

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: P1315312

Luminaire Tested: LDSQA3D05R359735DE010 3LSQCDR1MMS

Issue Date: 1/29/2026

**Test Information**

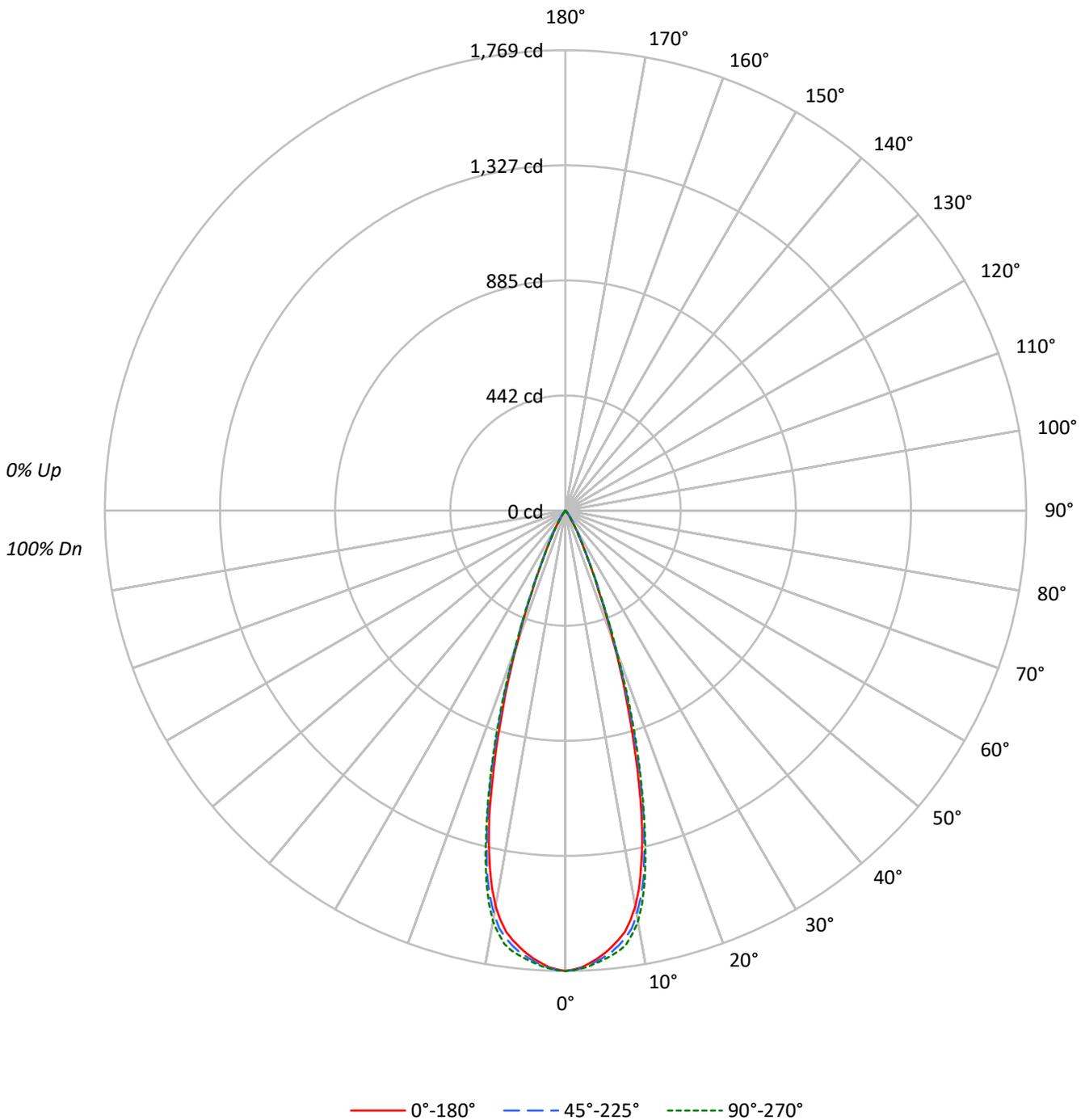
Test Method: LM-79-2019  
Report Number: P1315312  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-25)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D05R359735DE010 3LSQCDR1MMS  
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 97CRI , 3LSQCDR1MMS 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 (A<sub>in</sub>): 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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**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)