

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: P1323474

Luminaire Tested: LDSQA3D02R309030D2WDE010 3LSQPHRLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323474
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D02R309030D2WDE010 3LSQPHRLP1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,
3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

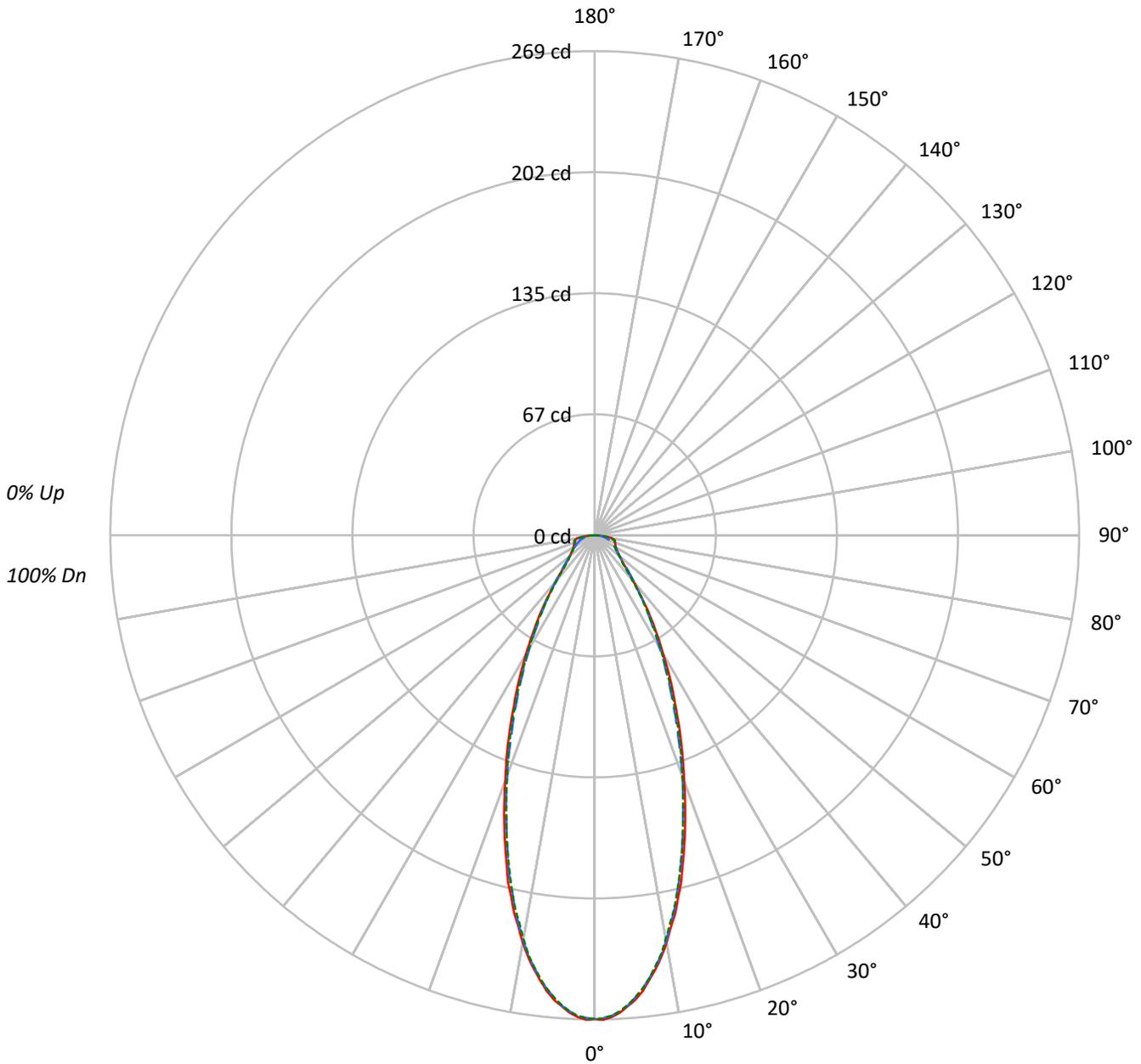
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 212.0 lumens
Efficiency: N/A
Efficacy: 29.4 lumens/watt
Spacing Criteria (0/90/45): 0.67 / 0.66 / 0.7
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 (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% Up
100% Dn

— 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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	111	107	104	101	109	105	102	99	101	99	96	97	95	93	94	92	91	89
2	104	98	92	88	102	96	91	87	92	88	85	89	86	83	86	84	81	79
3	97	89	83	78	95	88	82	77	85	80	76	83	78	75	80	77	74	72
4	92	82	76	70	90	81	75	70	79	73	69	77	72	68	75	71	67	66
5	86	76	69	64	85	75	69	64	74	68	63	72	67	63	70	66	62	61
6	82	71	64	59	80	70	64	59	69	63	59	67	62	58	66	61	58	56
7	77	67	60	55	76	66	60	55	65	59	55	63	58	54	62	57	54	52
8	74	63	56	51	72	62	56	51	61	55	51	60	55	51	59	54	51	49
9	70	59	53	48	69	59	52	48	58	52	48	57	51	48	56	51	48	46
10	67	56	50	45	66	56	49	45	55	49	45	54	49	45	53	48	45	43

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	46293	46293	46293
5°	44793	44569	44569
10°	40205	39977	39803
15°	33698	33163	33110
20°	26593	26062	26062
25°	20352	19554	19934
30°	15114	14338	14656
35°	10912	10449	10512
40°	7509	7666	7307
45°	5626	5845	5383
50°	4876	4796	4796
55°	4594	4384	4474
60°	4684	4374	4581
65°	5175	4360	5012
70°	6043	4431	5891
75°	7785	4724	7586
80°	9620	5157	9025
85°	7707	5138	7114

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 9620 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.7	11.2
10°-20°	51.5	24.3
20°-30°	48.0	22.7
30°-40°	31.9	15.0
40°-50°	18.6	8.8
50°-60°	13.5	6.4
60°-70°	11.4	5.4
70°-80°	9.5	4.5
80°-90°	3.9	1.8
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°	123.3	58.2
0°-40°	155.1	73.2
0°-60°	187.2	88.3
0°-90°	212.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	212.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	269	269	269	269	269	
5°	259	259	258	258	258	24
15°	189	187	186	186	186	52
25°	107	105	103	103	105	49
35°	52	51	50	50	50	33
45°	23	23	24	23	22	18
55°	15	15	15	15	15	14
65°	13	11	11	11	12	13
75°	12	9	7	9	11	12
85°	4	4	3	4	4	4
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	268.8	268.8	268.8	268.8	268.8
1°	269.2	268.8	268.2	268.5	268.5
2°	267.9	267.5	267.2	267.2	267.2
3°	265.6	265.3	264.9	264.9	264.9
4°	262.3	262.0	262.0	261.7	261.7
5°	259.1	258.8	257.8	257.8	257.8
6°	254.6	254.2	253.6	253.3	253.3
7°	249.0	249.0	248.1	247.7	248.1
8°	243.2	242.9	242.2	241.9	241.9
9°	237.0	236.0	236.0	235.1	235.7
10°	229.9	229.2	228.6	227.9	227.6
11°	221.8	221.4	220.5	219.8	219.5
12°	214.9	213.3	212.7	211.7	212.3
13°	206.2	205.2	203.6	203.3	203.6
14°	198.7	196.8	195.5	194.8	194.5
15°	189.0	187.0	186.0	185.7	185.7
17.5°	167.2	165.9	163.3	163.3	163.3
20°	145.1	143.8	142.2	141.9	142.2
22.5°	126.0	123.7	121.1	121.4	123.4
25°	107.1	105.2	102.9	103.2	104.9
27.5°	91.2	88.6	86.4	87.0	88.0
30°	76.0	74.4	72.1	72.7	73.7
32.5°	63.0	62.0	59.4	60.1	61.0
35°	51.9	51.0	49.7	50.0	50.0
37.5°	41.6	41.6	41.2	40.9	40.6
40°	33.4	34.1	34.1	33.1	32.5
42.5°	27.3	27.9	28.6	27.3	26.3
45°	23.1	23.4	24.0	22.7	22.1
47.5°	20.1	20.1	20.8	19.8	19.5
50°	18.2	18.2	17.9	17.5	17.9
52.5°	16.6	16.2	15.9	16.2	16.2
55°	15.3	14.9	14.6	14.9	14.9
57.5°	14.3	14.0	13.6	13.6	14.0
60°	13.6	13.0	12.7	13.0	13.3
62.5°	13.0	12.0	11.7	12.0	12.7
65°	12.7	11.4	10.7	11.4	12.3
67.5°	12.3	10.7	9.7	10.7	12.0
70°	12.0	10.1	8.8	10.1	11.7
72.5°	11.7	9.4	8.1	9.4	11.7
75°	11.7	8.8	7.1	8.8	11.4
77.5°	11.0	8.1	6.2	8.1	10.7
80°	9.7	7.5	5.2	7.1	9.1
82.5°	7.1	6.5	3.9	6.2	6.8
85°	3.9	4.5	2.6	4.2	3.6
87.5°	0.6	1.0	0.6	1.9	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)