

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: P1313893

Luminaire Tested: LDSQA3D17R609727DE010 3LSQCDR1MW

Issue Date: 1/29/2026

**Test Information**

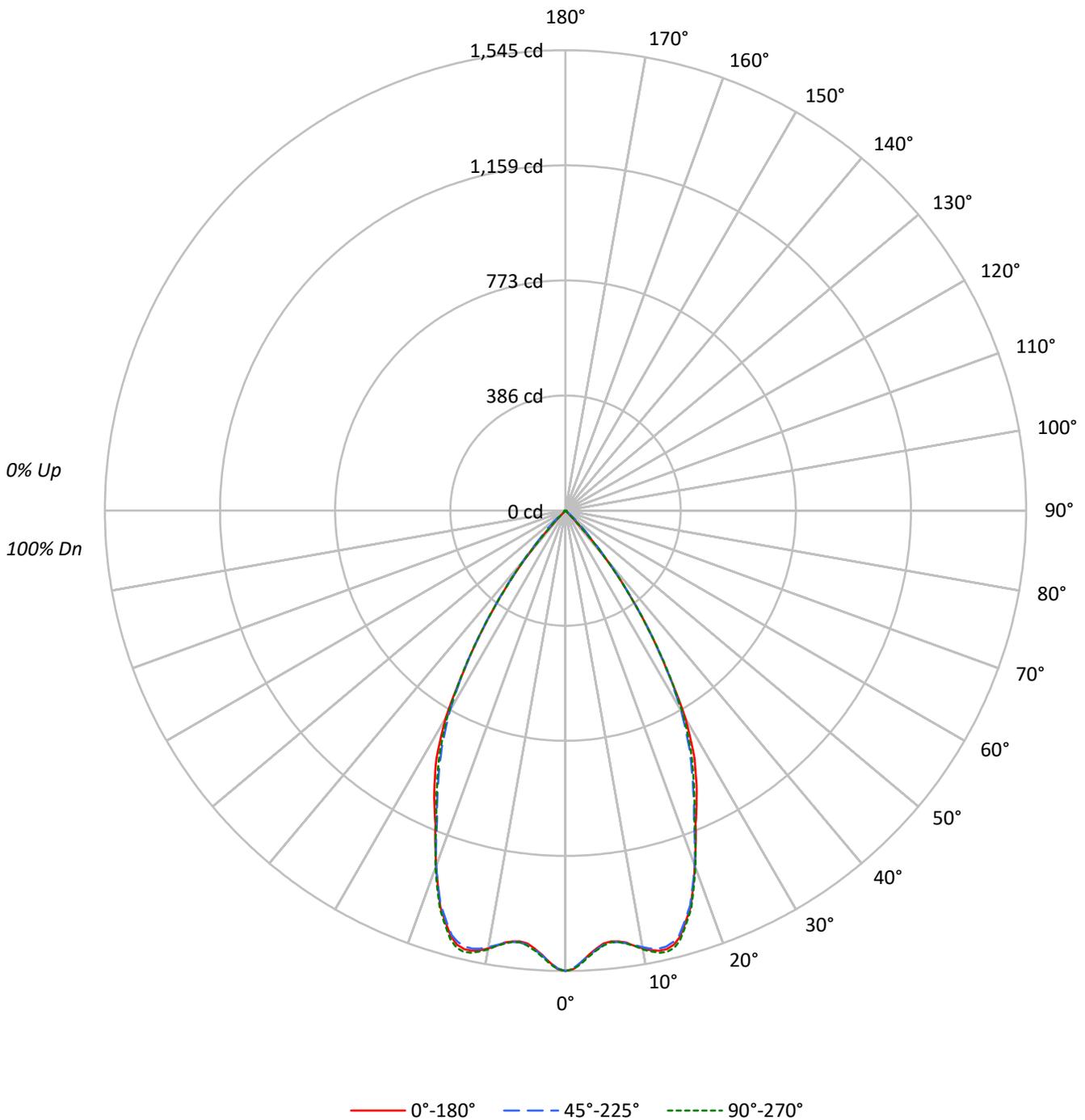
Test Method: LM-79-2019  
Report Number: P1313893  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-41)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D17R609727DE010 3LSQCDR1MW  
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 97CRI , 3LSQCDR1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1378.0 lumens  
Efficiency: N/A  
Efficacy: 65.0 lumens/watt  
Spacing Criteria (0/90/45): 0.94 / 0.92 / 0.9  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 21.2  
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

TEST NUMBER: P1313893  
CATALOG NUMBER: LDSQA3D17R609727DE010 3LSQCDR1MW

### Luminous Intensity Polar Plot





TEST NUMBER: P1313893

CATALOG NUMBER: LDSQA3D17R609727DE010 3LSQCDR1MW

**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	108	106	111	109	107	105	105	103	101	101	100	98	98	96	95	95	95	95	94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	89	89	89	87
3	103	97	92	88	101	95	91	87	93	89	86	90	87	84	88	85	83	83	83	83	82
4	98	90	85	81	96	89	84	80	87	83	79	85	81	79	83	80	78	78	78	78	76
5	93	85	79	75	91	84	79	75	82	77	74	80	76	73	79	75	73	73	73	73	71
6	88	80	74	70	87	79	73	69	77	73	69	76	72	68	75	71	68	68	68	68	67
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	64	64	64	62
8	80	71	65	61	79	70	65	61	69	64	60	68	64	60	67	63	60	60	60	60	59
9	76	67	61	57	75	66	61	57	65	60	57	65	60	57	64	60	56	56	56	56	55
10	73	63	58	54	72	63	57	54	62	57	54	61	57	53	61	56	53	53	53	53	52

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

	0°	45°	90°
0°	266067	266067	266067
5°	252181	252924	253305
10°	260938	260186	261497
15°	264113	262972	265664
20°	232558	232375	233548
25°	197913	192174	193808
30°	159729	154161	156726
35°	101086	102011	100876
40°	47257	49213	47999
45°	2898	17341	3410
50°	1447	4046	1447
55°	1621	1621	1621
60°	1481	1481	1481
65°	1304	1752	1304
70°	1611	1611	1611
75°	1464	1464	1464
80°	1091	1091	1091
85°	2174	2174	2174

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 45°  
 Vertical Angle: 45°  
 Luminance: 17341 cd/sqm



TEST NUMBER: P1313893

CATALOG NUMBER: LDSQA3D17R609727DE010 3LSQCDR1MW

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	140.8	10.2
10°-20°	405.6	29.4
20°-30°	467.5	33.9
30°-40°	300.2	21.8
40°-50°	52.2	3.8
50°-60°	5.0	0.4
60°-70°	3.8	0.3
70°-80°	2.3	0.2
80°-90°	0.7	0.1
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°	1013.8	73.6
0°-40°	1314.0	95.4
0°-60°	1371.2	99.5
0°-90°	1378.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1378.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1545	1545	1545	1545	1545	
5°	1459	1462	1463	1466	1465	141
15°	1481	1476	1475	1485	1490	406
25°	1042	1030	1011	1012	1020	475
35°	481	478	485	475	480	300
45°	12	36	71	42	14	39
55°	5	5	5	5	5	5
65°	3	4	4	4	3	4
75°	2	2	2	2	2	2
85°	1	1	1	1	1	1
90°	0	0	0	0	0	



TEST NUMBER: P1313893

CATALOG NUMBER: LDSQA3D17R609727DE010 3LSQCDR1MW

**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1544.9	1544.9	1544.9	1544.9	1544.9
1°	1538.5	1537.4	1536.3	1537.4	1538.5
2°	1516.9	1515.8	1514.7	1519.1	1521.2
3°	1493.2	1494.3	1495.3	1497.5	1498.6
4°	1473.8	1475.9	1477.0	1479.2	1480.2
5°	1458.7	1461.9	1463.0	1466.2	1465.2
6°	1454.4	1456.5	1457.6	1458.7	1456.5
7°	1456.5	1457.6	1458.7	1460.8	1458.7
8°	1464.1	1465.2	1466.2	1467.3	1467.3
9°	1479.2	1477.0	1475.9	1480.2	1479.2
10°	1492.1	1488.9	1487.8	1494.3	1495.3
11°	1502.9	1498.6	1497.5	1505.0	1507.2
12°	1510.4	1504.0	1502.9	1512.6	1516.9
13°	1510.4	1501.8	1501.8	1512.6	1519.1
14°	1501.8	1492.1	1492.1	1504.0	1511.5
15°	1481.3	1475.9	1474.9	1484.6	1490.0
17.5°	1395.1	1388.6	1389.7	1400.5	1401.5
20°	1268.9	1265.7	1267.9	1270.0	1274.3
22.5°	1140.6	1138.5	1126.6	1129.9	1132.0
25°	1041.5	1029.6	1011.3	1012.3	1019.9
27.5°	936.9	925.0	899.1	904.5	912.1
30°	803.2	793.5	775.2	778.4	788.1
32.5°	630.7	650.1	632.9	638.2	635.0
35°	480.8	477.6	485.2	475.4	479.8
37.5°	338.5	339.6	342.8	334.2	334.2
40°	210.2	215.6	218.9	214.5	213.5
42.5°	88.4	120.7	127.2	120.7	89.5
45°	11.9	35.6	71.2	42.0	14.0
47.5°	5.4	7.5	37.7	7.5	5.4
50°	5.4	5.4	15.1	5.4	5.4
52.5°	5.4	5.4	5.4	5.4	5.4
55°	5.4	5.4	5.4	5.4	5.4
57.5°	5.4	5.4	5.4	5.4	5.4
60°	4.3	4.3	4.3	4.3	4.3
62.5°	4.3	4.3	4.3	4.3	4.3
65°	3.2	4.3	4.3	4.3	3.2
67.5°	3.2	3.2	3.2	3.2	3.2
70°	3.2	3.2	3.2	3.2	3.2
72.5°	2.2	2.2	2.2	2.2	2.2
75°	2.2	2.2	2.2	2.2	2.2
77.5°	2.2	2.2	2.2	2.2	2.2
80°	1.1	1.1	1.1	1.1	1.1
82.5°	1.1	1.1	1.1	1.1	1.1
85°	1.1	1.1	1.1	1.1	1.1
87.5°	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P1313893  
CATALOG NUMBER: LDSQA3D17R609727DE010 3LSQCDR1MW

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)