

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: P1323765

Luminaire Tested: LDSQA3D09R309030D2WDE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323765
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: LDSQA3D09R309030D2WDE010 3LSQPHRLD1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,
3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

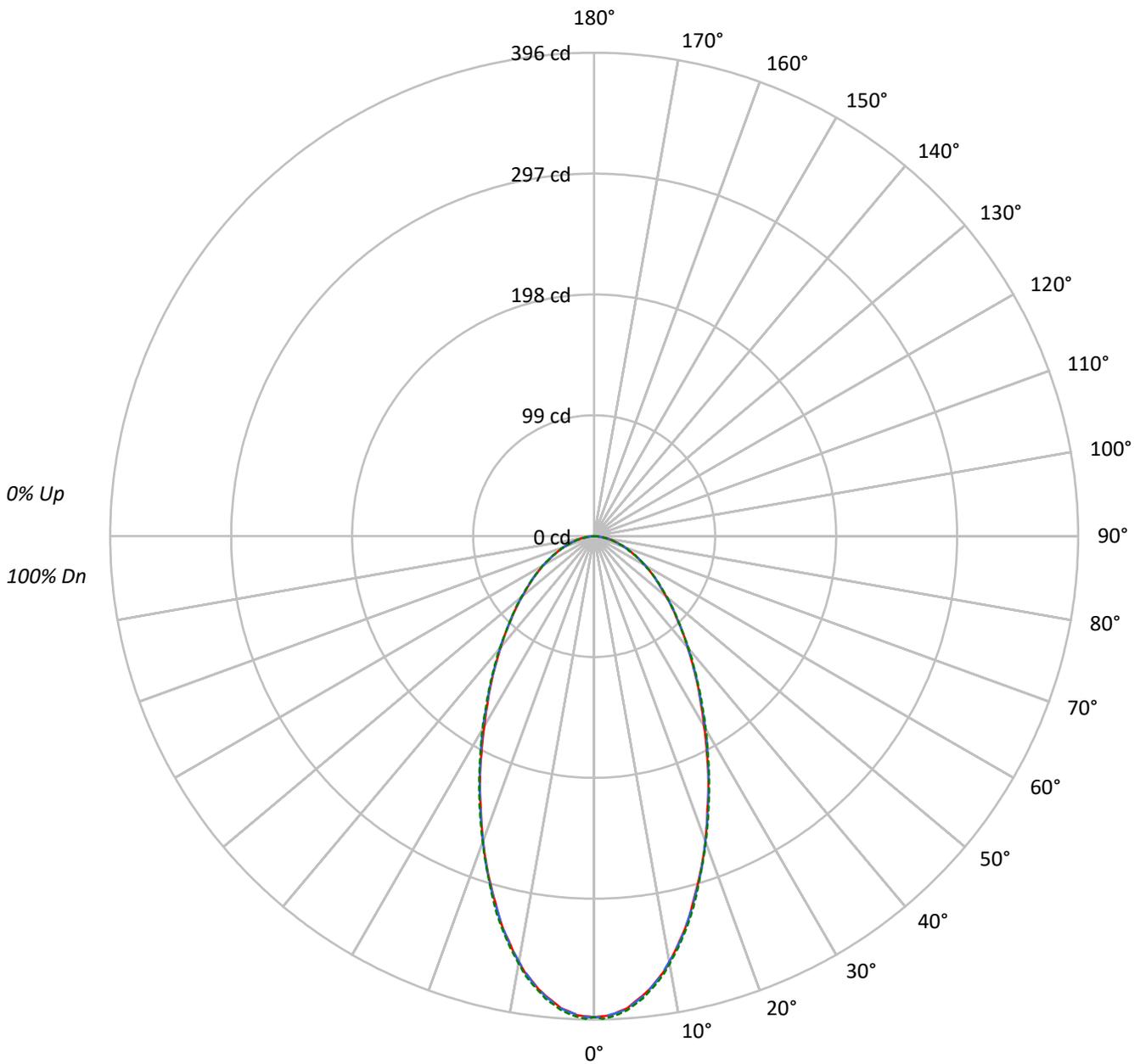
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 506.0 lumens
Efficiency: N/A
Efficacy: 34.4 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): 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	102	102	100
1	111	107	103	100	108	105	102	99	101	98	96	97	95	93	93	92	90	90	90	88
2	103	96	90	85	100	94	89	84	91	86	83	87	84	81	85	82	79	79	79	77
3	95	86	80	74	93	85	79	73	82	77	72	79	75	71	77	73	70	70	70	68
4	89	78	71	65	86	77	70	65	75	69	64	73	67	63	71	66	62	62	62	60
5	83	72	64	58	81	71	63	58	69	62	57	67	61	57	65	60	56	56	56	54
6	77	66	58	52	76	65	58	52	63	57	52	62	56	51	60	55	51	51	51	49
7	72	61	53	48	71	60	53	47	58	52	47	57	51	47	56	51	47	47	47	45
8	68	56	49	44	67	56	48	43	54	48	43	53	47	43	52	47	43	43	43	41
9	64	52	45	40	63	52	45	40	51	44	40	50	44	40	49	43	40	40	40	38
10	61	49	42	37	60	48	42	37	48	41	37	47	41	37	46	41	37	37	37	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	67873	67873	67873
5°	66196	66317	66559
10°	61942	61942	62187
15°	55540	55665	56039
20°	48751	48751	48880
25°	42034	42034	42300
30°	35776	36194	36333
35°	30906	31053	31200
40°	26754	26911	27068
45°	23357	23528	23528
50°	20631	20631	20818
55°	18496	18496	18496
60°	16637	16637	16637
65°	14833	14833	14833
70°	13394	13394	13394
75°	12111	11645	11645
80°	10414	9720	9720
85°	6916	6916	6916

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 22.5°
 Vertical Angle: 45°
 Luminance: 23528 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.7	7.1
10°-20°	87.0	17.2
20°-30°	101.6	20.1
30°-40°	92.5	18.3
40°-50°	74.7	14.8
50°-60°	55.2	10.9
60°-70°	36.3	7.2
70°-80°	18.8	3.7
80°-90°	4.3	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°	224.3	44.3
0°-40°	316.8	62.6
0°-60°	446.7	88.3
0°-90°	506.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	506.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	394	394	394	394	394	
5°	383	383	384	384	385	36
15°	312	312	312	312	314	87
25°	221	220	221	221	223	101
35°	147	146	148	148	148	92
45°	96	97	97	97	97	75
55°	62	61	62	61	62	55
65°	36	36	36	36	36	36
75°	18	18	18	18	18	19
85°	4	4	4	4	4	4
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	394.1	394.1	394.1	394.1	394.1
1°	393.4	393.4	394.1	393.4	395.5
2°	392.7	392.0	392.0	392.0	394.1
3°	389.9	389.9	390.6	389.9	392.0
4°	387.8	387.1	387.8	387.1	389.2
5°	382.9	382.9	383.6	383.6	385.0
6°	378.7	378.7	379.4	378.7	380.8
7°	373.8	373.8	373.8	373.8	375.2
8°	367.5	367.5	368.2	368.2	369.6
9°	361.9	361.2	361.2	361.2	363.3
10°	354.2	354.2	354.2	354.2	355.6
11°	346.5	346.5	346.5	346.5	347.9
12°	338.1	338.1	338.8	338.1	340.2
13°	330.4	330.4	330.4	330.4	331.8
14°	321.3	320.6	321.3	321.3	323.4
15°	311.5	312.2	312.2	312.2	314.3
17.5°	289.1	289.1	289.8	288.4	289.8
20°	266.0	265.3	266.0	266.0	266.7
22.5°	242.2	242.9	242.9	242.9	244.3
25°	221.2	220.5	221.2	221.2	222.6
27.5°	199.5	200.2	200.9	200.2	201.6
30°	179.9	181.3	182.0	180.6	182.7
32.5°	162.4	162.4	163.1	163.8	164.5
35°	147.0	146.3	147.7	147.7	148.4
37.5°	132.3	132.3	132.3	133.0	133.7
40°	119.0	119.0	119.7	119.7	120.4
42.5°	107.1	106.4	107.1	107.1	107.1
45°	95.9	96.6	96.6	96.6	96.6
47.5°	86.1	86.1	86.8	86.1	86.8
50°	77.0	77.0	77.0	77.0	77.7
52.5°	68.6	68.6	68.6	68.6	69.3
55°	61.6	60.9	61.6	60.9	61.6
57.5°	54.6	54.6	54.6	54.6	54.6
60°	48.3	47.6	48.3	47.6	48.3
62.5°	42.0	42.0	42.0	42.0	42.0
65°	36.4	36.4	36.4	36.4	36.4
67.5°	31.5	31.5	31.5	30.8	30.8
70°	26.6	26.6	26.6	26.6	26.6
72.5°	22.4	21.7	21.7	21.7	21.7
75°	18.2	17.5	17.5	17.5	17.5
77.5°	14.0	14.0	13.3	13.3	14.0
80°	10.5	9.8	9.8	9.8	9.8
82.5°	6.3	6.3	6.3	6.3	6.3
85°	3.5	3.5	3.5	3.5	3.5
87.5°	0.7	0.7	0.7	1.4	1.4



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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)