

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: P1323766

Luminaire Tested: LDSQA3D09R309030D2WDE010 3LSQPHRLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323766
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: LDSQA3D09R309030D2WDE010 3LSQPHRLP1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,
3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

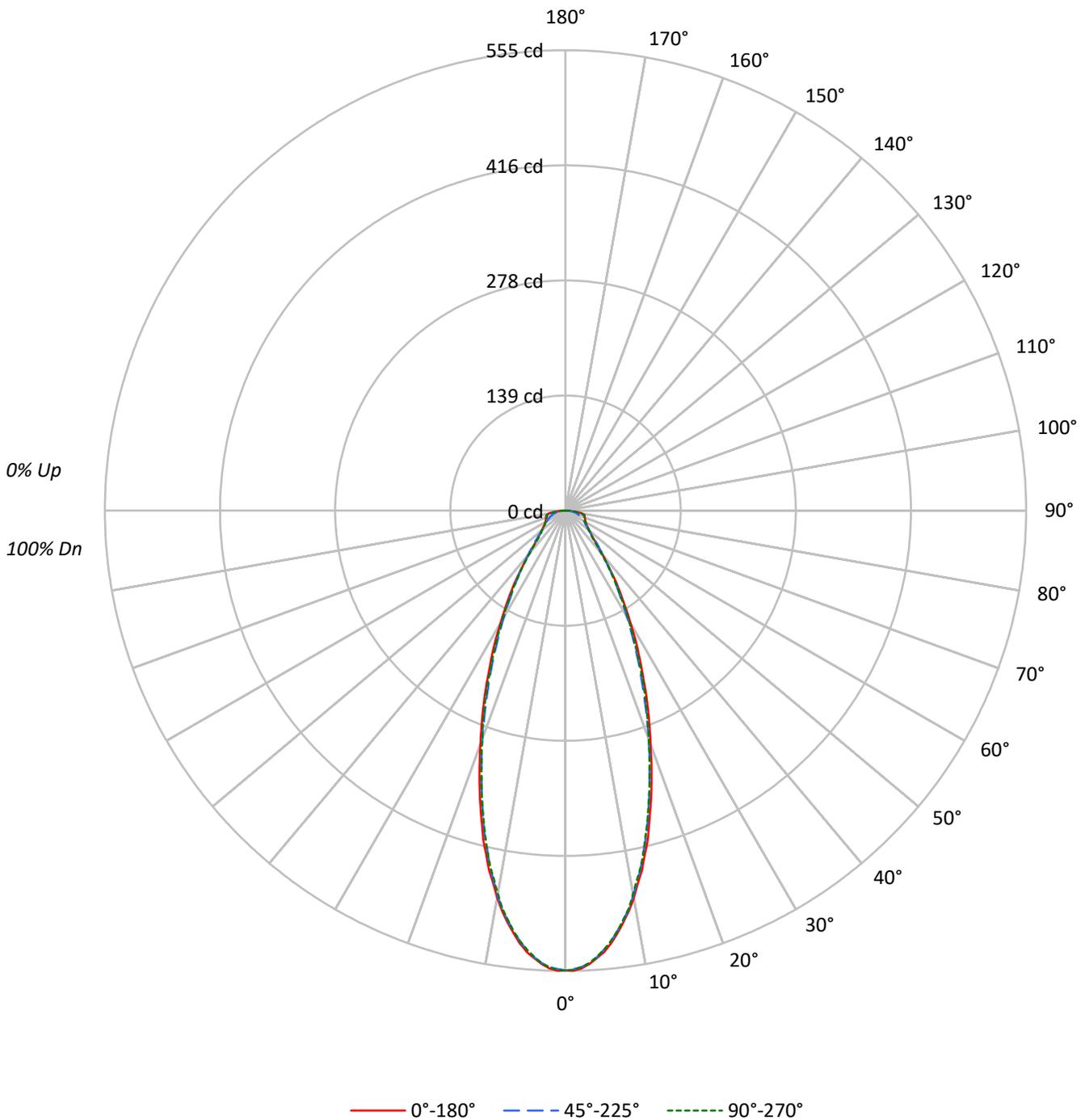
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 437.0 lumens
Efficiency: N/A
Efficacy: 29.7 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): 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





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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°	95446	95446	95446
5°	92335	91869	91869
10°	82858	82403	82053
15°	69447	68377	68252
20°	54836	53718	53718
25°	41977	40324	41084
30°	31142	29551	30208
35°	22517	21529	21676
40°	15490	15805	15041
45°	11569	12056	11082
50°	10047	9860	9860
55°	9458	9038	9248
60°	9679	8990	9438
65°	10636	9006	10351
70°	12488	9114	12135
75°	16037	9782	15571
80°	19935	10612	18546
85°	15808	10671	14623

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 19935 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.9	11.2
10°-20°	106.3	24.3
20°-30°	99.0	22.7
30°-40°	65.7	15.0
40°-50°	38.2	8.8
50°-60°	27.8	6.4
60°-70°	23.5	5.4
70°-80°	19.5	4.5
80°-90°	8.1	1.9
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°	254.1	58.1
0°-40°	319.8	73.2
0°-60°	385.9	88.3
0°-90°	437.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	437.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	554	554	554	554	554	
5°	534	533	531	531	531	49
15°	390	386	384	383	383	108
25°	221	217	212	213	216	102
35°	107	105	102	103	103	67
45°	48	48	50	47	46	38
55°	32	31	30	31	31	29
65°	26	23	22	23	25	26
75°	24	18	15	18	23	25
85°	8	9	5	9	7	9
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	554.2	554.2	554.2	554.2	554.2
1°	554.8	554.2	552.8	553.5	553.5
2°	552.2	551.5	550.8	550.8	550.8
3°	547.5	546.8	546.1	546.1	546.1
4°	540.8	540.1	540.1	539.4	539.4
5°	534.1	533.4	531.4	531.4	531.4
6°	524.7	524.0	522.7	522.0	522.0
7°	513.3	513.3	511.3	510.7	511.3
8°	501.3	500.6	499.3	498.6	498.6
9°	488.6	486.6	486.6	484.6	485.9
10°	473.8	472.5	471.2	469.8	469.2
11°	457.1	456.4	454.4	453.1	452.4
12°	443.1	439.7	438.4	436.4	437.7
13°	425.0	423.0	419.6	419.0	419.6
14°	409.6	405.6	402.9	401.6	400.9
15°	389.5	385.5	383.5	382.8	382.8
17.5°	344.7	342.0	336.6	336.6	336.6
20°	299.2	296.5	293.1	292.5	293.1
22.5°	259.7	255.0	249.6	250.3	254.3
25°	220.9	216.8	212.2	212.8	216.2
27.5°	188.1	182.7	178.0	179.4	181.4
30°	156.6	153.3	148.6	149.9	151.9
32.5°	129.8	127.8	122.5	123.8	125.8
35°	107.1	105.1	102.4	103.1	103.1
37.5°	85.7	85.7	85.0	84.3	83.7
40°	68.9	70.3	70.3	68.3	66.9
42.5°	56.2	57.6	58.9	56.2	54.2
45°	47.5	48.2	49.5	46.8	45.5
47.5°	41.5	41.5	42.8	40.8	40.2
50°	37.5	37.5	36.8	36.1	36.8
52.5°	34.1	33.5	32.8	33.5	33.5
55°	31.5	30.8	30.1	30.8	30.8
57.5°	29.4	28.8	28.1	28.1	28.8
60°	28.1	26.8	26.1	26.8	27.4
62.5°	26.8	24.8	24.1	24.8	26.1
65°	26.1	23.4	22.1	23.4	25.4
67.5°	25.4	22.1	20.1	22.1	24.8
70°	24.8	20.7	18.1	20.7	24.1
72.5°	24.1	19.4	16.7	19.4	24.1
75°	24.1	18.1	14.7	18.1	23.4
77.5°	22.8	16.7	12.7	16.7	22.1
80°	20.1	15.4	10.7	14.7	18.7
82.5°	14.7	13.4	8.0	12.7	14.1
85°	8.0	9.4	5.4	8.7	7.4
87.5°	1.3	2.0	1.3	4.0	2.7



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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)