

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: P1317942

Luminaire Tested: LDSQA3D02R359830DE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1317942
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D02R359830DE010 3LSQPHRLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 98CRI , 3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

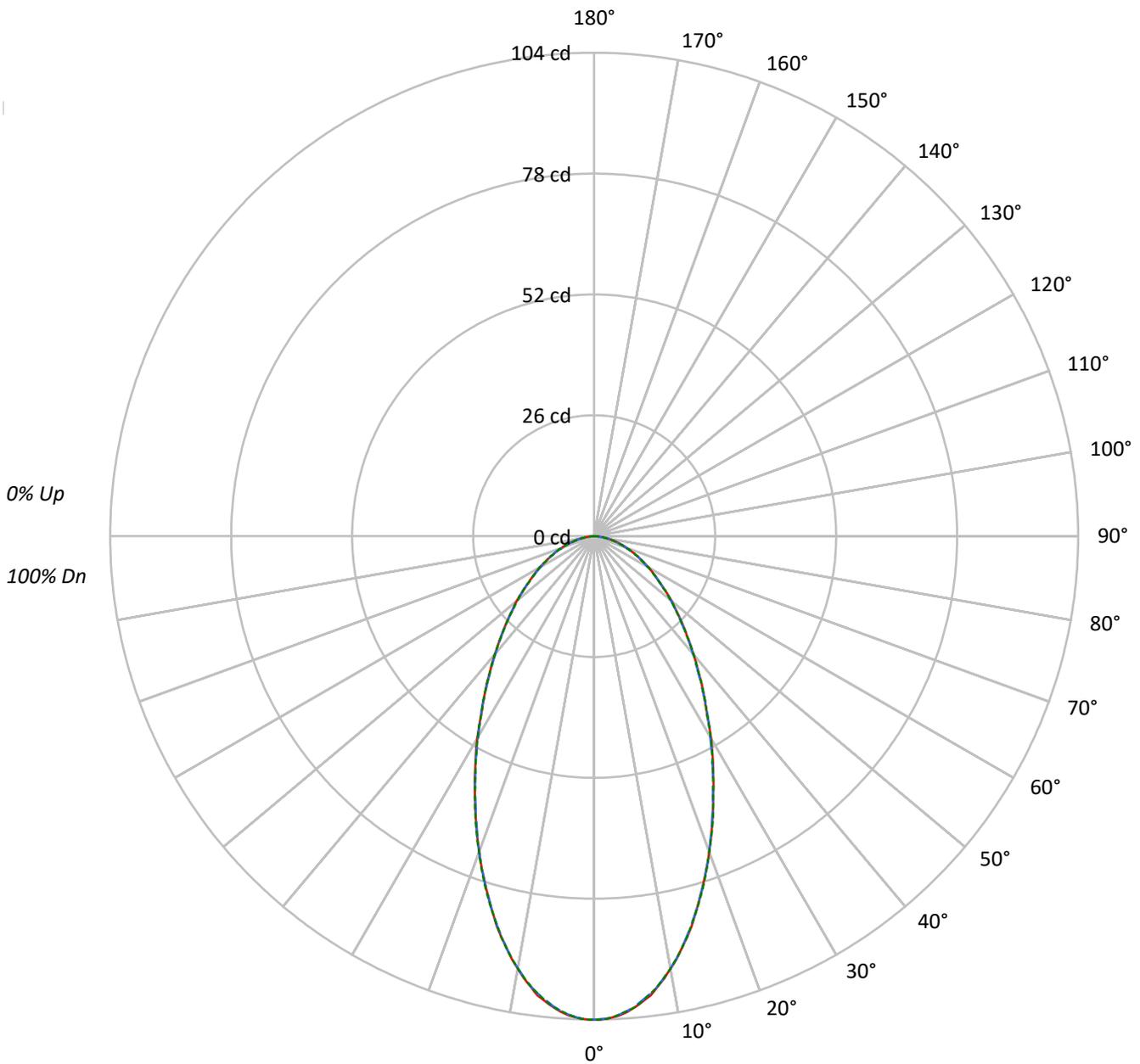
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 139.0 lumens
Efficiency: N/A
Efficacy: 38.6 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.84 / 0.92
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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% 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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100
1	111	107	103	100	108	105	101	99	100	98	95	97	95	93	93	91	90	88	88	88
2	103	96	90	85	100	94	89	84	90	86	82	87	84	81	84	81	79	77	77	77
3	95	86	79	74	93	85	78	73	82	76	72	79	75	71	77	73	70	68	68	68
4	88	78	71	65	86	77	70	64	75	68	64	72	67	63	70	66	62	60	60	60
5	82	71	64	58	80	70	63	58	68	62	57	66	61	56	65	60	56	54	54	54
6	77	65	58	52	75	64	57	52	63	56	51	61	55	51	60	55	51	49	49	49
7	72	60	53	47	71	60	52	47	58	52	47	57	51	46	55	50	46	44	44	44
8	68	56	48	43	66	55	48	43	54	47	43	53	47	43	52	46	42	41	41	41
9	64	52	45	40	63	51	44	40	50	44	39	49	44	39	48	43	39	37	37	37
10	60	49	41	37	59	48	41	37	47	41	37	46	41	36	45	40	36	35	35	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	17911	17911	17911
5°	17582	17547	17582
10°	16526	16509	16526
15°	14977	14977	14995
20°	13251	13251	13251
25°	11516	11497	11497
30°	9983	9923	9963
35°	8599	8557	8599
40°	7464	7419	7464
45°	6552	6503	6503
50°	5814	5761	5761
55°	5104	5104	5104
60°	4650	4581	4650
65°	4157	4157	4157
70°	3726	3726	3726
75°	3327	3194	3327
80°	2876	2876	2876
85°	1778	1778	1778

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 6552 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.5	6.8
10°-20°	23.4	16.8
20°-30°	27.8	20.0
30°-40°	25.6	18.4
40°-50°	20.8	14.9
50°-60°	15.4	11.0
60°-70°	10.2	7.3
70°-80°	5.3	3.8
80°-90°	1.2	0.9
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°	60.7	43.7
0°-40°	86.3	62.1
0°-60°	122.4	88.0
0°-90°	139.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	139.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	104	104	104	104	104	
5°	102	102	102	102	102	9
15°	84	84	84	84	84	23
25°	61	60	60	61	60	28
35°	41	41	41	41	41	26
45°	27	27	27	27	27	21
55°	17	17	17	17	17	15
65°	10	10	10	10	10	10
75°	5	5	5	5	5	5
85°	1	1	1	1	1	1
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	104.0	104.0	104.0	104.0	104.0
1°	104.0	103.9	103.9	103.9	104.0
2°	103.7	103.7	103.7	103.7	103.7
3°	103.3	103.1	103.1	103.1	103.1
4°	102.6	102.4	102.4	102.4	102.4
5°	101.7	101.5	101.5	101.5	101.7
6°	100.6	100.5	100.3	100.3	100.5
7°	99.6	99.2	99.2	99.2	99.2
8°	97.9	97.8	97.8	97.8	97.8
9°	96.3	96.0	96.2	96.2	96.2
10°	94.5	94.4	94.4	94.4	94.5
11°	92.7	92.6	92.6	92.4	92.6
12°	90.6	90.6	90.6	90.6	90.6
13°	88.6	88.4	88.4	88.4	88.6
14°	86.5	86.3	86.3	86.3	86.3
15°	84.0	84.0	84.0	84.0	84.1
17.5°	78.2	78.0	78.2	78.2	78.4
20°	72.3	72.1	72.3	72.3	72.3
22.5°	66.4	66.4	66.2	66.4	66.6
25°	60.6	60.5	60.5	60.6	60.5
27.5°	55.3	55.1	55.1	55.1	55.1
30°	50.2	49.9	49.9	50.1	50.1
32.5°	45.0	45.0	45.2	45.0	45.0
35°	40.9	40.7	40.7	40.9	40.9
37.5°	36.8	36.6	36.6	36.8	36.8
40°	33.2	33.2	33.0	33.2	33.2
42.5°	29.8	29.8	29.8	29.8	29.8
45°	26.9	26.7	26.7	26.7	26.7
47.5°	24.0	24.0	24.0	23.9	24.0
50°	21.7	21.5	21.5	21.5	21.5
52.5°	19.2	19.2	19.2	19.2	19.2
55°	17.0	17.0	17.0	17.0	17.0
57.5°	15.2	15.1	15.1	15.1	15.1
60°	13.5	13.5	13.3	13.5	13.5
62.5°	11.7	11.7	11.7	11.7	11.7
65°	10.2	10.2	10.2	10.2	10.2
67.5°	8.8	8.8	8.8	8.8	8.8
70°	7.4	7.4	7.4	7.4	7.4
72.5°	6.3	6.1	6.1	6.1	6.1
75°	5.0	5.0	4.8	5.0	5.0
77.5°	3.8	3.8	3.8	3.8	3.8
80°	2.9	2.9	2.9	2.7	2.9
82.5°	1.8	1.8	1.8	1.8	1.8
85°	0.9	0.9	0.9	0.9	0.9
87.5°	0.2	0.2	0.2	0.4	0.4



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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)