

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: P1323748

Luminaire Tested: LDSQA3D09R259030D2WDE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323748
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R259030D2WDE010 3LSQPHRLD1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

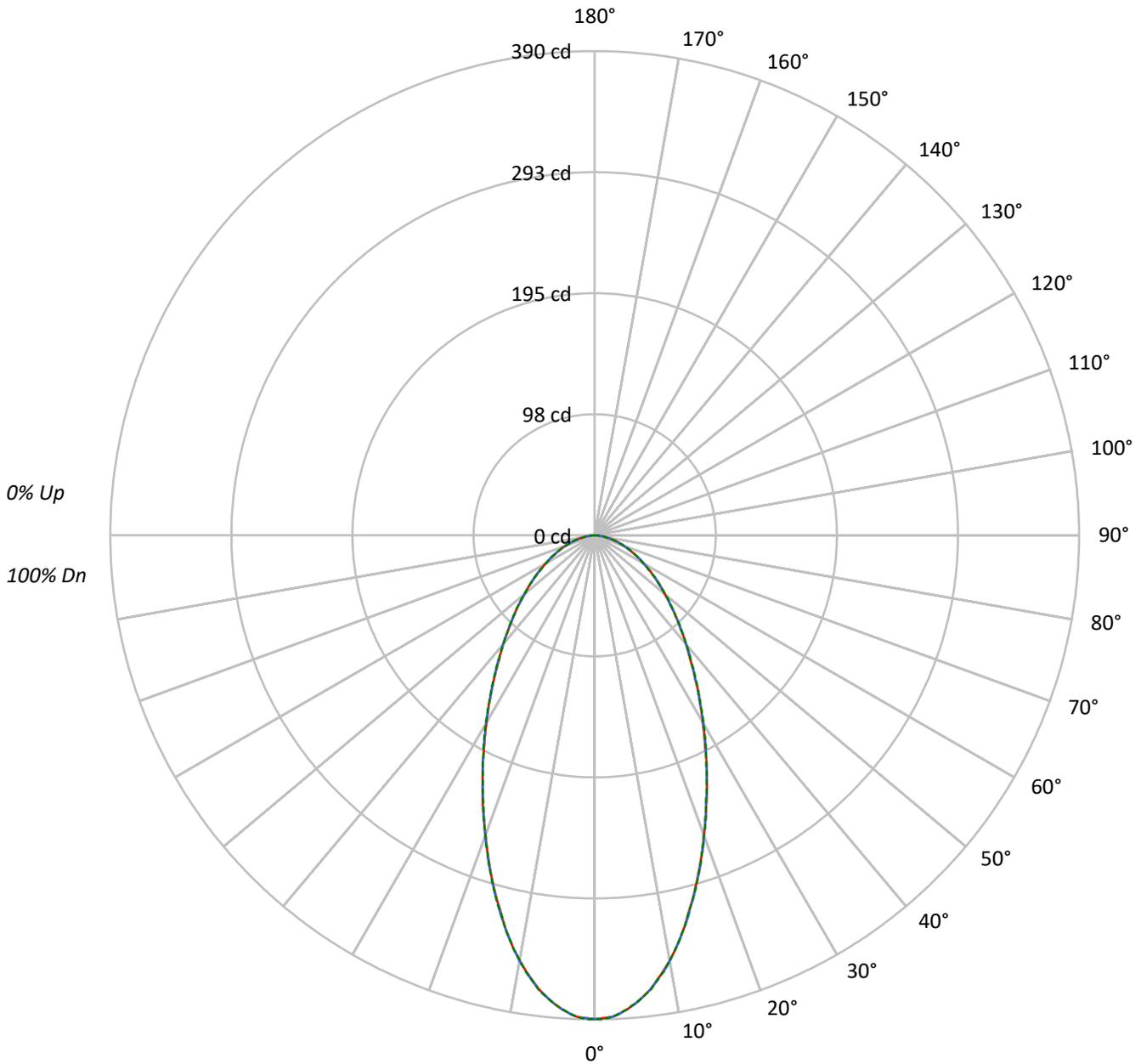
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 487.9 lumens
Efficiency: N/A
Efficacy: 33.2 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.89
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

TEST NUMBER: P1323748
CATALOG NUMBER: LDSQA3D09R259030D2WDE010 3LSQPHRLD1MW

Luminous Intensity Polar Plot



0% Up
100% Dn

— 0°-180° - - 45°-225° - · - · 90°-270°



TEST NUMBER: P1323748

CATALOG NUMBER: LDSQA3D09R259030D2WDE010 3LSQPHRLD1MW

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	100	108	105	102	99	101	98	96	97	95	93	93	92	90	88
2	103	96	90	86	100	94	89	85	91	86	83	88	84	81	85	82	79	77
3	95	87	80	74	93	85	79	74	82	77	72	80	75	71	77	73	70	68
4	89	79	71	65	87	77	70	65	75	69	64	73	68	63	71	66	63	61
5	83	72	64	58	81	71	64	58	69	62	58	67	61	57	65	60	56	55
6	77	66	58	53	76	65	58	52	63	57	52	62	56	52	60	55	51	49
7	73	61	53	48	71	60	53	48	59	52	47	57	51	47	56	51	47	45
8	68	56	49	44	67	56	49	44	55	48	44	53	48	43	52	47	43	41
9	64	53	45	40	63	52	45	40	51	45	40	50	44	40	49	44	40	38
10	61	49	42	37	60	49	42	37	48	42	37	47	41	37	46	41	37	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	67132	67132	67132
5°	65418	65418	65418
10°	60788	60911	60788
15°	54220	54327	54327
20°	47138	47248	47138
25°	40590	40476	40476
30°	34622	34762	34901
35°	29708	29708	29855
40°	25742	25742	25742
45°	22505	22505	22505
50°	19747	19747	19907
55°	17685	17685	17685
60°	15672	15672	15672
65°	14181	14181	14181
70°	12790	12488	12790
75°	11578	11112	11112
80°	9323	9323	9323
85°	6521	6521	6521

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 22505 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.2	7.2
10°-20°	84.8	17.4
20°-30°	98.1	20.1
30°-40°	88.9	18.2
40°-50°	71.6	14.7
50°-60°	52.7	10.8
60°-70°	34.7	7.1
70°-80°	17.9	3.7
80°-90°	4.0	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°	218.0	44.7
0°-40°	306.9	62.9
0°-60°	431.3	88.4
0°-90°	487.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	487.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	390	390	390	390	390	
5°	378	380	378	378	378	35
15°	304	305	305	304	305	85
25°	214	213	213	214	213	98
35°	141	141	141	141	142	89
45°	92	92	92	92	92	72
55°	59	59	59	58	59	53
65°	35	35	35	35	35	35
75°	17	17	17	17	17	18
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°	389.8	389.8	389.8	389.8	389.8
1°	389.1	390.5	389.1	389.1	389.8
2°	388.4	389.1	388.4	388.4	388.4
3°	385.8	387.1	385.8	385.8	385.8
4°	382.4	383.8	382.4	382.4	382.4
5°	378.4	379.7	378.4	378.4	378.4
6°	373.7	374.4	373.7	373.7	373.7
7°	368.4	369.0	368.4	368.4	369.0
8°	361.7	362.3	362.3	361.7	361.7
9°	355.0	355.6	355.6	355.0	355.6
10°	347.6	348.3	348.3	347.6	347.6
11°	340.2	340.9	339.6	339.6	340.2
12°	331.5	332.2	331.5	331.5	331.5
13°	322.8	322.8	322.8	322.8	322.8
14°	312.8	314.1	314.1	313.4	312.8
15°	304.1	304.7	304.7	304.1	304.7
17.5°	280.6	282.0	281.3	281.3	281.3
20°	257.2	257.8	257.8	257.2	257.2
22.5°	235.1	234.4	234.4	234.4	234.4
25°	213.6	213.0	213.0	213.6	213.0
27.5°	192.9	193.6	193.6	192.9	193.6
30°	174.1	174.1	174.8	174.1	175.5
32.5°	157.4	157.4	156.7	157.4	157.4
35°	141.3	141.3	141.3	141.3	142.0
37.5°	126.6	127.2	127.9	127.9	127.2
40°	114.5	114.5	114.5	114.5	114.5
42.5°	102.5	102.5	103.1	103.1	103.1
45°	92.4	92.4	92.4	92.4	92.4
47.5°	83.0	83.0	82.4	82.4	83.0
50°	73.7	74.3	73.7	73.7	74.3
52.5°	66.3	65.6	65.6	66.3	66.3
55°	58.9	58.9	58.9	58.3	58.9
57.5°	52.2	52.2	51.6	51.6	51.6
60°	45.5	45.5	45.5	45.5	45.5
62.5°	40.2	40.2	40.2	40.2	40.2
65°	34.8	34.8	34.8	34.8	34.8
67.5°	30.1	30.1	30.1	30.1	29.5
70°	25.4	25.4	24.8	24.8	25.4
72.5°	20.8	20.8	20.8	20.8	20.8
75°	17.4	16.7	16.7	16.7	16.7
77.5°	13.4	13.4	12.7	13.4	12.7
80°	9.4	9.4	9.4	9.4	9.4
82.5°	6.7	6.0	6.0	6.0	6.0
85°	3.3	3.3	3.3	3.3	3.3
87.5°	0.7	0.7	0.7	0.7	1.3



TEST NUMBER: P1323748
CATALOG NUMBER: LDSQA3D09R259030D2WDE010 3LSQPHRLD1MW

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)