

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: P1323417

Luminaire Tested: LDSQA3D02R159030D2WDE010 3LSQCDR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323417
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D02R159030D2WDE010 3LSQCDR1MMS
Description: 3in Adjustable Dim to Warm LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

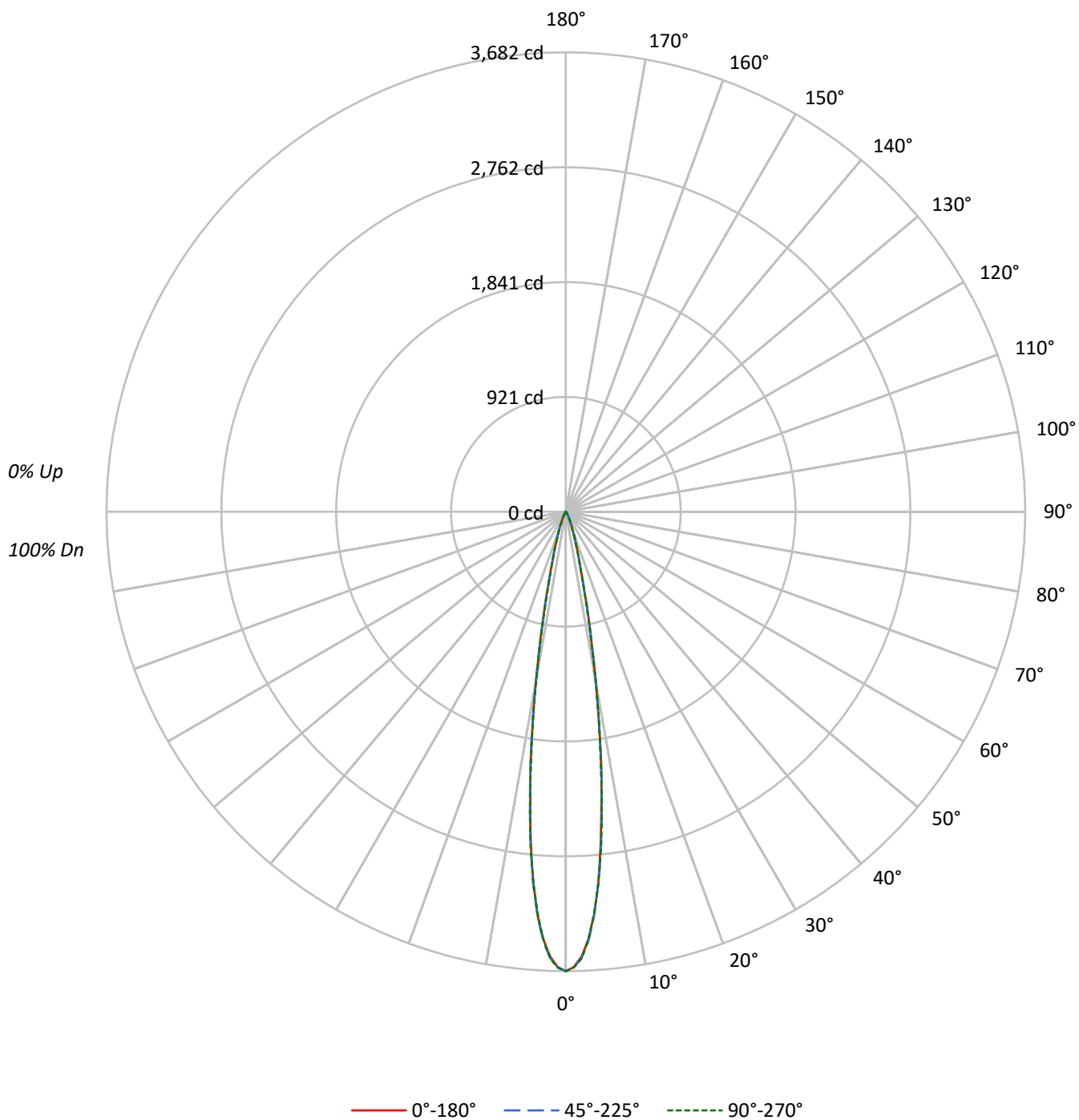
Lumens per Lamp: N/A
Luminaire Lumens: 411.0 lumens
Efficiency: N/A
Efficacy: 57.1 lumens/watt
Spacing Criteria (0/90/45): 0.29 / 0.29 / 0.29
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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: P1323417

CATALOG NUMBER: LDSQA3D02R159030D2WDE010 3LSQCDR1MMS

Luminous Intensity Polar Plot





TEST NUMBER: P1323417

CATALOG NUMBER: LDSQA3D02R159030D2WDE010 3LSQCDR1MMS

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20			
RC	80				70				50				30				10			
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	116	114	112	111	113	112	110	109	108	107	106	104	103	102	101	100	100	98		
2	113	109	107	105	111	108	106	104	105	103	101	102	101	99	99	98	97	96		
3	110	106	103	100	108	105	102	100	102	100	98	100	98	97	98	96	95	94		
4	107	103	99	97	106	102	99	96	100	97	95	98	96	94	96	95	93	92		
5	105	100	97	94	104	99	96	94	98	95	93	96	94	92	95	93	91	90		
6	103	97	94	92	102	97	94	91	96	93	91	94	92	90	93	91	90	89		
7	101	95	92	90	100	95	92	89	94	91	89	93	90	88	92	90	88	87		
8	99	93	90	88	98	93	90	88	92	89	87	91	89	87	90	88	87	86		
9	97	91	88	86	96	91	88	86	90	88	86	90	87	85	89	87	85	84		
10	95	90	87	84	95	89	86	84	89	86	84	88	86	84	88	85	84	83		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	634210	634210	634210
5°	516377	518054	517051
10°	240879	243030	239970
15°	75634	76276	75812
20°	29966	31157	29013
25°	12105	14632	11668
30°	4852	6662	4594
35°	1430	2943	1367
40°	450	1102	360
45°	73	244	73
50°	0	80	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: 244 cd/sqm

TEST NUMBER: P1323417

CATALOG NUMBER: LDSQA3D02R159030D2WDE010 3LSQCDR1MMS

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	230.6	56.1
10°-20°	137.9	33.5
20°-30°	34.8	8.5
30°-40°	7.1	1.7
40°-50°	0.7	0.2
50°-60°	0.0	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°	403.2	98.1
0°-40°	410.3	99.8
0°-60°	411.0	100.0
0°-90°	411.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	411.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3682	3682	3682	3682	3682	
5°	2987	2981	2997	2989	2991	230
15°	424	428	428	422	425	138
25°	64	70	77	68	61	33
35°	7	9	14	9	6	6
45°	0	1	1	1	0	0
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	

TEST NUMBER: P1323417

CATALOG NUMBER: LDSQA3D02R159030D2WDE010 3LSQCDR1MMS

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3682.5	3682.5	3682.5	3682.5	3682.5
1°	3649.4	3661.7	3655.2	3660.4	3654.6
2°	3570.4	3587.0	3581.8	3580.1	3584.7
3°	3431.3	3450.4	3449.8	3444.9	3437.1
4°	3241.4	3233.6	3245.6	3244.3	3231.0
5°	2986.9	2981.3	2996.6	2989.1	2990.8
6°	2675.4	2699.5	2694.3	2694.9	2701.1
7°	2340.9	2353.9	2365.0	2374.1	2361.4
8°	2033.7	2030.5	2031.4	2041.8	2006.7
9°	1689.8	1709.9	1696.9	1676.1	1689.5
10°	1377.4	1389.7	1389.7	1371.5	1372.2
11°	1098.1	1108.2	1101.1	1105.6	1077.0
12°	885.2	860.2	854.3	858.9	858.5
13°	675.8	677.5	675.8	675.5	672.3
14°	529.9	538.3	534.8	526.0	522.1
15°	424.2	427.8	427.8	421.6	425.2
17.5°	254.9	259.1	260.1	255.8	255.8
20°	163.5	165.5	170.0	163.8	158.3
22.5°	100.8	105.0	112.8	103.7	99.2
25°	63.7	69.6	77.0	68.3	61.4
27.5°	40.0	44.9	51.4	42.9	38.7
30°	24.4	27.6	33.5	27.0	23.1
32.5°	13.7	16.3	21.1	15.6	13.0
35°	6.8	9.1	14.0	8.8	6.5
37.5°	3.9	4.9	8.8	4.2	3.6
40°	2.0	2.6	4.9	2.6	1.6
42.5°	0.7	1.3	2.0	1.3	0.7
45°	0.3	0.7	1.0	0.7	0.3
47.5°	0.0	0.0	0.3	0.0	0.0
50°	0.0	0.0	0.3	0.0	0.0
52.5°	0.0	0.0	0.0	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



TEST NUMBER: P1323417

CATALOG NUMBER: LDSQA3D02R159030D2WDE010 3LSQCDR1MMS

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)