7°	1662.7	1671.1	1682.7	1699.0	1703.2
8°	1634.7	1641.2	1658.0	1677.1	1681.8
9°	1593.6	1603.4	1624.9	1642.6	1645.4
10°	1543.7	1550.7	1576.4	1595.0	1603.4
11°	1479.3	1489.6	1514.8	1533.9	1539.5
12°	1397.2	1412.1	1441.5	1455.5	1460.2
13°	1308.6	1321.2	1344.0	1361.3	1365.0
14°	1208.7	1220.9	1244.7	1258.7	1255.4
15°	1088.8	1107.0	1136.4	1144.4	1145.8
17.5°	804.3	815.9	842.1	854.7	863.5
20°	539.3	550.5	566.3	574.7	567.7
22.5°	328.0	337.3	345.7	345.2	342.9
25°	197.3	199.2	201.5	200.1	195.9
27.5°	115.2	120.4	127.4	122.7	115.7
30°	73.2	77.4	84.9	77.0	71.4
32.5°	38.7	49.0	56.9	46.2	40.6
35°	23.8	27.1	37.3	27.5	22.4
37.5°	14.5	16.8	23.3	16.3	13.1
40°	7.5	10.7	13.5	9.8	7.0
42.5°	2.3	5.1	7.5	4.7	2.3
45°	0.5	1.4	4.2	1.4	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)