

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: P1324111

Luminaire Tested: LDSQA3D17R559030D2WDE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324111
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-40)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D17R559030D2WDE010 3LSQCDR1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R55 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

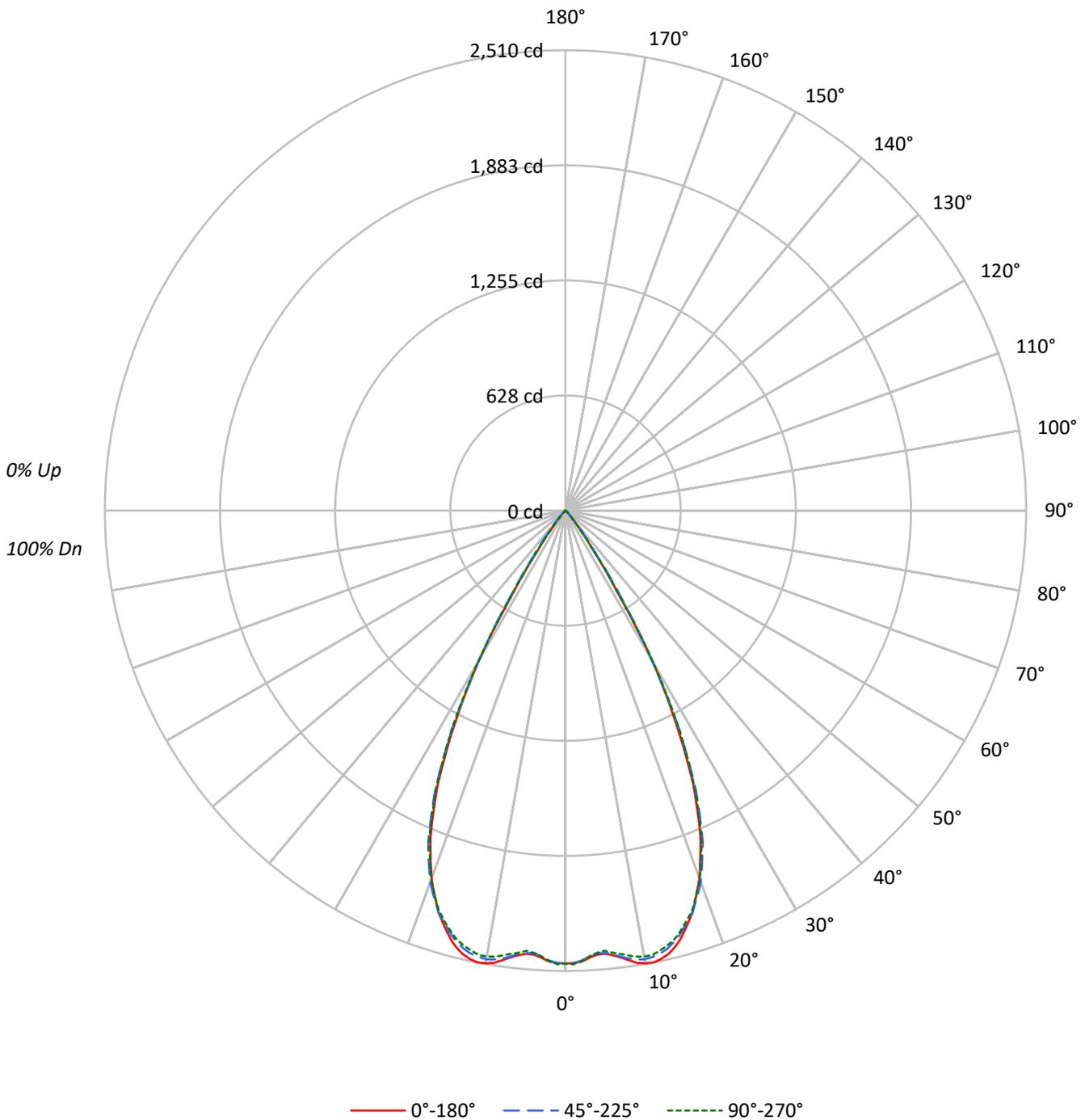
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1893.9 lumens
Efficiency: N/A
Efficacy: 69.4 lumens/watt
Spacing Criteria (0/90/45): 0.93 / 0.93 / 0.82
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.3
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

TEST NUMBER: P1324111
CATALOG NUMBER: LDSQA3D17R559030D2WDE010 3LSQCDR1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1324111

CATALOG NUMBER: LDSQA3D17R559030D2WDE010 3LSQCDR1MW

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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	114	111	109	107	112	109	107	105	105	104	102	102	100	99	98	97	96	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	89
3	104	98	94	90	102	97	93	90	94	91	88	92	89	87	90	88	86	84
4	100	93	88	84	98	92	87	84	90	86	83	88	84	82	86	83	81	79
5	95	88	82	79	94	87	82	78	85	81	78	83	80	77	82	79	76	75
6	91	83	78	74	90	82	77	74	81	76	73	79	76	73	78	75	72	71
7	87	79	73	70	86	78	73	69	77	72	69	76	72	69	75	71	68	67
8	83	75	69	66	82	74	69	66	73	69	65	72	68	65	71	68	65	63
9	80	71	66	62	79	71	66	62	70	65	62	69	65	62	68	64	61	60
10	77	68	62	59	76	67	62	59	67	62	59	66	62	59	65	61	58	57

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	425355	425355	425355
5°	419270	418526	416521
10°	438213	434436	431672
15°	431374	427523	425722
20°	391165	395124	392210
25°	312803	319359	316356
30°	187590	187590	189877
35°	54201	64188	56009
40°	15535	21043	15535
45°	3507	8062	3507
50°	1554	2706	1152
55°	1291	1291	1291
60°	1481	1481	1481
65°	1182	1182	1182
70°	1460	1460	1460
75°	932	932	932
80°	1389	1389	1389
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 8062 cd/sqm



TEST NUMBER: P1324111

CATALOG NUMBER: LDSQA3D17R559030D2WDE010 3LSQCDR1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	234.2	12.4
10°-20°	667.5	35.2
20°-30°	735.4	38.8
30°-40°	224.9	11.9
40°-50°	22.2	1.2
50°-60°	4.1	0.2
60°-70°	3.3	0.2
70°-80°	1.8	0.1
80°-90°	0.6	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°	1637.0	86.4
0°-40°	1861.9	98.3
0°-60°	1888.3	99.7
0°-90°	1893.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1893.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2470	2470	2470	2470	2470	
5°	2425	2425	2421	2414	2409	235
15°	2419	2415	2398	2388	2388	671
25°	1646	1662	1681	1696	1665	725
35°	258	271	305	281	266	211
45°	14	22	33	22	14	17
55°	4	4	4	4	4	4
65°	3	3	3	3	3	3
75°	1	1	1	1	1	2
85°	0	0	0	0	0	1
90°	0	0	0	0	0	



TEST NUMBER: P1324111

CATALOG NUMBER: LDSQA3D17R559030D2WDE010 3LSQCDR1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2469.8	2469.8	2469.8	2469.8	2469.8
1°	2466.9	2468.4	2466.9	2464.1	2474.1
2°	2461.2	2459.7	2455.4	2454.0	2458.3
3°	2442.5	2442.5	2436.7	2433.8	2435.3
4°	2428.1	2428.1	2419.4	2416.5	2418.0
5°	2425.2	2425.2	2420.9	2413.7	2409.3
6°	2436.7	2439.6	2429.5	2422.3	2422.3
7°	2454.0	2455.4	2448.2	2438.1	2435.3
8°	2475.6	2477.0	2465.5	2454.0	2448.2
9°	2497.2	2494.3	2478.5	2466.9	2462.6
10°	2505.8	2504.4	2484.2	2472.7	2468.4
11°	2510.1	2502.9	2479.9	2469.8	2468.4
12°	2500.1	2494.3	2469.8	2459.7	2455.4
13°	2482.8	2474.1	2454.0	2443.9	2438.1
14°	2455.4	2446.8	2428.1	2416.5	2418.0
15°	2419.4	2415.1	2397.8	2387.7	2387.7
17.5°	2299.9	2302.8	2298.4	2294.1	2291.2
20°	2134.3	2145.8	2155.9	2150.1	2140.0
22.5°	1922.6	1942.7	1954.3	1957.1	1938.4
25°	1646.1	1661.9	1680.6	1696.5	1664.8
27.5°	1301.9	1316.3	1333.6	1343.6	1339.3
30°	943.3	944.7	943.3	962.0	954.8
32.5°	524.2	567.4	574.6	587.6	541.5
35°	257.8	270.7	305.3	280.8	266.4
37.5°	123.9	132.5	165.6	135.4	129.6
40°	69.1	74.9	93.6	77.8	69.1
42.5°	33.1	43.2	50.4	44.6	33.1
45°	14.4	21.6	33.1	21.6	14.4
47.5°	5.8	8.6	20.2	8.6	5.8
50°	5.8	4.3	10.1	4.3	4.3
52.5°	4.3	4.3	5.8	4.3	4.3
55°	4.3	4.3	4.3	4.3	4.3
57.5°	4.3	4.3	4.3	4.3	4.3
60°	4.3	4.3	4.3	4.3	4.3
62.5°	2.9	4.3	4.3	4.3	2.9
65°	2.9	2.9	2.9	2.9	2.9
67.5°	2.9	2.9	2.9	2.9	2.9
70°	2.9	2.9	2.9	2.9	2.9
72.5°	1.4	2.9	1.4	1.4	1.4
75°	1.4	1.4	1.4	1.4	1.4
77.5°	1.4	1.4	1.4	1.4	1.4
80°	1.4	1.4	1.4	1.4	1.4
82.5°	1.4	1.4	1.4	1.4	1.4
85°	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P1324111
CATALOG NUMBER: LDSQA3D17R559030D2WDE010 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)