

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: P1318526

Luminaire Tested: LDSQA3D17R359830DE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1318526
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D17R359830DE010 3LSQPHRLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 98CRI , 3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

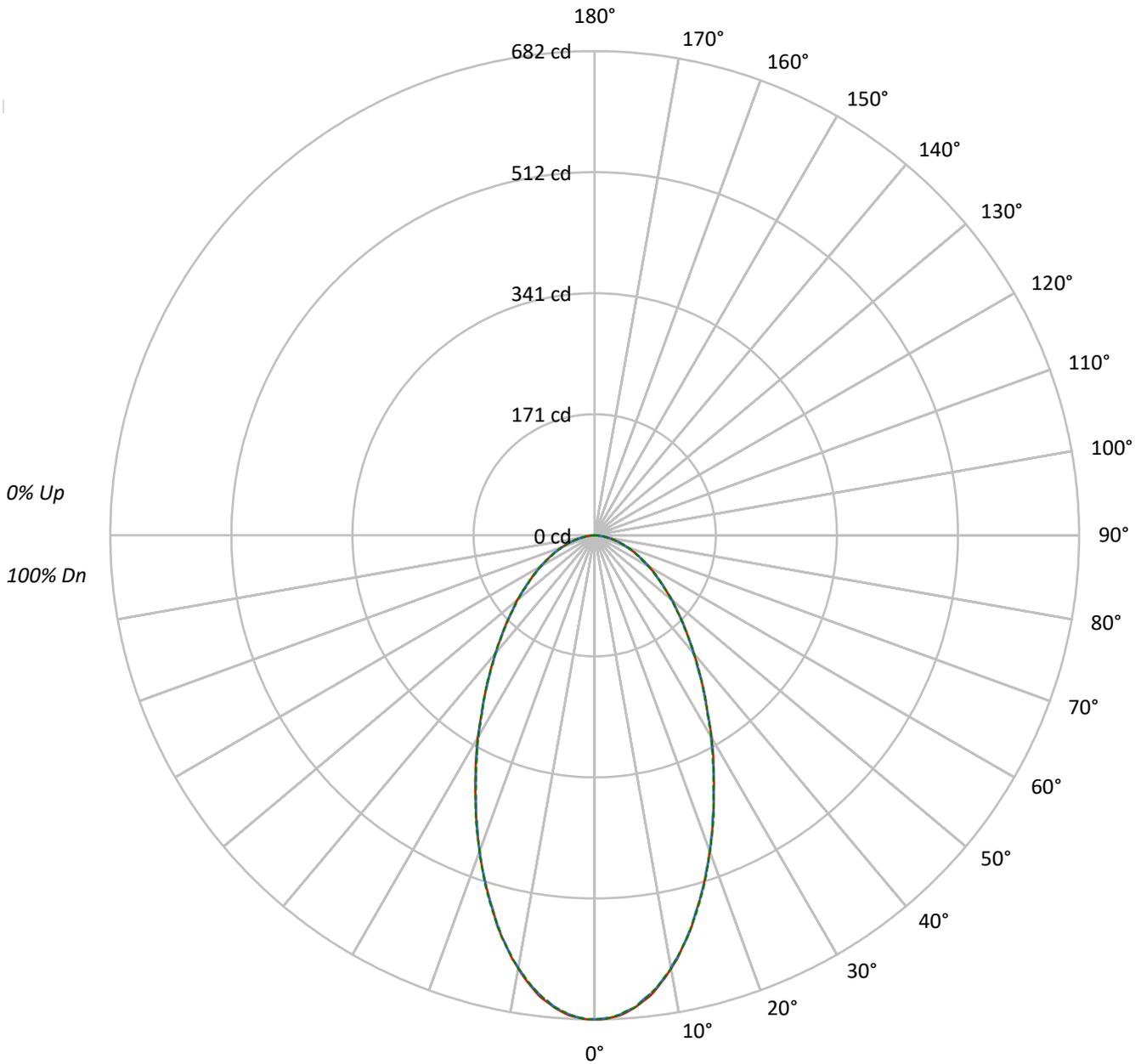
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 911.0 lumens
Efficiency: N/A
Efficacy: 44.7 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.92
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
Input Voltage (V): NR
Input Current (A_{in}): 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



— 0°-180° - - 45°-225° - · - · 90°-270°



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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	100	100	100
1	111	107	103	100	108	105	101	99	100	98	95	97	95	93	93	91	90	88	88	88
2	103	96	90	85	100	94	89	84	90	86	82	87	84	81	84	81	79	77	77	77
3	95	86	79	74	93	85	78	73	82	76	72	79	75	71	77	73	70	68	68	68
4	88	78	71	65	86	77	70	65	75	68	64	72	67	63	70	66	62	60	60	60
5	82	71	64	58	80	70	63	58	68	62	57	66	61	56	65	60	56	54	54	54
6	77	65	58	52	75	65	57	52	63	56	51	61	55	51	60	55	51	49	49	49
7	72	60	53	47	71	60	52	47	58	52	47	57	51	46	55	50	46	44	44	44
8	68	56	48	43	66	55	48	43	54	47	43	53	47	43	52	46	42	41	41	41
9	64	52	45	40	63	51	44	40	50	44	39	49	44	39	48	43	39	38	38	38
10	60	49	42	37	59	48	41	37	47	41	37	46	41	36	45	40	36	35	35	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	117439	117439	117439
5°	115242	115052	115242
10°	108355	108145	108355
15°	98100	98100	98314
20°	86836	86836	86836
25°	75517	75289	75289
30°	65467	65009	65228
35°	56367	56114	56367
40°	48899	48629	48899
45°	42964	42672	42672
50°	38127	37805	37805
55°	33539	33539	33539
60°	30380	29967	30380
65°	27303	27303	27303
70°	24271	24271	24271
75°	21892	21094	21892
80°	18646	18646	18646
85°	11659	11659	11659

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 42964 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.0	6.8
10°-20°	153.5	16.8
20°-30°	182.4	20.0
30°-40°	167.6	18.4
40°-50°	136.1	14.9
50°-60°	100.7	11.1
60°-70°	66.5	7.3
70°-80°	34.5	3.8
80°-90°	7.8	0.9
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°	397.9	43.7
0°-40°	565.5	62.1
0°-60°	802.2	88.1
0°-90°	911.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	911.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	682	682	682	682	682	
5°	667	666	666	666	667	62
15°	550	550	550	550	551	154
25°	397	396	396	397	396	183
35°	268	267	267	268	268	168
45°	176	175	175	175	175	136
55°	112	112	112	112	112	101
65°	67	67	67	67	67	67
75°	33	33	32	33	33	35
85°	6	6	6	6	6	8
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	681.9	681.9	681.9	681.9	681.9
1°	681.9	680.7	680.7	680.7	681.9
2°	679.6	679.6	679.6	679.6	679.6
3°	677.2	676.0	676.0	676.0	676.0
4°	672.5	671.3	671.3	671.3	671.3
5°	666.6	665.5	665.5	665.5	666.6
6°	659.6	658.4	657.2	657.2	658.4
7°	652.5	650.2	650.2	650.2	650.2
8°	641.9	640.8	640.8	640.8	640.8
9°	631.4	629.0	630.2	630.2	630.2
10°	619.6	618.4	618.4	618.4	619.6
11°	607.8	606.7	606.7	605.5	606.7
12°	593.7	593.7	593.7	593.7	593.7
13°	580.8	579.6	579.6	579.6	580.8
14°	566.7	565.5	565.5	565.5	565.5
15°	550.2	550.2	550.2	550.2	551.4
17.5°	512.6	511.4	512.6	512.6	513.8
20°	473.8	472.6	473.8	473.8	473.8
22.5°	435.0	435.0	433.8	435.0	436.2
25°	397.4	396.2	396.2	397.4	396.2
27.5°	362.1	360.9	360.9	360.9	360.9
30°	329.2	326.9	326.9	328.0	328.0
32.5°	295.1	295.1	296.3	295.1	295.1
35°	268.1	266.9	266.9	268.1	268.1
37.5°	241.0	239.8	239.8	241.0	241.0
40°	217.5	217.5	216.3	217.5	217.5
42.5°	195.2	195.2	195.2	195.2	195.2
45°	176.4	175.2	175.2	175.2	175.2
47.5°	157.5	157.5	157.5	156.4	157.5
50°	142.3	141.1	141.1	141.1	141.1
52.5°	125.8	125.8	125.8	125.8	125.8
55°	111.7	111.7	111.7	111.7	111.7
57.5°	99.9	98.8	98.8	98.8	98.8
60°	88.2	88.2	87.0	88.2	88.2
62.5°	76.4	76.4	76.4	76.4	76.4
65°	67.0	67.0	67.0	67.0	67.0
67.5°	57.6	57.6	57.6	57.6	57.6
70°	48.2	48.2	48.2	48.2	48.2
72.5°	41.2	40.0	40.0	40.0	40.0
75°	32.9	32.9	31.7	32.9	32.9
77.5°	24.7	24.7	24.7	24.7	24.7
80°	18.8	18.8	18.8	17.6	18.8
82.5°	11.8	11.8	11.8	11.8	11.8
85°	5.9	5.9	5.9	5.9	5.9
87.5°	1.2	1.2	1.2	2.4	2.4



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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)