

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: P1323490

Luminaire Tested: LDSQA3D02R359030D2WDE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323490
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: LDSQA3D02R359030D2WDE010 3LSQPHRLD1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

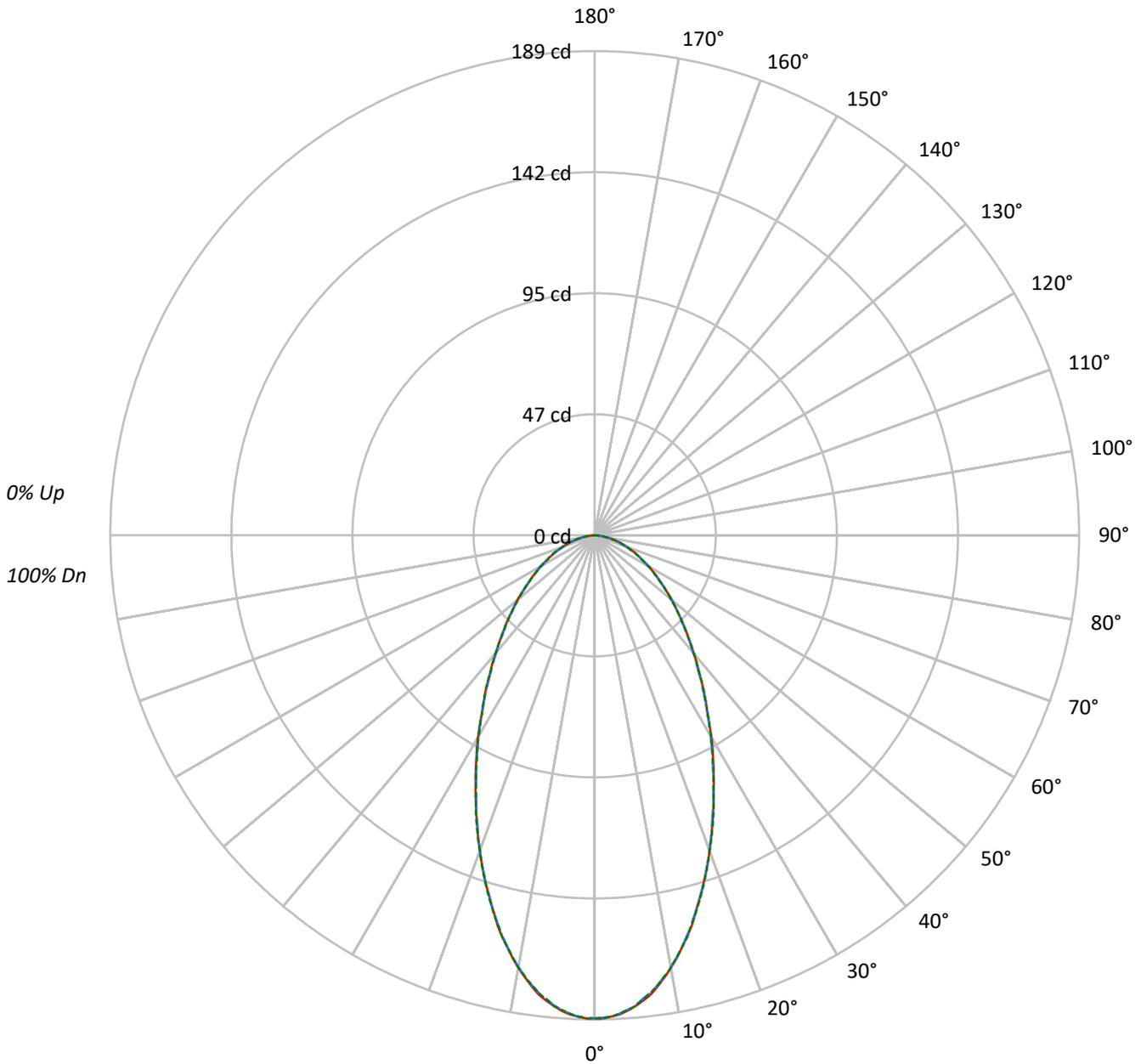
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 252.0 lumens
Efficiency: N/A
Efficacy: 35.0 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): 7.2
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	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	103	100	108	105	101	99	100	98	95	97	95	93	93	91	90	93	91	90	88
2	103	96	90	85	100	94	89	84	90	86	82	87	84	81	84	81	79	84	81	79	77
3	95	86	79	74	93	85	78	73	82	76	72	79	75	71	77	73	70	77	73	70	68
4	88	78	71	65	86	77	70	65	75	68	64	72	67	63	70	66	62	70	66	62	60
5	82	71	64	58	80	70	63	58	68	62	57	66	61	56	65	60	56	65	60	56	54
6	77	65	58	52	75	65	57	52	63	56	51	61	55	51	60	55	51	60	55	51	49
7	72	60	53	47	71	60	52	47	58	52	47	57	51	46	55	50	46	55	50	46	44
8	68	56	48	43	66	55	48	43	54	47	43	53	47	43	52	46	42	52	46	42	41
9	64	52	45	40	63	51	44	40	50	44	39	49	44	39	48	43	39	48	43	39	38
10	60	49	42	37	59	48	41	37	47	41	37	46	41	36	45	40	36	45	40	36	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	32481	32481	32481
5°	31879	31827	31879
10°	29974	29922	29974
15°	27137	27137	27190
20°	24027	24027	24027
25°	20884	20827	20827
30°	18117	17977	18037
35°	15600	15516	15600
40°	13534	13444	13534
45°	11886	11813	11813
50°	10556	10449	10449
55°	9278	9278	9278
60°	8404	8301	8404
65°	7539	7539	7539
70°	6697	6697	6697
75°	6055	5856	6055
80°	5157	5157	5157
85°	3162	3162	3162

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 11886 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.2	6.8
10°-20°	42.5	16.8
20°-30°	50.4	20.0
30°-40°	46.4	18.4
40°-50°	37.7	14.9
50°-60°	27.8	11.1
60°-70°	18.4	7.3
70°-80°	9.5	3.8
80°-90°	2.2	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°	110.1	43.7
0°-40°	156.4	62.1
0°-60°	221.9	88.1
0°-90°	252.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	252.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	189	189	189	189	189	
5°	184	184	184	184	184	17
15°	152	152	152	152	152	42
25°	110	110	110	110	110	51
35°	74	74	74	74	74	46
45°	49	48	48	48	48	38
55°	31	31	31	31	31	28
65°	18	18	18	18	18	18
75°	9	9	9	9	9	10
85°	2	2	2	2	2	2
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	188.6	188.6	188.6	188.6	188.6
1°	188.6	188.3	188.3	188.3	188.6
2°	188.0	188.0	188.0	188.0	188.0
3°	187.3	187.0	187.0	187.0	187.0
4°	186.0	185.7	185.7	185.7	185.7
5°	184.4	184.1	184.1	184.1	184.4
6°	182.5	182.1	181.8	181.8	182.1
7°	180.5	179.9	179.9	179.9	179.9
8°	177.6	177.2	177.2	177.2	177.2
9°	174.6	174.0	174.3	174.3	174.3
10°	171.4	171.1	171.1	171.1	171.4
11°	168.1	167.8	167.8	167.5	167.8
12°	164.2	164.2	164.2	164.2	164.2
13°	160.7	160.3	160.3	160.3	160.7
14°	156.8	156.4	156.4	156.4	156.4
15°	152.2	152.2	152.2	152.2	152.5
17.5°	141.8	141.5	141.8	141.8	142.1
20°	131.1	130.7	131.1	131.1	131.1
22.5°	120.3	120.3	120.0	120.3	120.7
25°	109.9	109.6	109.6	109.9	109.6
27.5°	100.2	99.8	99.8	99.8	99.8
30°	91.1	90.4	90.4	90.7	90.7
32.5°	81.6	81.6	82.0	81.6	81.6
35°	74.2	73.8	73.8	74.2	74.2
37.5°	66.7	66.3	66.3	66.7	66.7
40°	60.2	60.2	59.8	60.2	60.2
42.5°	54.0	54.0	54.0	54.0	54.0
45°	48.8	48.5	48.5	48.5	48.5
47.5°	43.6	43.6	43.6	43.3	43.6
50°	39.4	39.0	39.0	39.0	39.0
52.5°	34.8	34.8	34.8	34.8	34.8
55°	30.9	30.9	30.9	30.9	30.9
57.5°	27.6	27.3	27.3	27.3	27.3
60°	24.4	24.4	24.1	24.4	24.4
62.5°	21.1	21.1	21.1	21.1	21.1
65°	18.5	18.5	18.5	18.5	18.5
67.5°	15.9	15.9	15.9	15.9	15.9
70°	13.3	13.3	13.3	13.3	13.3
72.5°	11.4	11.1	11.1	11.1	11.1
75°	9.1	9.1	8.8	9.1	9.1
77.5°	6.8	6.8	6.8	6.8	6.8
80°	5.2	5.2	5.2	4.9	5.2
82.5°	3.3	3.3	3.3	3.3	3.3
85°	1.6	1.6	1.6	1.6	1.6
87.5°	0.3	0.3	0.3	0.7	0.7



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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)