

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: P1317324

Luminaire Tested: LDSQA3D09R259827DE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1317324
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: LDSQA3D09R259827DE010 3LSQPHRLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 98CRI , 3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

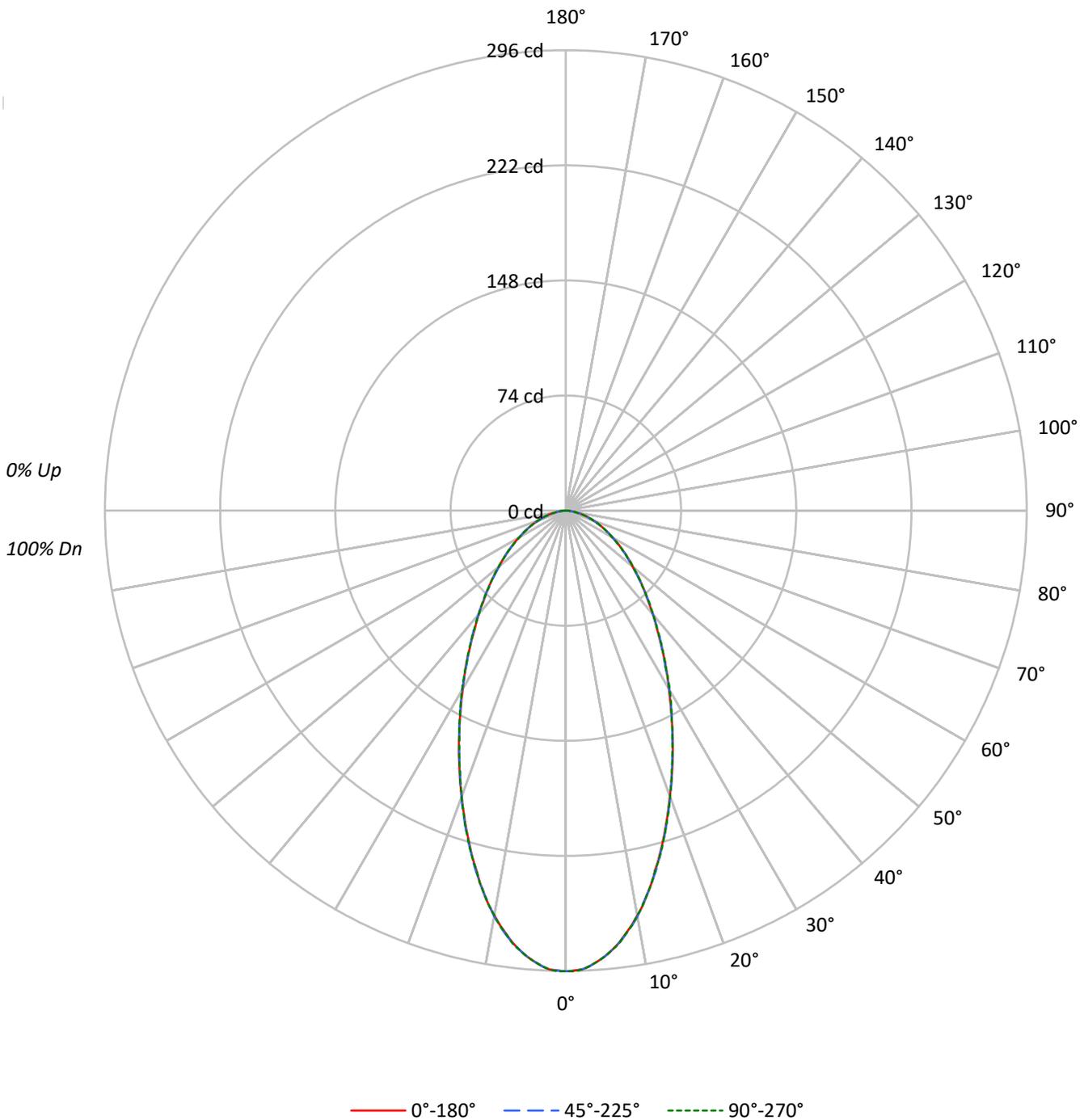
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 370.9 lumens
Efficiency: N/A
Efficacy: 33.7 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
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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	100	
1	111	107	104	100	108	105	102	99	101	98	96	97	95	93	93	92	90	90	88	
2	103	96	90	86	100	94	89	85	91	86	83	88	84	81	85	82	79	79	77	
3	95	87	80	74	93	85	79	74	82	77	72	80	75	71	77	73	70	70	68	
4	89	79	71	65	87	77	70	65	75	69	64	73	68	63	71	66	63	63	61	
5	83	72	64	58	81	71	64	58	69	62	58	67	61	57	65	60	56	56	55	
6	77	66	58	53	76	65	58	52	63	57	52	62	56	52	60	55	51	51	49	
7	73	61	53	48	71	60	53	48	59	52	47	57	51	47	56	51	47	47	45	
8	68	56	49	44	67	56	49	44	55	48	44	53	48	43	52	47	43	43	41	
9	64	53	45	40	63	52	45	40	51	45	40	50	44	40	49	44	40	40	38	
10	61	49	42	37	60	49	42	37	48	42	37	47	41	37	46	41	37	37	35	

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	51030	51030	51030
5°	49738	49738	49738
10°	46221	46308	46221
15°	41222	41312	41312
20°	35830	35922	35830
25°	30860	30765	30765
30°	26330	26429	26529
35°	22580	22580	22685
40°	19582	19582	19582
45°	17122	17122	17122
50°	15004	15004	15138
55°	13452	13452	13452
60°	11918	11918	11918
65°	10799	10799	10799
70°	9718	9467	9718
75°	8784	8451	8451
80°	7042	7042	7042
85°	4940	4940	4940

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 17122 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.7	7.2
10°-20°	64.5	17.4
20°-30°	74.5	20.1
30°-40°	67.6	18.2
40°-50°	54.5	14.7
50°-60°	40.1	10.8
60°-70°	26.4	7.1
70°-80°	13.6	3.7
80°-90°	3.1	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°	165.8	44.7
0°-40°	233.3	62.9
0°-60°	327.9	88.4
0°-90°	370.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	370.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	296	296	296	296	296	
5°	288	289	288	288	288	27
15°	231	232	232	231	232	64
25°	162	162	162	162	162	75
35°	107	107	107	107	108	67
45°	70	70	70	70	70	54
55°	45	45	45	44	45	40
65°	26	26	26	26	26	26
75°	13	13	13	13	13	14
85°	2	2	2	2	2	3
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	296.3	296.3	296.3	296.3	296.3
1°	295.8	296.8	295.8	295.8	296.3
2°	295.3	295.8	295.3	295.3	295.3
3°	293.3	294.3	293.3	293.3	293.3
4°	290.7	291.7	290.7	290.7	290.7
5°	287.7	288.7	287.7	287.7	287.7
6°	284.1	284.6	284.1	284.1	284.1
7°	280.0	280.5	280.0	280.0	280.5
8°	274.9	275.5	275.5	274.9	274.9
9°	269.9	270.4	270.4	269.9	270.4
10°	264.3	264.8	264.8	264.3	264.3
11°	258.7	259.2	258.1	258.1	258.7
12°	252.0	252.5	252.0	252.0	252.0
13°	245.4	245.4	245.4	245.4	245.4
14°	237.8	238.8	238.8	238.3	237.8
15°	231.2	231.7	231.7	231.2	231.7
17.5°	213.3	214.4	213.8	213.8	213.8
20°	195.5	196.0	196.0	195.5	195.5
22.5°	178.7	178.2	178.2	178.2	178.2
25°	162.4	161.9	161.9	162.4	161.9
27.5°	146.6	147.1	147.1	146.6	147.1
30°	132.4	132.4	132.9	132.4	133.4
32.5°	119.7	119.7	119.1	119.7	119.7
35°	107.4	107.4	107.4	107.4	107.9
37.5°	96.2	96.7	97.2	97.2	96.7
40°	87.1	87.1	87.1	87.1	87.1
42.5°	77.9	77.9	78.4	78.4	78.4
45°	70.3	70.3	70.3	70.3	70.3
47.5°	63.1	63.1	62.6	62.6	63.1
50°	56.0	56.5	56.0	56.0	56.5
52.5°	50.4	49.9	49.9	50.4	50.4
55°	44.8	44.8	44.8	44.3	44.8
57.5°	39.7	39.7	39.2	39.2	39.2
60°	34.6	34.6	34.6	34.6	34.6
62.5°	30.5	30.5	30.5	30.5	30.5
65°	26.5	26.5	26.5	26.5	26.5
67.5°	22.9	22.9	22.9	22.9	22.4
70°	19.3	19.3	18.8	18.8	19.3
72.5°	15.8	15.8	15.8	15.8	15.8
75°	13.2	12.7	12.7	12.7	12.7
77.5°	10.2	10.2	9.7	10.2	9.7
80°	7.1	7.1	7.1	7.1	7.1
82.5°	5.1	4.6	4.6	4.6	4.6
85°	2.5	2.5	2.5	2.5	2.5
87.5°	0.5	0.5	0.5	0.5	1.0



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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)