

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: P1307074

Luminaire Tested: LDSQA3D09R709024DE010 3LSQCLDWWR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1307074
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R709024DE010 3LSQCLDWWR1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 2400K CCT AND, 90CRI , 3LSQCLDWWR1MW TR
Light Source: -
Ballast/Driver: -

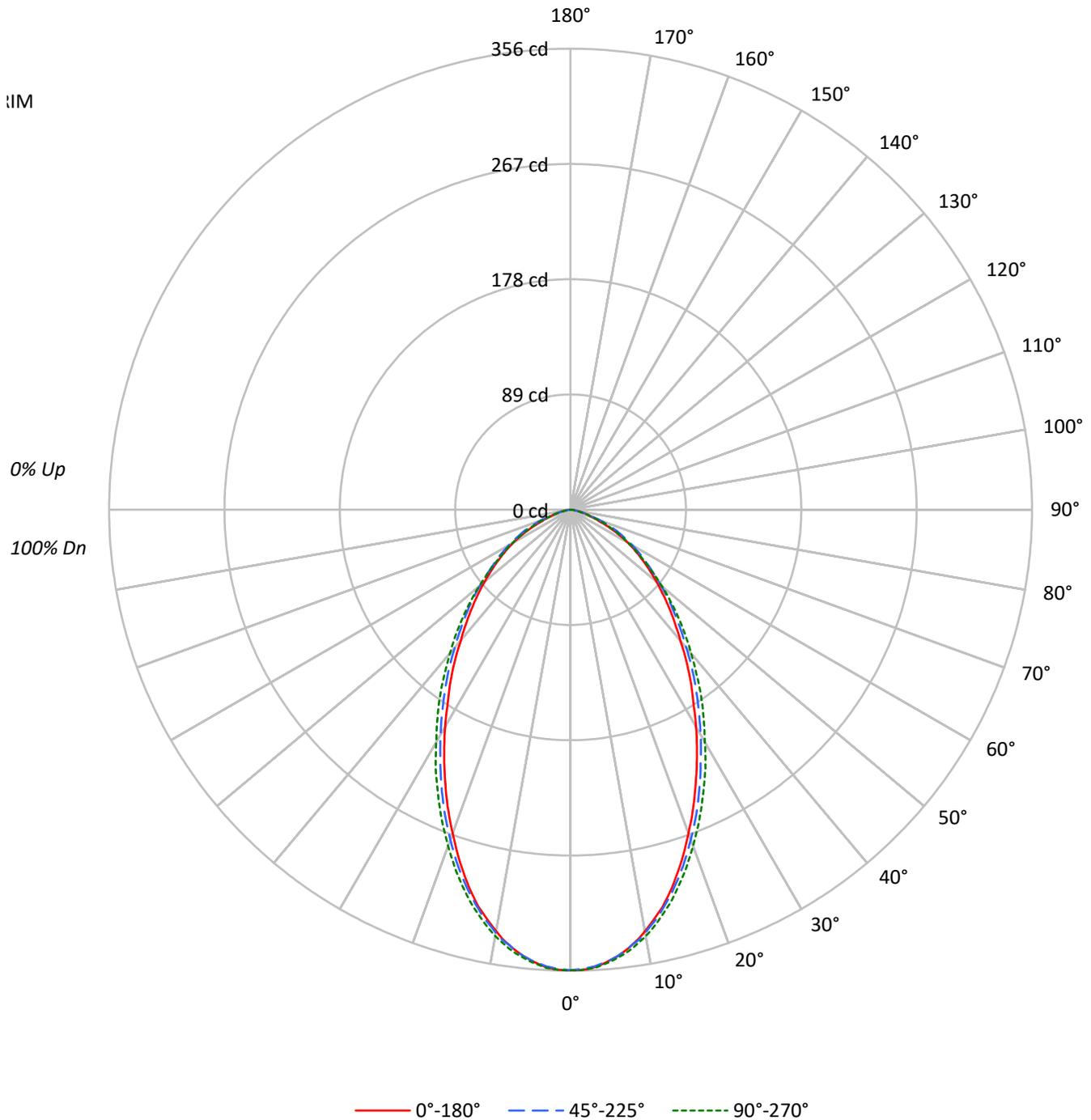
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 534.0 lumens
Efficiency: N/A
Efficacy: 48.1 lumens/watt
Spacing Criteria (0/90/45): 0.9 / 0.94 / 1.01
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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

TEST NUMBER: P1307074
CATALOG NUMBER: LDSQA3D09R709024DE010 3LSQCLDWWR1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1307074

CATALOG NUMBER: LDSQA3D09R709024DE010 3LSQCLDWWR1MW

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	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	111	107	104	101	109	105	102	99	101	98	96	97	95	93	94	92	91	91	91	91	89
2	103	96	91	86	101	95	89	85	91	87	83	88	84	81	85	82	80	80	80	80	78
3	95	87	80	75	93	85	79	74	82	77	73	80	75	71	77	74	70	70	70	70	68
4	89	78	71	65	87	77	70	65	75	69	64	73	67	63	71	66	62	62	62	62	61
5	83	71	64	58	81	70	63	58	68	62	57	67	61	57	65	60	56	56	56	56	54
6	77	65	58	52	75	64	57	52	63	56	51	61	55	51	60	55	51	51	51	51	49
7	72	60	52	47	70	59	52	47	58	51	47	57	51	46	55	50	46	46	46	46	44
8	68	56	48	43	66	55	48	43	54	47	42	53	47	42	51	46	42	42	42	42	40
9	64	52	44	39	62	51	44	39	50	44	39	49	43	39	48	43	39	39	39	39	37
10	60	48	41	36	59	48	41	36	47	40	36	46	40	36	45	40	36	36	36	36	34

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	61242	61242	61242
5°	60370	60370	60595
10°	57798	58025	58462
15°	53864	54310	55005
20°	48733	49686	50621
25°	43535	44770	45986
30°	38500	39912	41205
35°	33934	35426	36919
40°	29609	31205	32509
45°	26256	27668	28618
50°	23176	24382	24730
55°	20358	21499	20928
60°	17567	18910	18014
65°	13937	16301	14711
70°	10071	12689	11028
75°	7719	8185	6854
80°	5157	5157	3868
85°	2569	2569	2569

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 45°
 Luminance: 28618 cd/sqm



TEST NUMBER: P1307074

CATALOG NUMBER: LDSQA3D09R709024DE010 3LSQCLDWWR1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.8	6.1
10°-20°	85.1	15.9
20°-30°	108.1	20.3
30°-40°	105.2	19.7
40°-50°	87.5	16.4
50°-60°	63.1	11.8
60°-70°	37.1	6.9
70°-80°	13.2	2.5
80°-90°	1.9	0.4
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°	226.0	42.3
0°-40°	331.3	62.0
0°-60°	481.8	90.2
0°-90°	534.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	534.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	356	356	356	356	356	
5°	349	348	349	349	350	33
15°	302	302	305	307	308	84
25°	229	232	236	240	242	105
35°	161	163	168	173	176	101
45°	108	110	114	116	118	83
55°	68	70	72	71	70	61
65°	34	37	40	38	36	34
75°	12	12	12	11	10	13
85°	1	1	1	1	1	2
90°	0	0	0	0	0	



TEST NUMBER: P1307074

CATALOG NUMBER: LDSQA3D09R709024DE010 3LSQCLDWWR1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	355.6	355.6	355.6	355.6	355.6
1°	355.6	355.0	355.0	355.0	355.6
2°	355.0	354.3	354.3	354.3	355.0
3°	353.7	353.1	353.1	353.1	354.3
4°	351.8	350.5	351.1	351.1	352.4
5°	349.2	348.5	349.2	349.2	350.5
6°	346.6	346.0	346.6	346.6	347.9
7°	343.4	342.7	343.4	344.0	345.3
8°	339.5	338.9	339.5	340.1	342.1
9°	335.6	335.0	336.3	336.9	338.2
10°	330.5	330.5	331.8	332.4	334.3
11°	325.3	325.3	326.6	327.9	329.8
12°	320.1	320.1	322.1	323.4	324.7
13°	315.0	314.3	316.3	317.6	319.5
14°	308.5	307.9	310.5	312.4	314.3
15°	302.1	302.1	304.6	306.6	308.5
17.5°	284.6	285.3	288.5	291.1	293.0
20°	265.9	267.9	271.1	274.3	276.2
22.5°	247.8	249.1	253.7	257.5	259.5
25°	229.1	231.7	235.6	240.1	242.0
27.5°	211.1	213.6	217.5	222.0	225.3
30°	193.6	195.6	200.7	205.3	207.2
32.5°	176.2	178.8	184.0	188.5	191.1
35°	161.4	163.3	168.5	173.0	175.6
37.5°	146.5	148.5	153.6	157.5	159.4
40°	131.7	134.9	138.8	142.6	144.6
42.5°	119.4	122.0	125.9	129.1	131.0
45°	107.8	109.7	113.6	116.2	117.5
47.5°	96.8	98.8	102.6	103.9	104.6
50°	86.5	88.4	91.0	91.7	92.3
52.5°	76.8	78.1	80.7	80.7	80.0
55°	67.8	69.7	71.6	71.0	69.7
57.5°	59.4	60.0	63.3	62.0	60.7
60°	51.0	52.3	54.9	53.6	52.3
62.5°	42.6	43.9	47.1	45.8	43.9
65°	34.2	36.8	40.0	38.1	36.1
67.5°	25.8	29.0	32.3	30.3	29.0
70°	20.0	22.6	25.2	23.2	21.9
72.5°	15.5	16.8	18.1	16.8	15.5
75°	11.6	12.3	12.3	11.0	10.3
77.5°	8.4	9.0	7.7	6.5	6.5
80°	5.2	5.8	5.2	3.9	3.9
82.5°	2.6	3.2	2.6	2.6	2.6
85°	1.3	1.3	1.3	1.3	1.3
87.5°	0.6	0.6	0.6	0.6	0.6



TEST NUMBER: P1307074
CATALOG NUMBER: LDSQA3D09R709024DE010 3LSQCLDWWR1MW

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)