

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: P1323973

Luminaire Tested: LDSQA3D13R609030D2WDE010 3LSQCDR1MMS

Issue Date: 1/29/2026

**Test Information**

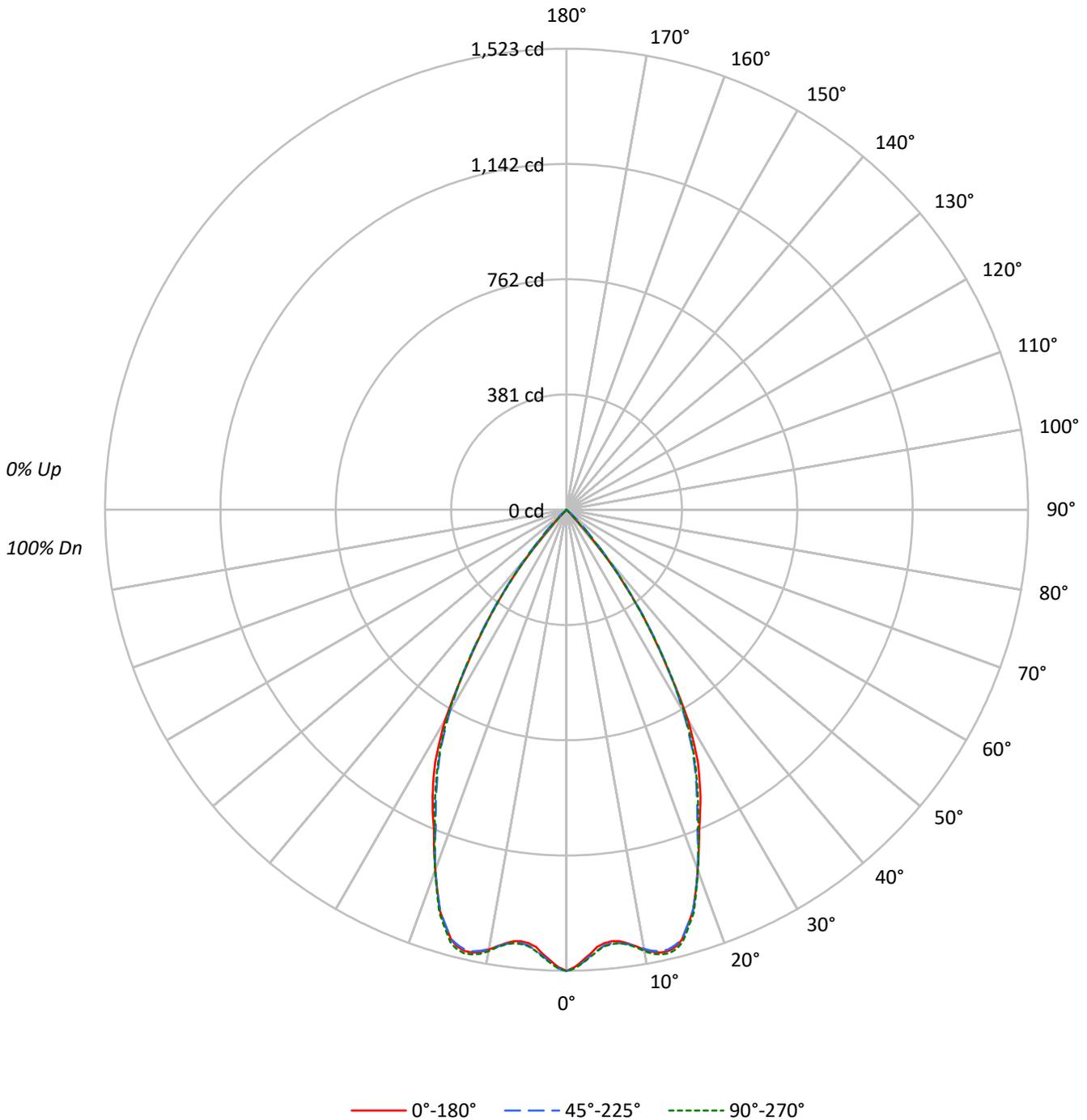
Test Method: LM-79-2019  
Report Number: P1323973  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-29)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D13R609030D2WDE010 3LSQCDR1MMS  
Description: 3in Adjustable Dim to Warm LED luminaire with, R60 optic, 3000K CCT AND, 90CRI ,  
3LSQCDR1MMS TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1350.0 lumens  
Efficiency: N/A  
Efficacy: 67.2 lumens/watt  
Spacing Criteria (0/90/45): 0.95 / 0.93 / 0.9  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 20.1  
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				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	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	96	96	96	94
2	108	104	100	97	106	102	98	95	99	96	93	96	93	91	93	91	89	93	91	89	88
3	103	97	92	88	101	96	91	88	93	89	86	91	88	85	88	86	84	88	86	84	82
4	98	91	86	81	96	90	85	81	88	83	80	86	82	79	84	81	78	84	81	78	77
5	93	85	80	76	92	84	79	75	83	78	75	81	77	74	79	76	73	79	76	73	72
6	89	80	74	70	87	79	74	70	78	73	70	77	72	69	75	72	69	75	72	69	67
7	85	76	70	66	83	75	69	65	74	69	65	72	68	65	71	67	64	71	67	64	63
8	81	71	66	62	79	71	65	61	70	65	61	69	64	61	68	64	61	68	64	61	59
9	77	67	62	58	76	67	61	58	66	61	57	65	61	57	64	60	57	64	60	57	56
10	73	64	58	54	72	63	58	54	63	58	54	62	57	54	61	57	54	61	57	54	53

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

	0°	45°	90°
0°	262364	262364	262364
5°	248464	249778	250141
10°	257930	257562	259066
15°	262205	261831	263738
20°	232045	232045	232430
25°	198844	192915	194549
30°	159073	153286	155652
35°	98689	100728	98458
40°	43323	47684	44537
45°	536	15466	1315
50°	0	1742	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: 15466 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	139.1	10.3
10°-20°	403.3	29.9
20°-30°	468.2	34.7
30°-40°	294.8	21.8
40°-50°	44.3	3.3
50°-60°	0.2	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°	1010.7	74.9
0°-40°	1305.5	96.7
0°-60°	1350.0	100.0
0°-90°	1350.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1350.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1523	1523	1523	1523	1523	
5°	1437	1443	1445	1448	1447	139
15°	1471	1465	1468	1478	1479	403
25°	1046	1035	1015	1020	1024	476
35°	469	470	479	469	468	293
45°	2	20	64	27	5	29
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°	1523.4	1523.4	1523.4	1523.4	1523.4
1°	1511.5	1515.8	1515.8	1516.9	1515.8
2°	1491.1	1497.5	1497.5	1500.8	1498.6
3°	1470.6	1476.0	1477.1	1481.4	1480.3
4°	1448.0	1456.6	1459.9	1462.0	1460.9
5°	1437.2	1442.6	1444.8	1448.0	1446.9
6°	1432.9	1437.2	1439.4	1442.6	1442.6
7°	1436.2	1439.4	1442.6	1444.8	1442.6
8°	1445.9	1449.1	1449.1	1453.4	1450.2
9°	1459.9	1460.9	1460.9	1466.3	1463.1
10°	1474.9	1472.8	1472.8	1480.3	1481.4
11°	1487.8	1485.7	1484.6	1492.2	1494.3
12°	1495.4	1491.1	1491.1	1500.8	1501.8
13°	1496.5	1491.1	1491.1	1500.8	1504.0
14°	1487.8	1481.4	1482.5	1493.2	1496.5
15°	1470.6	1465.2	1468.5	1478.2	1479.2
17.5°	1388.8	1385.6	1387.7	1394.2	1395.3
20°	1266.1	1263.9	1266.1	1266.1	1268.2
22.5°	1144.4	1139.0	1128.3	1134.7	1135.8
25°	1046.4	1034.6	1015.2	1019.5	1023.8
27.5°	938.8	923.7	903.3	908.6	909.7
30°	799.9	792.4	770.8	776.2	782.7
32.5°	618.0	638.4	625.5	624.4	625.5
35°	469.4	470.5	479.1	469.4	468.3
37.5°	328.4	329.4	335.9	325.1	326.2
40°	192.7	206.7	212.1	207.8	198.1
42.5°	60.3	106.6	120.6	104.4	66.7
45°	2.2	20.5	63.5	26.9	5.4
47.5°	0.0	1.1	30.1	2.2	0.0
50°	0.0	0.0	6.5	0.0	0.0
52.5°	0.0	0.0	1.1	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)