

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: P1324040

Luminaire Tested: LDSQA3D17R259030D2WDE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324040
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: LDSQA3D17R259030D2WDE010 3LSQPHRLD1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

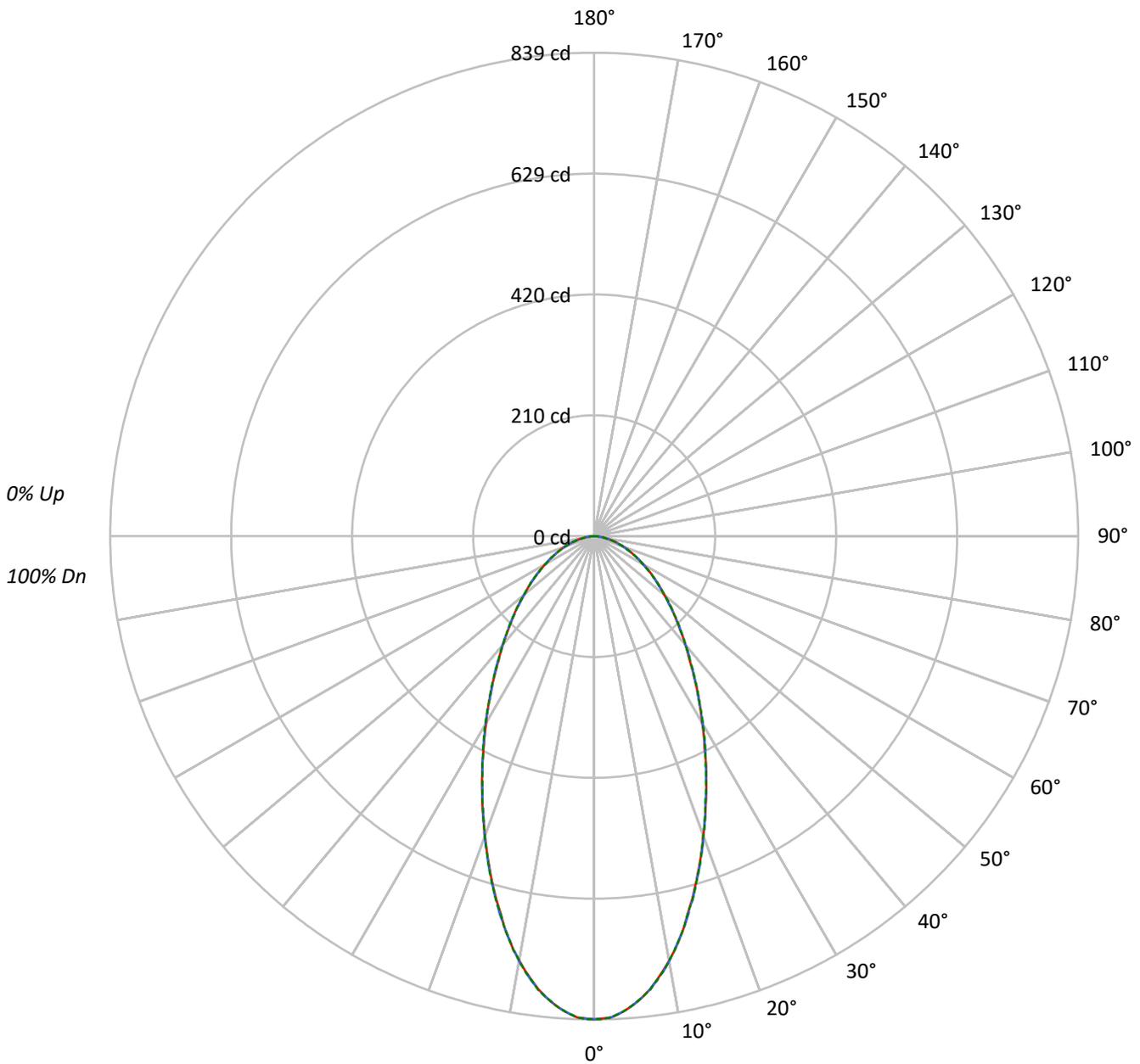
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1050.0 lumens
Efficiency: N/A
Efficacy: 38.5 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): 27.3
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	104	100	108	105	102	99	101	98	96	97	95	93	93	92	90	90	90	88
2	103	96	90	86	100	94	89	85	91	86	83	88	84	81	85	82	79	79	79	77
3	95	87	80	74	93	85	79	74	82	77	72	80	75	71	77	73	70	70	70	68
4	89	79	71	65	87	77	70	65	75	69	64	73	68	63	71	66	63	63	63	61
5	83	72	64	58	81	71	64	58	69	62	58	67	61	57	65	60	56	56	56	55
6	77	66	58	53	76	65	58	52	63	57	52	62	56	52	60	55	51	51	51	49
7	73	61	53	48	71	60	53	48	59	52	47	57	51	47	56	51	47	47	47	45
8	68	56	49	44	67	56	49	44	55	48	44	53	48	43	52	47	43	43	43	41
9	64	53	45	40	63	52	45	40	51	45	40	50	44	40	49	44	40	40	40	38
10	61	49	42	37	60	49	42	37	48	42	37	47	41	37	46	41	37	37	37	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	144443	144443	144443
5°	140759	140759	140759
10°	130792	131037	130792
15°	116643	116910	116910
20°	101425	101681	101425
25°	87355	87070	87070
30°	74515	74793	75072
35°	63936	63936	64230
40°	55396	55396	55396
45°	48444	48444	48444
50°	42467	42467	42869
55°	38073	38073	38073
60°	33756	33756	33756
65°	30523	30523	30523
70°	27594	26839	27594
75°	24953	23955	23955
80°	20034	20034	20034
85°	14227	14227	14227

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 48444 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.7	7.2
10°-20°	182.5	17.4
20°-30°	211.0	20.1
30°-40°	191.2	18.2
40°-50°	154.2	14.7
50°-60°	113.5	10.8
60°-70°	74.7	7.1
70°-80°	38.6	3.7
80°-90°	8.7	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°	469.2	44.7
0°-40°	660.4	62.9
0°-60°	928.1	88.4
0°-90°	1050.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1050.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	839	839	839	839	839	
5°	814	817	814	814	814	76
15°	654	656	656	654	656	182
25°	460	458	458	460	458	211
35°	304	304	304	304	306	191
45°	199	199	199	199	199	154
55°	127	127	127	125	127	114
65°	75	75	75	75	75	75
75°	38	36	36	36	36	39
85°	7	7	7	7	7	9
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	838.7	838.7	838.7	838.7	838.7
1°	837.2	840.1	837.2	837.2	838.7
2°	835.8	837.2	835.8	835.8	835.8
3°	830.0	832.9	830.0	830.0	830.0
4°	822.8	825.7	822.8	822.8	822.8
5°	814.2	817.1	814.2	814.2	814.2
6°	804.1	805.5	804.1	804.1	804.1
7°	792.6	794.0	792.6	792.6	794.0
8°	778.2	779.6	779.6	778.2	778.2
9°	763.7	765.2	765.2	763.7	765.2
10°	747.9	749.3	749.3	747.9	747.9
11°	732.0	733.5	730.6	730.6	732.0
12°	713.3	714.7	713.3	713.3	713.3
13°	694.6	694.6	694.6	694.6	694.6
14°	673.0	675.8	675.8	674.4	673.0
15°	654.2	655.7	655.7	654.2	655.7
17.5°	603.8	606.7	605.2	605.2	605.2
20°	553.4	554.8	554.8	553.4	553.4
22.5°	505.8	504.4	504.4	504.4	504.4
25°	459.7	458.2	458.2	459.7	458.2
27.5°	415.0	416.5	416.5	415.0	416.5
30°	374.7	374.7	376.1	374.7	377.5
32.5°	338.6	338.6	337.2	338.6	338.6
35°	304.1	304.1	304.1	304.1	305.5
37.5°	272.4	273.8	275.2	275.2	273.8
40°	246.4	246.4	246.4	246.4	246.4
42.5°	220.5	220.5	221.9	221.9	221.9
45°	198.9	198.9	198.9	198.9	198.9
47.5°	178.7	178.7	177.2	177.2	178.7
50°	158.5	160.0	158.5	158.5	160.0
52.5°	142.7	141.2	141.2	142.7	142.7
55°	126.8	126.8	126.8	125.4	126.8
57.5°	112.4	112.4	111.0	111.0	111.0
60°	98.0	98.0	98.0	98.0	98.0
62.5°	86.5	86.5	86.5	86.5	86.5
65°	74.9	74.9	74.9	74.9	74.9
67.5°	64.8	64.8	64.8	64.8	63.4
70°	54.8	54.8	53.3	53.3	54.8
72.5°	44.7	44.7	44.7	44.7	44.7
75°	37.5	36.0	36.0	36.0	36.0
77.5°	28.8	28.8	27.4	28.8	27.4
80°	20.2	20.2	20.2	20.2	20.2
82.5°	14.4	13.0	13.0	13.0	13.0
85°	7.2	7.2	7.2	7.2	7.2
87.5°	1.4	1.4	1.4	1.4	2.9



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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)