

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: P1323841

Luminaire Tested: LDSQA3D09R709030D2WDE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323841
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-43)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R709030D2WDE010 3LSQCDR1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R70 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

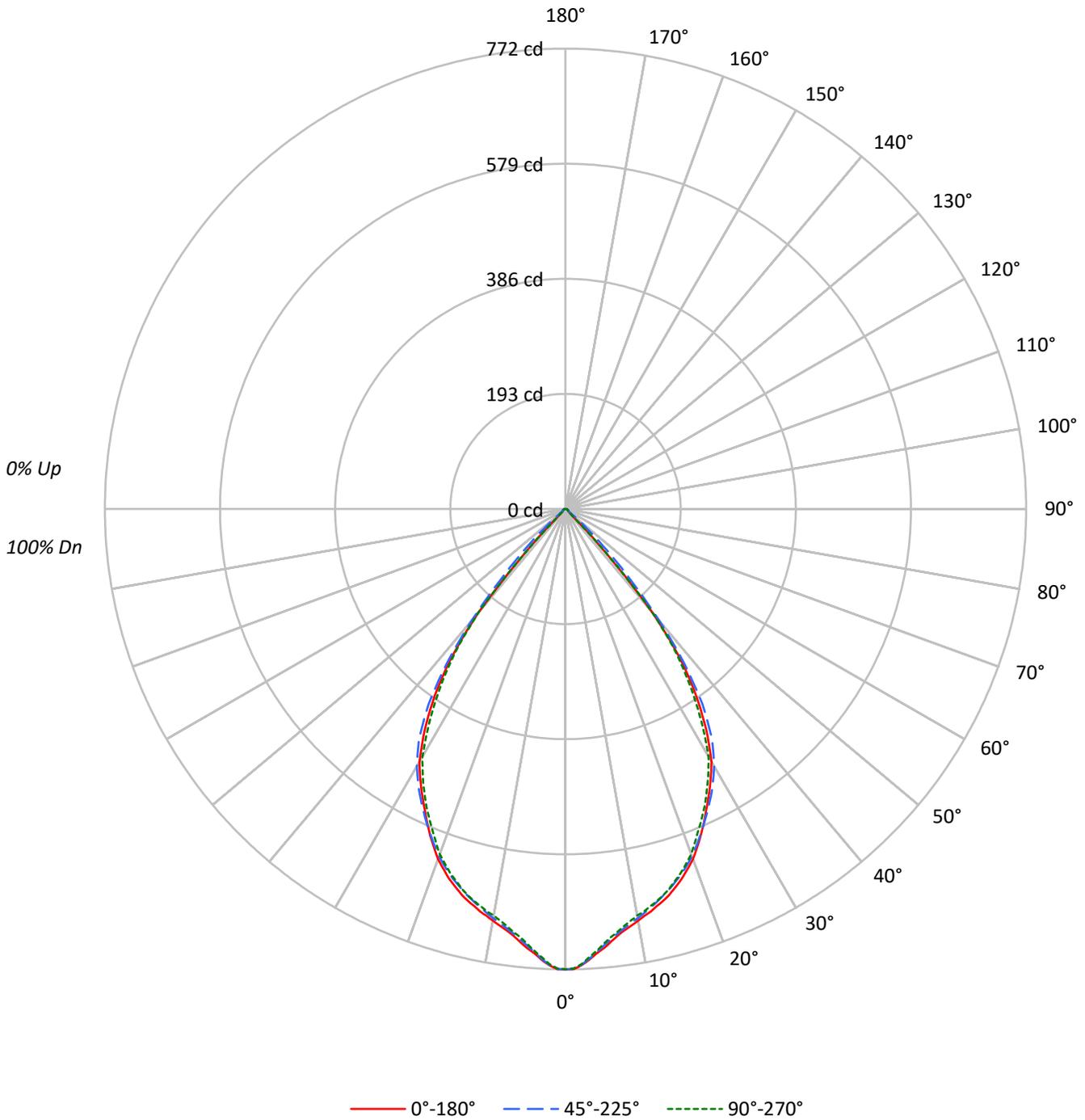
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 823.0 lumens
Efficiency: N/A
Efficacy: 56.0 lumens/watt
Spacing Criteria (0/90/45): 1 / 0.98 / 1.03
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.7
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: P1323841
CATALOG NUMBER: LDSQA3D09R709030D2WDE010 3LSQCDR1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1323841

CATALOG NUMBER: LDSQA3D09R709030D2WDE010 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	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	95	95	95	93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	87	87	87	86
3	101	95	89	85	99	93	88	84	90	86	83	88	85	82	86	83	80	80	80	80	79
4	96	88	82	77	94	87	81	77	84	80	76	82	78	75	81	77	74	74	74	74	73
5	91	82	76	71	89	81	75	71	79	74	70	77	73	69	76	72	69	69	69	69	67
6	86	76	70	65	84	75	69	65	74	69	65	72	68	64	71	67	64	64	64	64	62
7	81	71	65	60	80	70	64	60	69	64	60	68	63	59	67	62	59	59	59	59	58
8	77	67	60	56	75	66	60	56	65	59	56	64	59	55	63	58	55	55	55	55	54
9	73	62	56	52	72	62	56	52	61	56	52	60	55	52	59	55	51	51	51	51	50
10	69	59	53	48	68	58	52	48	57	52	48	57	52	48	56	51	48	48	48	48	47

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	132939	132939	132939
5°	127776	127084	126618
10°	122590	121873	121069
15°	119495	118176	118069
20°	114492	113631	112898
25°	105997	106757	104724
30°	97365	99095	95376
35°	80293	84098	77202
40°	51124	55036	51124
45°	3580	23796	3921
50°	1608	4850	1608
55°	1802	1802	1802
60°	1860	1860	1860
65°	1630	1915	1630
70°	1662	2014	1662
75°	1797	1797	1797
80°	1984	1984	1984
85°	1383	2569	1383

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 23796 cd/sqm



TEST NUMBER: P1323841

CATALOG NUMBER: LDSQA3D09R709030D2WDE010 3LSQCDR1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.9	8.4
10°-20°	186.5	22.7
20°-30°	256.3	31.1
30°-40°	234.8	28.5
40°-50°	62.3	7.6
50°-60°	5.6	0.7
60°-70°	4.5	0.6
70°-80°	3.0	0.4
80°-90°	1.1	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°	511.7	62.2
0°-40°	746.4	90.7
0°-60°	814.3	98.9
0°-90°	823.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	823.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	772	772	772	772	772	
5°	739	736	735	734	732	69
15°	670	664	663	663	662	188
25°	558	560	562	555	551	256
35°	382	388	400	382	367	232
45°	15	50	98	51	16	44
55°	6	6	6	6	6	5
65°	4	5	5	5	4	4
75°	3	3	3	3	3	3
85°	1	1	1	1	1	1
90°	0	0	0	0	0	



TEST NUMBER: P1323841

CATALOG NUMBER: LDSQA3D09R709030D2WDE010 3LSQCDR1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	771.9	771.9	771.9	771.9	771.9
1°	771.9	770.5	771.9	771.9	770.5
2°	765.8	764.5	765.2	764.5	763.8
3°	757.1	755.1	755.8	754.5	753.1
4°	747.1	745.1	745.1	744.4	743.1
5°	739.1	735.7	735.1	733.7	732.4
6°	729.7	726.4	725.7	723.7	722.4
7°	720.4	717.7	717.0	714.3	714.3
8°	713.0	709.7	709.7	706.3	706.3
9°	707.0	703.0	703.0	700.3	699.0
10°	701.0	696.9	696.9	693.6	692.3
11°	694.9	691.6	690.3	688.3	687.6
12°	689.6	684.9	683.6	682.9	681.6
13°	682.9	678.2	676.9	676.2	675.5
14°	676.9	670.9	670.2	668.9	669.5
15°	670.2	664.2	662.8	662.8	662.2
17.5°	649.5	645.4	643.4	642.1	640.8
20°	624.7	621.4	620.0	617.4	616.0
22.5°	592.6	591.9	591.3	587.9	582.6
25°	557.8	559.8	561.8	555.1	551.1
27.5°	524.4	529.7	531.7	525.1	516.4
30°	489.6	494.3	498.3	488.9	479.6
32.5°	439.4	450.8	456.8	446.1	424.7
35°	381.9	387.9	400.0	381.9	367.2
37.5°	315.0	318.4	327.7	315.7	305.7
40°	227.4	237.4	244.8	237.4	227.4
42.5°	102.3	143.1	161.9	151.2	107.0
45°	14.7	50.2	97.7	50.8	16.1
47.5°	6.0	8.0	50.8	7.4	6.0
50°	6.0	6.0	18.1	6.0	6.0
52.5°	6.0	6.0	6.7	6.0	6.0
55°	6.0	6.0	6.0	6.0	6.0
57.5°	5.4	5.4	6.0	5.4	5.4
60°	5.4	5.4	5.4	5.4	5.4
62.5°	4.7	5.4	5.4	5.4	4.7
65°	4.0	4.7	4.7	4.7	4.0
67.5°	4.0	4.0	4.0	4.0	4.0
70°	3.3	4.0	4.0	4.0	3.3
72.5°	3.3	3.3	3.3	3.3	3.3
75°	2.7	2.7	2.7	2.7	2.7
77.5°	2.0	2.7	2.7	2.7	2.0
80°	2.0	2.0	2.0	2.0	2.0
82.5°	1.3	1.3	1.3	1.3	1.3
85°	0.7	1.3	1.3	1.3	0.7
87.5°	0.7	0.7	0.7	0.7	0.7



TEST NUMBER: P1323841
CATALOG NUMBER: LDSQA3D09R709030D2WDE010 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)