

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: P1323782

Luminaire Tested: LDSQA3D09R359030D2WDE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323782
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: LDSQA3D09R359030D2WDE010 3LSQPHRLD1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

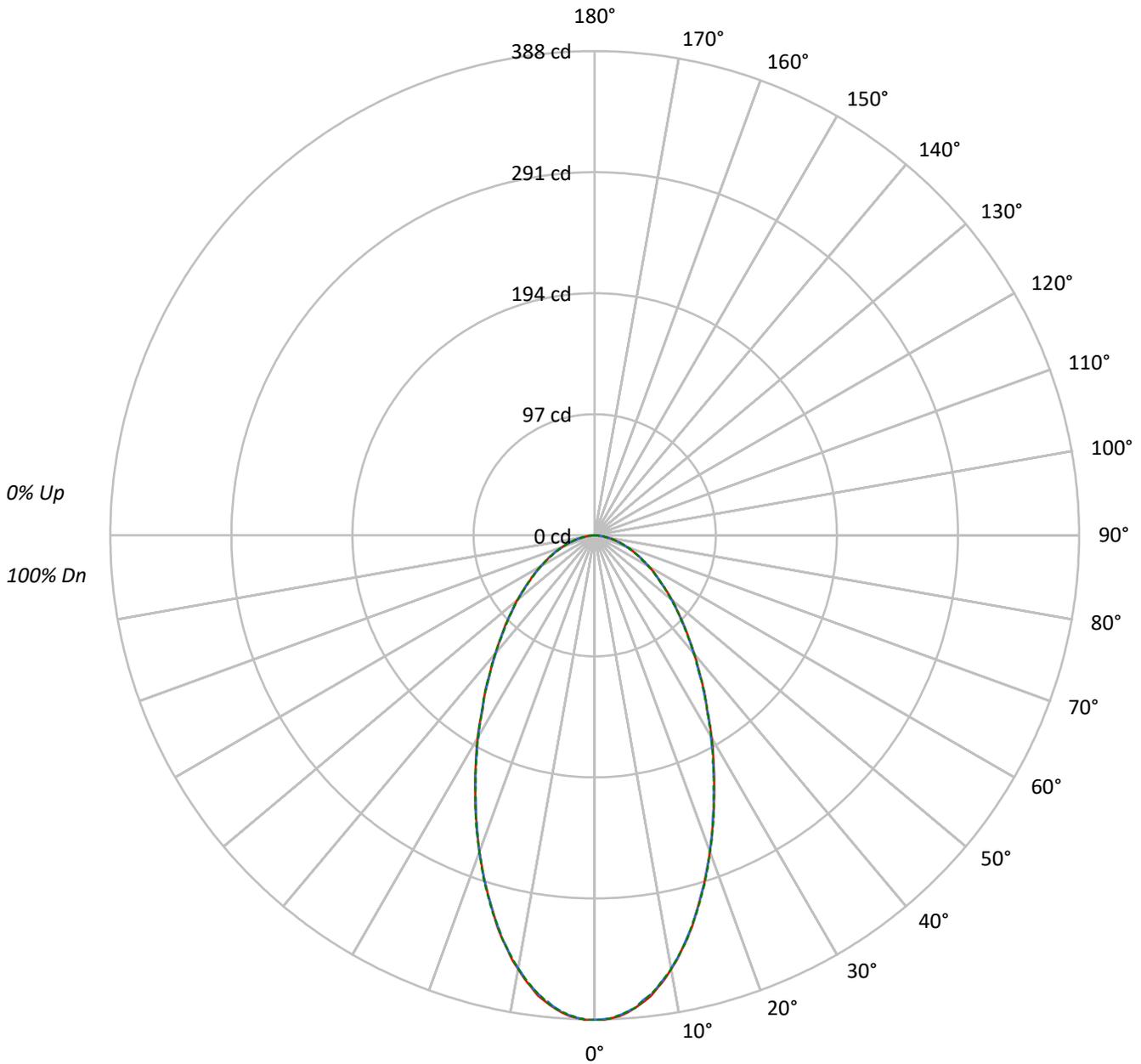
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 519.0 lumens
Efficiency: N/A
Efficacy: 35.3 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): 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

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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	66908	66908	66908
5°	65660	65539	65660
10°	61732	61610	61732
15°	55896	55896	56003
20°	49466	49466	49466
25°	43022	42889	42889
30°	37287	37029	37168
35°	32104	31957	32104
40°	27855	27698	27855
45°	24478	24307	24307
50°	21702	21542	21542
55°	19097	19097	19097
60°	17291	17084	17291
65°	15567	15567	15567
70°	13847	13847	13847
75°	12510	12044	12510
80°	10612	10612	10612
85°	6521	6521	6521

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 24478 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.3	6.8
10°-20°	87.4	16.8
20°-30°	103.9	20.0
30°-40°	95.5	18.4
40°-50°	77.5	14.9
50°-60°	57.4	11.1
60°-70°	37.9	7.3
70°-80°	19.7	3.8
80°-90°	4.4	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°	226.7	43.7
0°-40°	322.1	62.1
0°-60°	457.0	88.1
0°-90°	519.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	519.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	388	388	388	388	388	
5°	380	379	379	379	380	35
15°	314	314	314	314	314	87
25°	226	226	226	226	226	104
35°	153	152	152	153	153	96
45°	100	100	100	100	100	78
55°	64	64	64	64	64	58
65°	38	38	38	38	38	38
75°	19	19	18	19	19	20
85°	3	3	3	3	3	4
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	388.5	388.5	388.5	388.5	388.5
1°	388.5	387.8	387.8	387.8	388.5
2°	387.2	387.2	387.2	387.2	387.2
3°	385.8	385.1	385.1	385.1	385.1
4°	383.1	382.5	382.5	382.5	382.5
5°	379.8	379.1	379.1	379.1	379.8
6°	375.8	375.1	374.4	374.4	375.1
7°	371.7	370.4	370.4	370.4	370.4
8°	365.7	365.0	365.0	365.0	365.0
9°	359.7	358.3	359.0	359.0	359.0
10°	353.0	352.3	352.3	352.3	353.0
11°	346.3	345.6	345.6	345.0	345.6
12°	338.3	338.3	338.3	338.3	338.3
13°	330.9	330.2	330.2	330.2	330.9
14°	322.8	322.2	322.2	322.2	322.2
15°	313.5	313.5	313.5	313.5	314.1
17.5°	292.0	291.4	292.0	292.0	292.7
20°	269.9	269.3	269.9	269.9	269.9
22.5°	247.8	247.8	247.2	247.8	248.5
25°	226.4	225.7	225.7	226.4	225.7
27.5°	206.3	205.6	205.6	205.6	205.6
30°	187.5	186.2	186.2	186.9	186.9
32.5°	168.1	168.1	168.8	168.1	168.1
35°	152.7	152.0	152.0	152.7	152.7
37.5°	137.3	136.6	136.6	137.3	137.3
40°	123.9	123.9	123.2	123.9	123.9
42.5°	111.2	111.2	111.2	111.2	111.2
45°	100.5	99.8	99.8	99.8	99.8
47.5°	89.8	89.8	89.8	89.1	89.8
50°	81.0	80.4	80.4	80.4	80.4
52.5°	71.7	71.7	71.7	71.7	71.7
55°	63.6	63.6	63.6	63.6	63.6
57.5°	56.9	56.3	56.3	56.3	56.3
60°	50.2	50.2	49.6	50.2	50.2
62.5°	43.5	43.5	43.5	43.5	43.5
65°	38.2	38.2	38.2	38.2	38.2
67.5°	32.8	32.8	32.8	32.8	32.8
70°	27.5	27.5	27.5	27.5	27.5
72.5°	23.4	22.8	22.8	22.8	22.8
75°	18.8	18.8	18.1	18.8	18.8
77.5°	14.1	14.1	14.1	14.1	14.1
80°	10.7	10.7	10.7	10.0	10.7
82.5°	6.7	6.7	6.7	6.7	6.7
85°	3.3	3.3	3.3	3.3	3.3
87.5°	0.7	0.7	0.7	1.3	1.3



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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)