

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: P1323974

Luminaire Tested: LDSQA3D13R609030D2WDE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323974
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: LDSQA3D13R609030D2WDE010 3LSQCDR1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R60 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

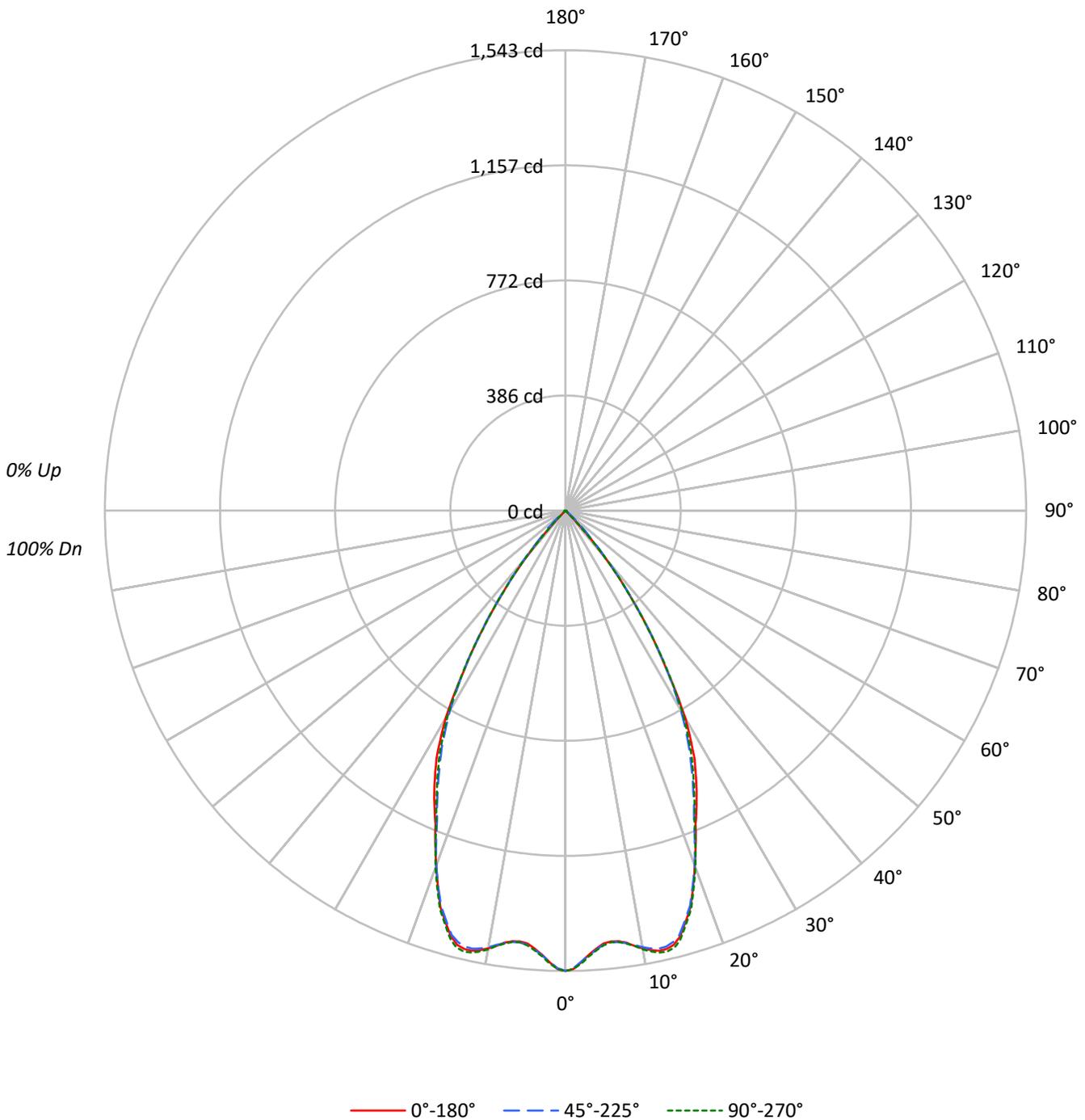
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1376.0 lumens
Efficiency: N/A
Efficacy: 68.5 lumens/watt
Spacing Criteria (0/90/45): 0.93 / 0.92 / 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	100	100	100	100
1	114	111	108	106	111	109	107	105	105	103	101	101	100	98	98	96	95	94	94	94	94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87	87	87	87
3	103	97	92	88	101	95	91	87	93	89	86	90	87	84	88	85	83	82	82	82	82
4	98	90	85	81	96	89	84	80	87	83	79	85	81	79	83	80	78	76	76	76	76
5	93	85	79	75	91	84	79	75	82	77	74	80	76	73	79	75	73	71	71	71	71
6	88	80	74	70	87	79	73	69	77	73	69	76	72	68	75	71	68	67	67	67	67
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	62	62	62	62
8	80	71	65	61	79	70	65	61	69	64	60	68	64	60	67	63	60	59	59	59	59
9	76	67	61	57	75	66	61	57	65	60	57	65	60	57	64	60	56	55	55	55	55
10	73	63	58	54	72	63	57	54	62	57	54	61	57	53	61	56	53	52	52	52	52

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	265688	265688	265688
5°	251818	252561	252924
10°	260553	259801	261130
15°	263738	262579	265272
20°	232228	232027	233218
25°	197609	191889	193523
30°	159490	153922	156507
35°	100939	101843	100728
40°	47190	49123	47932
45°	2874	17317	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: 17317 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	140.6	10.2
10°-20°	405.0	29.4
20°-30°	466.8	33.9
30°-40°	299.7	21.8
40°-50°	52.1	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°	1012.3	73.6
0°-40°	1312.1	95.4
0°-60°	1369.2	99.5
0°-90°	1376.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1376.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1543	1543	1543	1543	1543	
5°	1457	1460	1461	1464	1463	140
15°	1479	1474	1473	1482	1488	405
25°	1040	1028	1010	1011	1018	474
35°	480	477	484	475	479	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	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1542.7	1542.7	1542.7	1542.7	1542.7
1°	1536.2	1535.2	1534.1	1535.2	1536.2
2°	1514.7	1513.6	1512.5	1516.9	1519.0
3°	1491.0	1492.1	1493.2	1495.3	1496.4
4°	1471.6	1473.8	1474.9	1477.0	1478.1
5°	1456.6	1459.8	1460.9	1464.1	1463.0
6°	1452.3	1454.4	1455.5	1456.6	1454.4
7°	1454.4	1455.5	1456.6	1458.7	1456.6
8°	1462.0	1463.0	1464.1	1465.2	1465.2
9°	1477.0	1474.9	1473.8	1478.1	1477.0
10°	1489.9	1486.7	1485.6	1492.1	1493.2
11°	1500.7	1496.4	1495.3	1502.9	1505.0
12°	1508.2	1501.8	1500.7	1510.4	1514.7
13°	1508.2	1499.6	1499.6	1510.4	1516.9
14°	1499.6	1489.9	1489.9	1501.8	1509.3
15°	1479.2	1473.8	1472.7	1482.4	1487.8
17.5°	1393.1	1386.6	1387.7	1398.4	1399.5
20°	1267.1	1263.9	1266.0	1268.2	1272.5
22.5°	1139.0	1136.8	1125.0	1128.2	1130.4
25°	1039.9	1028.1	1009.8	1010.9	1018.4
27.5°	935.5	923.7	897.8	903.2	910.8
30°	802.0	792.3	774.0	777.3	787.0
32.5°	629.8	649.2	631.9	637.3	634.1
35°	480.1	476.9	484.4	474.8	479.1
37.5°	338.0	339.1	342.3	333.7	333.7
40°	209.9	215.3	218.5	214.2	213.2
42.5°	88.3	120.6	127.0	120.6	89.4
45°	11.8	35.5	71.1	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



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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)