

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: P1324050

Luminaire Tested: LDSQA3D17R309030D2WDE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324050
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-36)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D17R309030D2WDE010 3LSQCDR1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

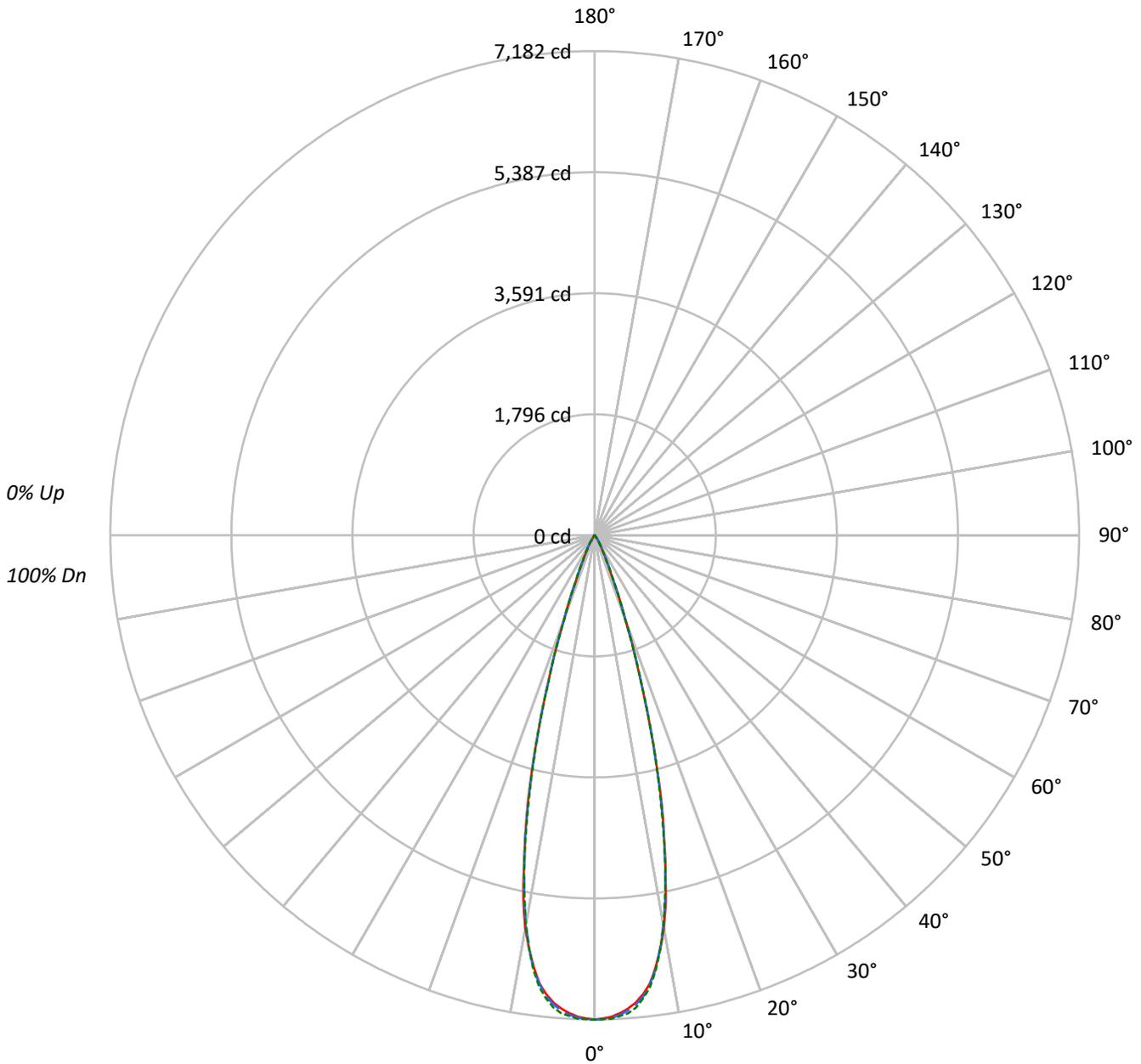
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1868.0 lumens
Efficiency: N/A
Efficacy: 68.4 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.46
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: P1324050
CATALOG NUMBER: LDSQA3D17R309030D2WDE010 3LSQCDR1MW

Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - · - · 90°-270°



TEST NUMBER: P1324050
 CATALOG NUMBER: LDSQA3D17R309030D2WDE010 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	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98		97
2	111	108	105	102	109	106	104	101	103	101	99	100	99	97	98	96	95		94
3	108	103	100	97	106	102	99	96	100	97	95	97	95	93	95	93	92		91
4	105	99	96	93	103	98	95	92	96	93	91	95	92	90	93	91	89		88
5	102	96	92	89	100	95	91	89	94	90	88	92	89	87	91	88	86		85
6	99	93	89	86	98	92	88	85	91	87	85	90	87	84	88	86	84		83
7	96	90	86	83	95	89	85	83	88	85	82	87	84	82	86	84	82		81
8	94	87	83	80	93	87	83	80	86	82	80	85	82	80	84	81	79		78
9	91	85	81	78	90	84	80	78	83	80	78	83	80	77	82	79	77		76
10	89	82	78	76	88	82	78	76	81	78	76	81	78	75	80	77	75		74

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1236972	1236972	1236972
5°	1203093	1208314	1215799
10°	1034534	1025720	1026717
15°	635686	630551	631050
20°	241924	242455	237965
25°	76942	81065	77227
30°	30943	38401	31818
35°	10008	16967	10008
40°	4541	7442	4541
45°	1754	3166	1754
50°	777	1554	777
55°	871	871	871
60°	999	999	999
65°	571	571	571
70°	705	705	705
75°	932	932	932
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 3166 cd/sqm



TEST NUMBER: P1324050

CATALOG NUMBER: LDSQA3D17R309030D2WDE010 3LSQCDR1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	633.6	33.9
10°-20°	939.9	50.3
20°-30°	233.5	12.5
30°-40°	46.6	2.5
40°-50°	8.5	0.5
50°-60°	2.7	0.1
60°-70°	1.9	0.1
70°-80°	1.3	0.1
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°	1806.9	96.7
0°-40°	1853.6	99.2
0°-60°	1864.7	99.8
0°-90°	1868.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1868.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	7182	7182	7182	7182	7182	
5°	6959	6982	6989	6999	7033	633
15°	3565	3572	3536	3548	3539	944
25°	405	414	427	421	406	227
35°	48	62	81	60	48	39
45°	7	9	13	10	7	6
55°	3	3	3	3	3	3
65°	1	1	1	1	1	2
75°	1	1	1	1	1	1
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0



TEST NUMBER: P1324050
 CATALOG NUMBER: LDSQA3D17R309030D2WDE010 3LSQCDR1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	7182.4	7182.4	7182.4	7182.4	7182.4
1°	7166.6	7175.2	7181.0	7181.0	7181.0
2°	7146.4	7152.2	7160.8	7162.3	7173.8
3°	7098.9	7111.8	7126.2	7134.9	7140.6
4°	7041.2	7058.5	7067.1	7088.8	7107.5
5°	6959.1	6982.1	6989.3	6999.4	7032.6
6°	6848.1	6865.4	6879.8	6884.1	6904.3
7°	6701.1	6709.8	6706.9	6714.1	6750.1
8°	6477.7	6480.6	6505.1	6489.3	6513.8
9°	6212.6	6201.0	6195.3	6206.8	6208.3
10°	5915.7	5876.8	5865.3	5855.2	5871.0
11°	5530.9	5480.5	5484.8	5481.9	5458.9
12°	5052.5	5046.7	5009.3	5016.5	5051.0
13°	4564.0	4574.0	4566.8	4575.5	4536.6
14°	4105.7	4056.7	4069.7	4020.7	4039.4
15°	3565.3	3572.5	3536.5	3548.0	3539.3
17.5°	2282.7	2298.6	2287.0	2276.9	2292.8
20°	1320.0	1318.6	1322.9	1310.0	1298.4
22.5°	694.6	704.7	717.7	719.1	727.8
25°	404.9	413.6	426.6	420.8	406.4
27.5°	247.9	263.7	283.9	269.5	252.2
30°	155.6	168.6	193.1	170.0	160.0
32.5°	87.9	106.6	126.8	106.6	87.9
35°	47.6	62.0	80.7	60.5	47.6
37.5°	31.7	36.0	53.3	36.0	31.7
40°	20.2	24.5	33.1	24.5	20.2
42.5°	11.5	15.9	18.7	15.9	11.5
45°	7.2	8.6	13.0	10.1	7.2
47.5°	2.9	4.3	8.6	4.3	4.3
50°	2.9	2.9	5.8	2.9	2.9
52.5°	2.9	2.9	2.9	2.9	2.9
55°	2.9	2.9	2.9	2.9	2.9
57.5°	2.9	2.9	2.9	2.9	2.9
60°	2.9	2.9	2.9	2.9	2.9
62.5°	2.9	2.9	2.9	2.9	2.9
65°	1.4	1.4	1.4	1.4	1.4
67.5°	1.4	1.4	1.4	1.4	1.4
70°	1.4	1.4	1.4	1.4	1.4
72.5°	1.4	1.4	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°	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



TEST NUMBER: P1324050
CATALOG NUMBER: LDSQA3D17R309030D2WDE010 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)