

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: P1308937

Luminaire Tested: LDSQA3D05R359030DE010 3LSQCDR1MMS

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1308937  
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: LDSQA3D05R359030DE010 3LSQCDR1MMS  
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , 3LSQCDR1MMS TRIM  
Light Source: -  
Ballast/Driver: -

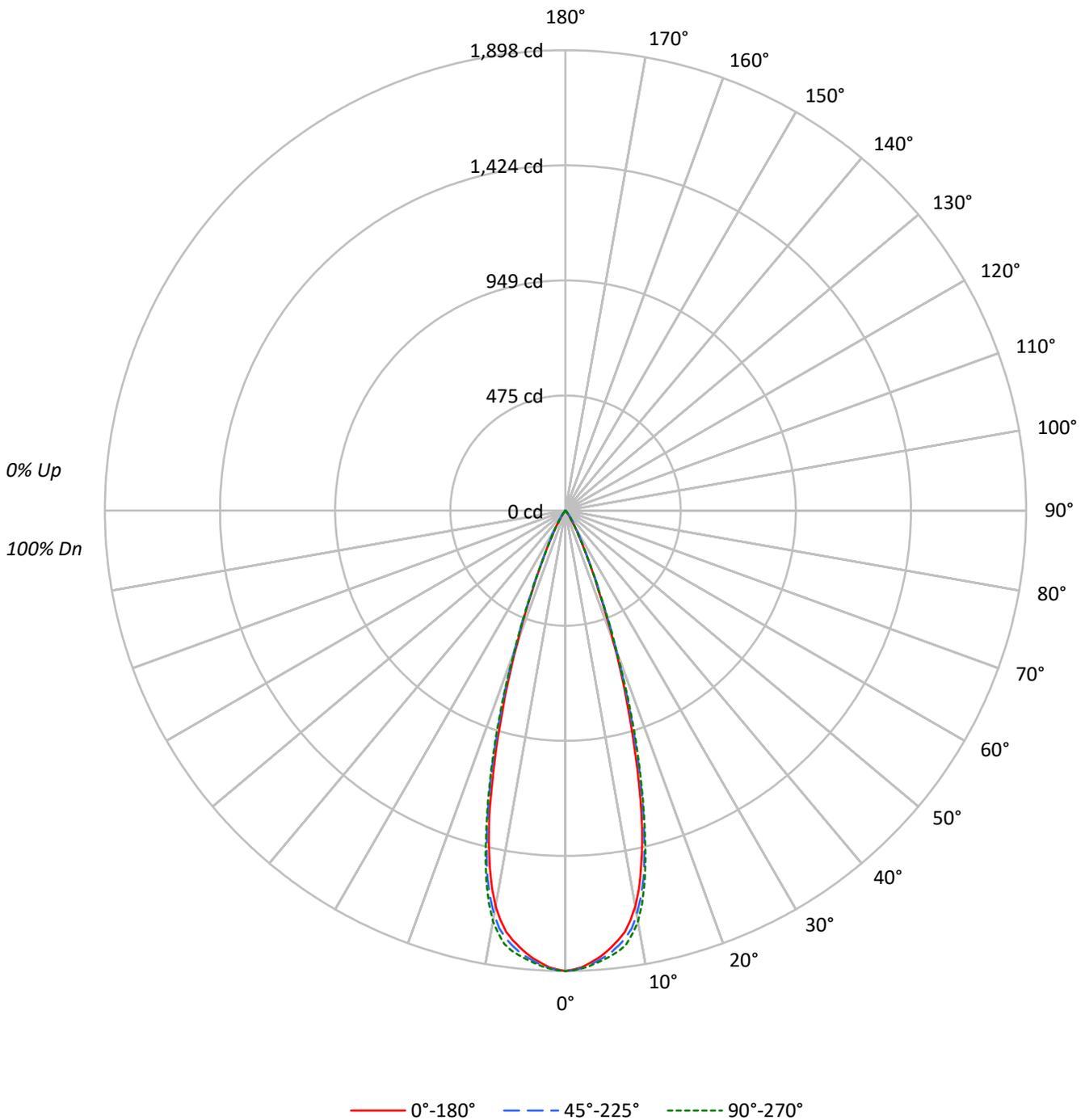
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 632.0 lumens  
Efficiency: N/A  
Efficacy: 87.8 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	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	113	111	109	107	107	105	104	103	102	101	100	99	98	98	98	98	96
2	111	107	104	102	109	106	103	100	102	100	98	100	98	96	97	96	94	94	94	94	93
3	107	102	99	96	105	101	98	95	99	96	94	96	94	92	94	92	91	94	92	91	89
4	104	98	94	91	102	97	93	90	95	92	89	93	91	88	92	89	88	92	89	88	86
5	100	94	90	87	99	93	90	87	92	88	86	90	87	85	89	86	84	89	86	84	83
6	97	91	86	83	96	90	86	83	89	85	83	88	84	82	86	84	82	86	84	82	80
7	94	88	83	80	93	87	83	80	86	82	80	85	82	79	84	81	79	84	81	79	78
8	91	85	80	77	91	84	80	77	83	80	77	82	79	77	81	79	76	81	79	76	75
9	89	82	78	75	88	81	77	75	81	77	74	80	77	74	79	76	74	79	76	74	73
10	86	79	75	72	85	79	75	72	78	75	72	78	74	72	77	74	72	77	74	72	71

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	326913	326913	326913
5°	316994	319241	320970
10°	289670	295791	300880
15°	208306	217417	219200
20°	106062	111377	111651
25°	40229	41084	39944
30°	15631	18117	15233
35°	5361	8410	5046
40°	1799	3260	1686
45°	122	1096	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: 1096 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	171.8	27.2
10°-20°	320.1	50.7
20°-30°	115.1	18.2
30°-40°	22.5	3.6
40°-50°	2.5	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°	607.0	96.0
0°-40°	629.5	99.6
0°-60°	632.0	100.0
0°-90°	632.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	632.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1898	1898	1898	1898	1898	
5°	1834	1839	1847	1855	1857	170
15°	1168	1188	1219	1228	1229	310
25°	212	214	216	215	210	111
35°	26	29	40	30	24	19
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°	1898.2	1898.2	1898.2	1898.2	1898.2
1°	1892.7	1895.2	1895.7	1899.2	1895.2
2°	1884.7	1886.2	1888.2	1891.2	1889.2
3°	1869.1	1872.1	1876.6	1880.6	1880.6
4°	1852.6	1856.6	1862.1	1869.1	1868.6
5°	1833.6	1838.6	1846.6	1855.1	1856.6
6°	1809.6	1815.6	1828.6	1840.6	1842.6
7°	1784.0	1793.0	1805.6	1823.1	1827.6
8°	1754.0	1761.0	1779.0	1799.6	1804.6
9°	1710.0	1720.5	1743.5	1762.5	1765.5
10°	1656.4	1663.9	1691.4	1711.5	1720.5
11°	1587.3	1598.3	1625.4	1645.9	1651.9
12°	1499.2	1515.2	1546.8	1561.8	1566.8
13°	1404.1	1417.6	1442.1	1460.7	1464.7
14°	1297.0	1310.0	1335.5	1350.5	1347.0
15°	1168.3	1187.9	1219.4	1227.9	1229.4
17.5°	863.0	875.5	903.5	917.0	926.6
20°	578.7	590.7	607.7	616.7	609.2
22.5°	351.9	361.9	370.9	370.4	367.9
25°	211.7	213.7	216.2	214.7	210.2
27.5°	123.6	129.1	136.7	131.7	124.1
30°	78.6	83.1	91.1	82.6	76.6
32.5°	41.5	52.6	61.1	49.6	43.5
35°	25.5	29.0	40.0	29.5	24.0
37.5°	15.5	18.0	25.0	17.5	14.0
40°	8.0	11.5	14.5	10.5	7.5
42.5°	2.5	5.5	8.0	5.0	2.5
45°	0.5	1.5	4.5	1.5	0.5
47.5°	0.0	0.0	2.0	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)