

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: P1323473

Luminaire Tested: LDSQA3D02R309030D2WDE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323473
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D02R309030D2WDE010 3LSQPHRLD1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,
3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

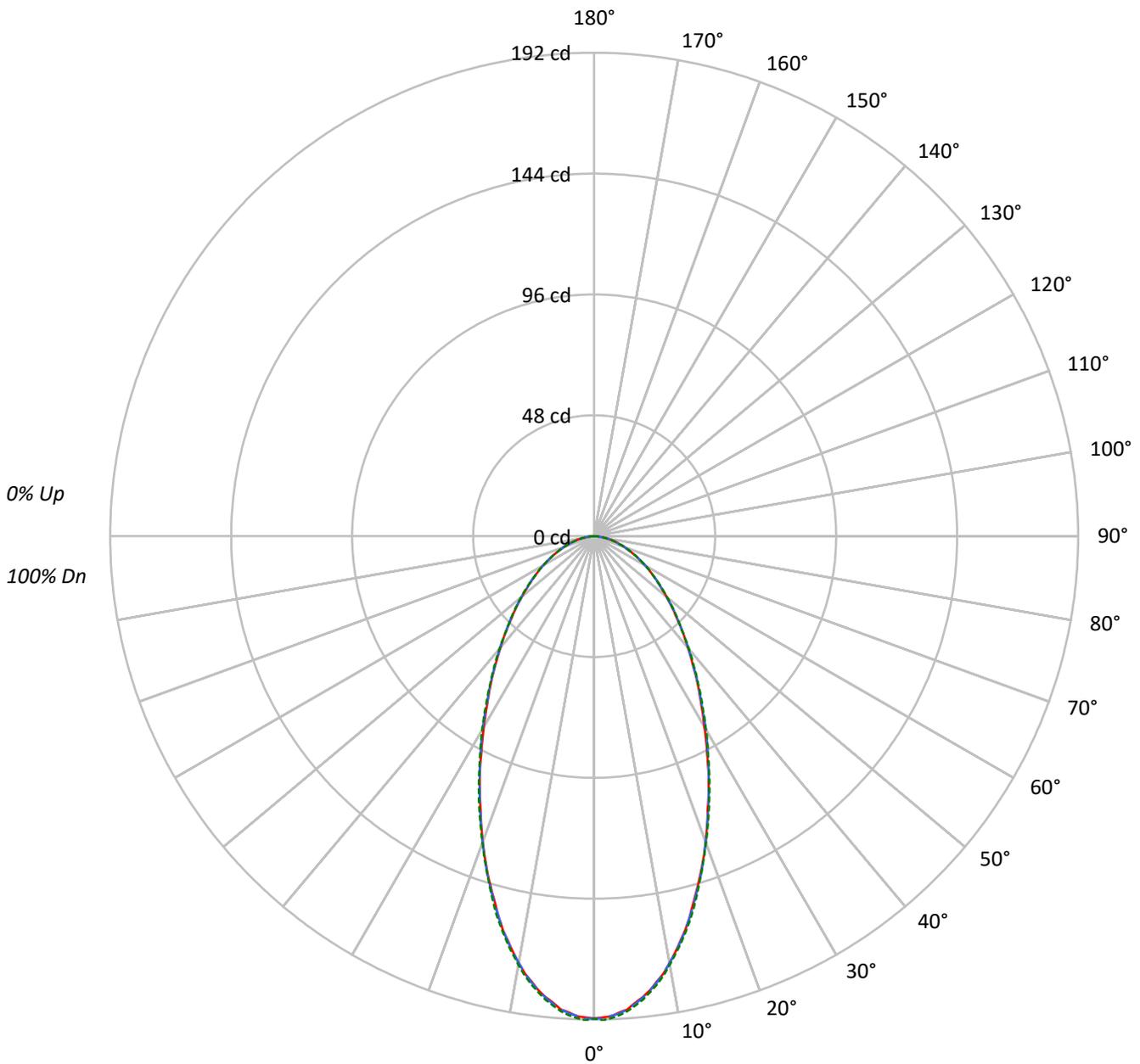
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 246.0 lumens
Efficiency: N/A
Efficacy: 34.2 lumens/watt
Spacing Criteria (0/90/45): 0.81 / 0.81 / 0.9
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	102	99	101	98	96	97	95	93	93	92	90	90	90	90	88
2	103	96	90	85	100	94	89	84	91	86	83	87	84	81	85	82	79	79	79	79	77
3	95	86	80	74	93	85	79	74	82	77	72	79	75	71	77	73	70	70	70	70	68
4	89	78	71	65	87	77	70	65	75	69	64	73	67	63	71	66	62	62	62	62	61
5	83	72	64	58	81	71	63	58	69	62	57	67	61	57	65	60	56	56	56	56	54
6	77	66	58	52	76	65	58	52	63	57	52	62	56	51	60	55	51	51	51	51	49
7	72	61	53	48	71	60	53	47	58	52	47	57	51	47	56	51	47	47	47	47	45
8	68	56	49	44	67	56	48	43	54	48	43	53	47	43	52	47	43	43	43	43	41
9	64	52	45	40	63	52	45	40	51	44	40	50	44	40	49	43	40	40	40	40	38
10	61	49	42	37	60	48	42	37	48	41	37	47	41	37	46	41	37	37	37	37	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	32998	32998	32998
5°	32173	32242	32363
10°	30114	30114	30237
15°	26994	27066	27244
20°	23698	23698	23753
25°	20428	20428	20561
30°	17401	17600	17659
35°	15033	15096	15159
40°	12995	13085	13152
45°	11350	11447	11447
50°	10021	10021	10128
55°	8978	8978	8978
60°	8094	8094	8094
65°	7213	7213	7213
70°	6496	6496	6496
75°	5856	5656	5656
80°	5058	4761	4761
85°	3359	3359	3359

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 22.5°
 Vertical Angle: 45°
 Luminance: 11447 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.3	7.1
10°-20°	42.3	17.2
20°-30°	49.4	20.1
30°-40°	44.9	18.3
40°-50°	36.3	14.8
50°-60°	26.8	10.9
60°-70°	17.6	7.2
70°-80°	9.1	3.7
80°-90°	2.1	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°	109.1	44.3
0°-40°	154.0	62.6
0°-60°	217.1	88.3
0°-90°	246.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	246.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	192	192	192	192	192	
5°	186	186	186	186	187	17
15°	151	152	152	152	153	42
25°	108	107	108	108	108	49
35°	72	71	72	72	72	45
45°	47	47	47	47	47	36
55°	30	30	30	30	30	27
65°	18	18	18	18	18	18
75°	9	8	8	8	8	9
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°	191.6	191.6	191.6	191.6	191.6
1°	191.2	191.2	191.6	191.2	192.3
2°	190.9	190.6	190.6	190.6	191.6
3°	189.5	189.5	189.9	189.5	190.6
4°	188.5	188.2	188.5	188.2	189.2
5°	186.1	186.1	186.5	186.5	187.2
6°	184.1	184.1	184.4	184.1	185.1
7°	181.7	181.7	181.7	181.7	182.4
8°	178.6	178.6	179.0	179.0	179.7
9°	175.9	175.6	175.6	175.6	176.6
10°	172.2	172.2	172.2	172.2	172.9
11°	168.4	168.4	168.4	168.4	169.1
12°	164.4	164.4	164.7	164.4	165.4
13°	160.6	160.6	160.6	160.6	161.3
14°	156.2	155.9	156.2	156.2	157.2
15°	151.4	151.8	151.8	151.8	152.8
17.5°	140.5	140.5	140.9	140.2	140.9
20°	129.3	129.0	129.3	129.3	129.6
22.5°	117.7	118.1	118.1	118.1	118.8
25°	107.5	107.2	107.5	107.5	108.2
27.5°	97.0	97.3	97.7	97.3	98.0
30°	87.5	88.1	88.5	87.8	88.8
32.5°	78.9	78.9	79.3	79.6	80.0
35°	71.5	71.1	71.8	71.8	72.1
37.5°	64.3	64.3	64.3	64.7	65.0
40°	57.8	57.8	58.2	58.2	58.5
42.5°	52.1	51.7	52.1	52.1	52.1
45°	46.6	47.0	47.0	47.0	47.0
47.5°	41.9	41.9	42.2	41.9	42.2
50°	37.4	37.4	37.4	37.4	37.8
52.5°	33.3	33.3	33.3	33.3	33.7
55°	29.9	29.6	29.9	29.6	29.9
57.5°	26.5	26.5	26.5	26.5	26.5
60°	23.5	23.1	23.5	23.1	23.5
62.5°	20.4	20.4	20.4	20.4	20.4
65°	17.7	17.7	17.7	17.7	17.7
67.5°	15.3	15.3	15.3	15.0	15.0
70°	12.9	12.9	12.9	12.9	12.9
72.5°	10.9	10.5	10.5	10.5	10.5
75°	8.8	8.5	8.5	8.5	8.5
77.5°	6.8	6.8	6.5	6.5	6.8
80°	5.1	4.8	4.8	4.8	4.8
82.5°	3.1	3.1	3.1	3.1	3.1
85°	1.7	1.7	1.7	1.7	1.7
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)