

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: P1318226

Luminaire Tested: LDSQA3D09R359830DE010 3LSQCDR1MMS

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1318226  
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: LDSQA3D09R359830DE010 3LSQCDR1MMS  
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 98CRI , 3LSQCDR1MMS TRIM  
Light Source: -  
Ballast/Driver: -

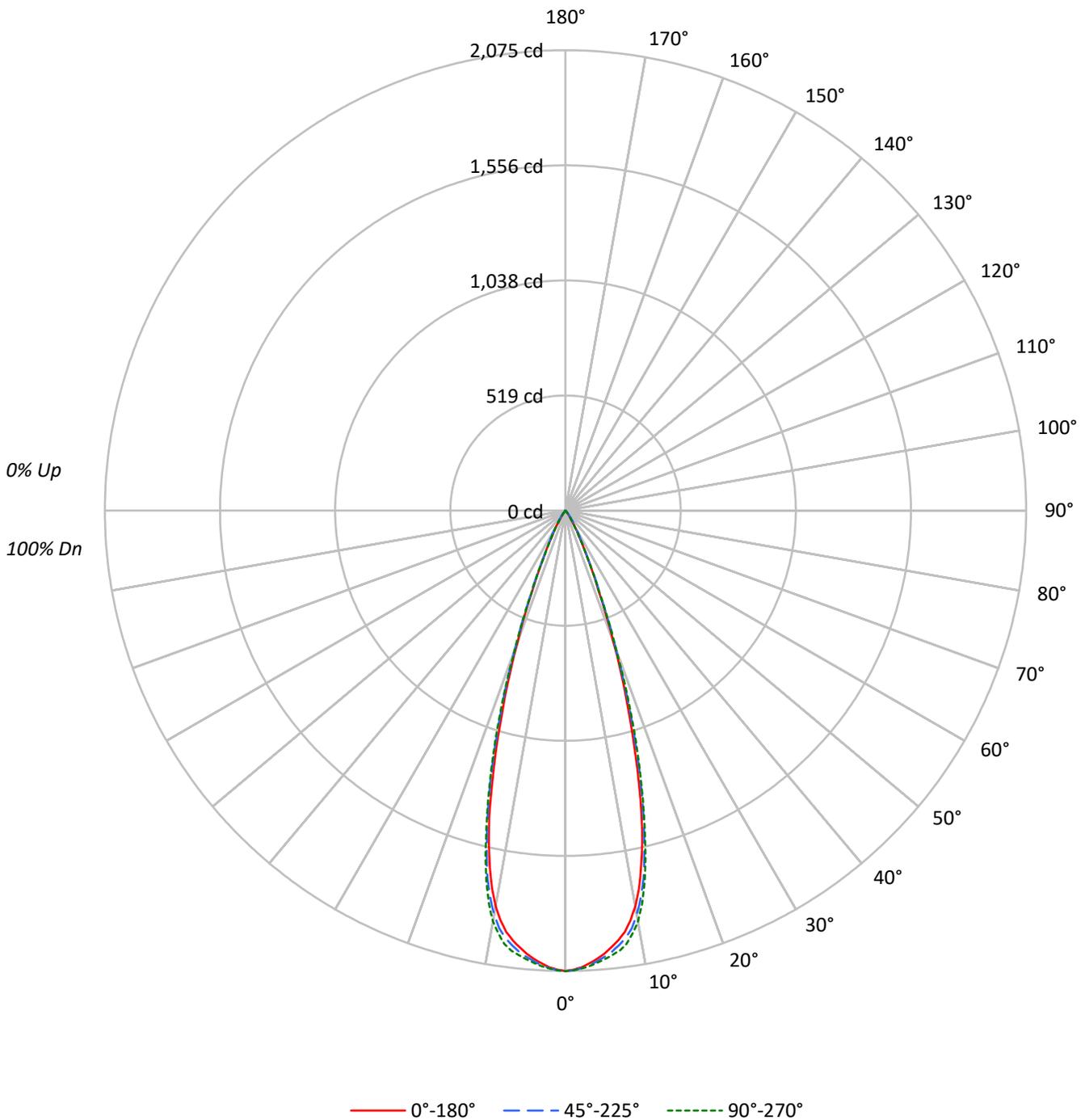
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 691.0 lumens  
Efficiency: N/A  
Efficacy: 62.8 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): 11  
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°	357431	357431	357431
5°	346591	349046	350930
10°	316707	323405	328966
15°	227758	237707	239668
20°	115958	121768	122080
25°	43991	44922	43687
30°	17083	19807	16645
35°	5866	9209	5529
40°	1978	3575	1844
45°	122	1193	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: 1193 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	187.9	27.2
10°-20°	350.0	50.7
20°-30°	125.8	18.2
30°-40°	24.6	3.6
40°-50°	2.7	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°	663.7	96.0
0°-40°	688.3	99.6
0°-60°	691.0	100.0
0°-90°	691.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	691.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2075	2075	2075	2075	2075	
5°	2005	2010	2019	2028	2030	186
15°	1277	1299	1333	1342	1344	339
25°	232	234	236	235	230	121
35°	28	32	44	32	26	21
45°	0	2	5	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°	2075.4	2075.4	2075.4	2075.4	2075.4
1°	2069.4	2072.1	2072.6	2076.5	2072.1
2°	2060.6	2062.2	2064.4	2067.7	2065.5
3°	2043.6	2046.9	2051.8	2056.2	2056.2
4°	2025.6	2029.9	2036.0	2043.6	2043.1
5°	2004.8	2010.2	2019.0	2028.3	2029.9
6°	1978.5	1985.1	1999.3	2012.4	2014.6
7°	1950.6	1960.4	1974.1	1993.3	1998.2
8°	1917.7	1925.4	1945.1	1967.6	1973.0
9°	1869.6	1881.1	1906.3	1927.1	1930.3
10°	1811.0	1819.2	1849.3	1871.2	1881.1
11°	1735.5	1747.5	1777.1	1799.5	1806.1
12°	1639.2	1656.7	1691.2	1707.6	1713.1
13°	1535.2	1550.0	1576.8	1597.0	1601.4
14°	1418.1	1432.3	1460.2	1476.6	1472.8
15°	1277.4	1298.7	1333.2	1342.5	1344.2
17.5°	943.5	957.2	987.9	1002.7	1013.1
20°	632.7	645.8	664.4	674.3	666.1
22.5°	384.8	395.7	405.6	405.0	402.3
25°	231.5	233.7	236.4	234.8	229.9
27.5°	135.2	141.2	149.4	143.9	135.7
30°	85.9	90.9	99.6	90.3	83.7
32.5°	45.4	57.5	66.8	54.2	47.6
35°	27.9	31.7	43.8	32.3	26.3
37.5°	17.0	19.7	27.4	19.2	15.3
40°	8.8	12.6	15.9	11.5	8.2
42.5°	2.7	6.0	8.8	5.5	2.7
45°	0.5	1.6	4.9	1.6	0.5
47.5°	0.0	0.0	2.2	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)