

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: P1311304

Luminaire Tested: LDSQA3D09R259040DE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1311304
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R259040DE010 3LSQPHRLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , 3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

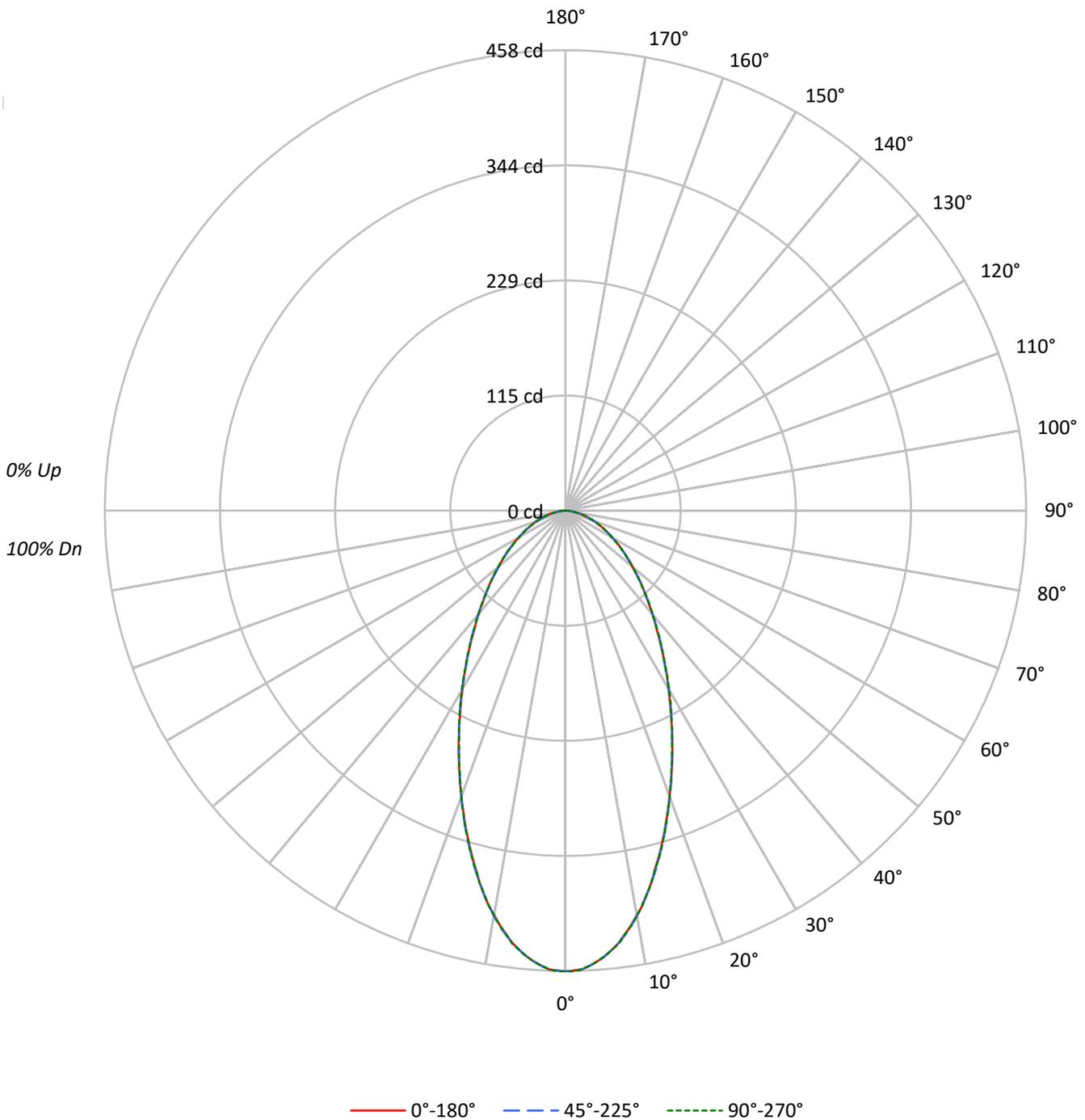
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 574.0 lumens
Efficiency: N/A
Efficacy: 51.7 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.89
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

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Luminous Intensity Polar Plot





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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	111	107	104	100	108	105	102	99	101	98	96	97	95	93	93	92	90	88
2	103	96	90	86	100	94	89	85	91	86	83	88	84	81	85	82	79	77
3	95	87	80	74	93	85	79	74	82	77	72	80	75	71	77	73	70	68
4	89	79	71	65	87	77	70	65	75	69	64	73	68	63	71	66	63	61
5	83	72	64	58	81	71	64	58	69	62	58	67	61	57	65	60	56	55
6	77	66	58	53	76	65	58	52	63	57	52	62	56	52	60	55	51	49
7	73	61	53	48	71	60	53	48	59	52	47	57	51	47	56	51	47	45
8	68	56	49	44	67	56	49	44	55	48	44	53	48	43	52	47	43	41
9	64	53	45	40	63	52	45	40	51	45	40	50	44	40	49	44	40	38
10	61	49	42	37	60	49	42	37	48	42	37	47	41	37	46	41	37	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	78964	78964	78964
5°	76949	76949	76949
10°	71491	71631	71491
15°	63759	63902	63902
20°	55441	55587	55441
25°	47754	47602	47602
30°	40728	40887	41046
35°	34943	34943	35111
40°	30283	30283	30283
45°	26475	26475	26475
50°	23230	23230	23417
55°	20808	20808	20808
60°	18462	18462	18462
65°	16708	16708	16708
70°	15056	14653	15056
75°	13641	13109	13109
80°	10910	10910	10910
85°	7707	7707	7707

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 26475 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.4	7.2
10°-20°	99.8	17.4
20°-30°	115.3	20.1
30°-40°	104.5	18.2
40°-50°	84.3	14.7
50°-60°	62.1	10.8
60°-70°	40.8	7.1
70°-80°	21.1	3.7
80°-90°	4.8	0.8
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°	256.5	44.7
0°-40°	361.0	62.9
0°-60°	507.3	88.4
0°-90°	574.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	574.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	458	458	458	458	458	
5°	445	447	445	445	445	41
15°	358	358	358	358	358	100
25°	251	250	250	251	250	115
35°	166	166	166	166	167	104
45°	109	109	109	109	109	84
55°	69	69	69	68	69	62
65°	41	41	41	41	41	41
75°	20	20	20	20	20	21
85°	4	4	4	4	4	5
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	458.5	458.5	458.5	458.5	458.5
1°	457.7	459.3	457.7	457.7	458.5
2°	456.9	457.7	456.9	456.9	456.9
3°	453.7	455.3	453.7	453.7	453.7
4°	449.8	451.4	449.8	449.8	449.8
5°	445.1	446.7	445.1	445.1	445.1
6°	439.6	440.4	439.6	439.6	439.6
7°	433.3	434.1	433.3	433.3	434.1
8°	425.4	426.2	426.2	425.4	425.4
9°	417.5	418.3	418.3	417.5	418.3
10°	408.8	409.6	409.6	408.8	408.8
11°	400.2	401.0	399.4	399.4	400.2
12°	389.9	390.7	389.9	389.9	389.9
13°	379.7	379.7	379.7	379.7	379.7
14°	367.9	369.5	369.5	368.7	367.9
15°	357.6	358.4	358.4	357.6	358.4
17.5°	330.1	331.6	330.9	330.9	330.9
20°	302.5	303.3	303.3	302.5	302.5
22.5°	276.5	275.7	275.7	275.7	275.7
25°	251.3	250.5	250.5	251.3	250.5
27.5°	226.9	227.7	227.7	226.9	227.7
30°	204.8	204.8	205.6	204.8	206.4
32.5°	185.1	185.1	184.3	185.1	185.1
35°	166.2	166.2	166.2	166.2	167.0
37.5°	148.9	149.7	150.5	150.5	149.7
40°	134.7	134.7	134.7	134.7	134.7
42.5°	120.5	120.5	121.3	121.3	121.3
45°	108.7	108.7	108.7	108.7	108.7
47.5°	97.7	97.7	96.9	96.9	97.7
50°	86.7	87.4	86.7	86.7	87.4
52.5°	78.0	77.2	77.2	78.0	78.0
55°	69.3	69.3	69.3	68.5	69.3
57.5°	61.4	61.4	60.7	60.7	60.7
60°	53.6	53.6	53.6	53.6	53.6
62.5°	47.3	47.3	47.3	47.3	47.3
65°	41.0	41.0	41.0	41.0	41.0
67.5°	35.4	35.4	35.4	35.4	34.7
70°	29.9	29.9	29.1	29.1	29.9
72.5°	24.4	24.4	24.4	24.4	24.4
75°	20.5	19.7	19.7	19.7	19.7
77.5°	15.8	15.8	15.0	15.8	15.0
80°	11.0	11.0	11.0	11.0	11.0
82.5°	7.9	7.1	7.1	7.1	7.1
85°	3.9	3.9	3.9	3.9	3.9
87.5°	0.8	0.8	0.8	0.8	1.6



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CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)