

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: P1317908

Luminaire Tested: LDSQA3D02R259830DE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1317908  
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: LDSQA3D02R259830DE010 3LSQPHRLD1MW  
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , 3LSQPHRLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

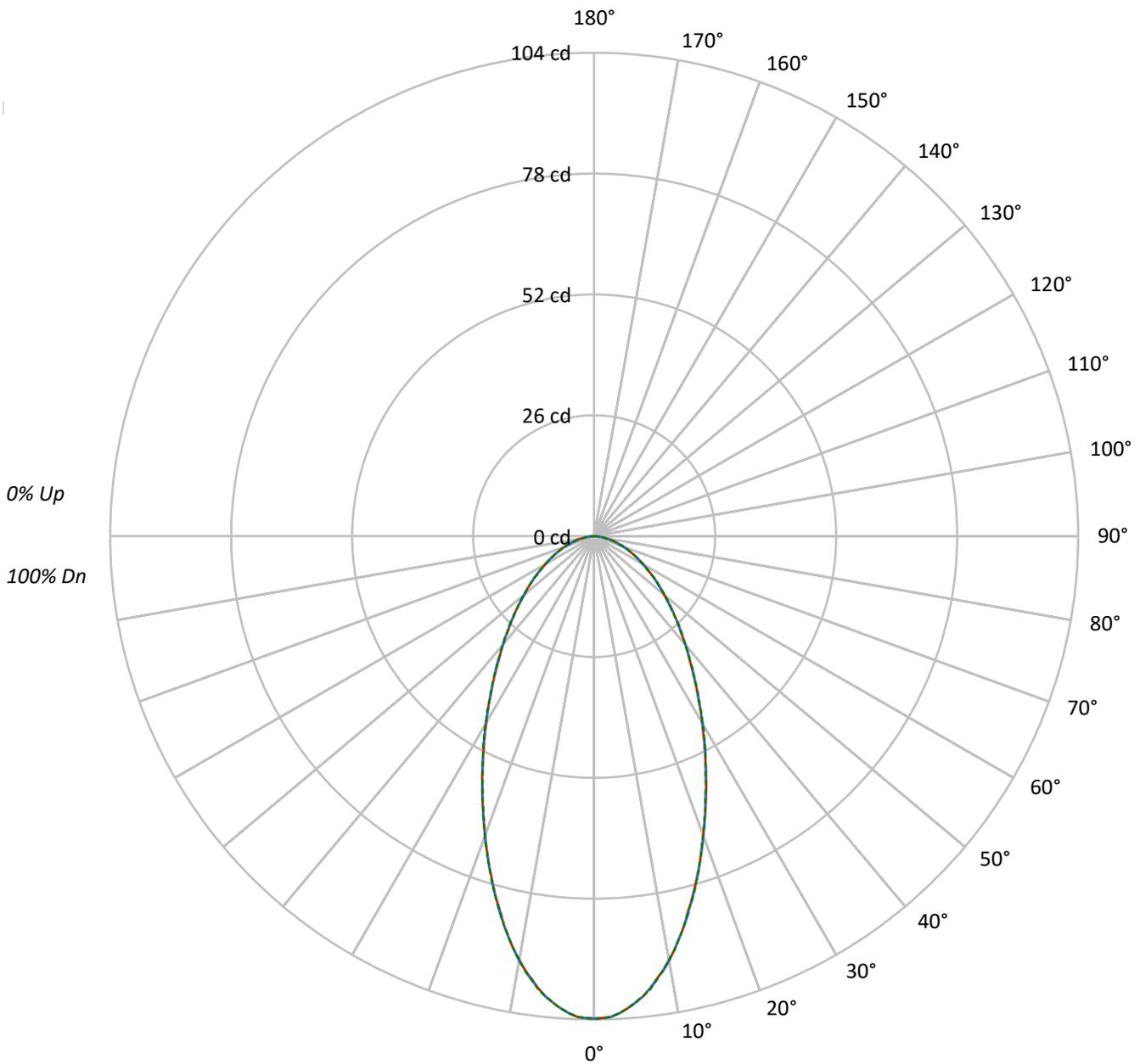
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 130.0 lumens  
Efficiency: N/A  
Efficacy: 36.1 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): 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°-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	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	111	107	103	100	108	105	102	99	101	98	96	97	95	93	93	92	90	93	92	90	88
2	103	96	90	86	100	94	89	85	91	86	83	88	84	81	85	82	79	85	82	79	77
3	95	87	80	74	93	85	79	74	82	77	72	80	75	71	77	73	70	77	73	70	68
4	89	79	71	65	87	77	70	65	75	69	64	73	68	63	71	66	63	71	66	63	61
5	83	72	64	58	81	71	63	58	69	62	58	67	61	57	65	60	56	65	60	56	55
6	77	66	58	53	76	65	58	52	63	57	52	62	56	52	60	55	51	60	55	51	49
7	73	61	53	48	71	60	53	48	59	52	47	57	51	47	56	51	47	56	51	47	45
8	68	56	49	44	67	56	49	44	55	48	44	53	48	43	52	47	43	52	47	43	41
9	64	53	45	40	63	52	45	40	51	45	40	50	44	40	49	44	40	49	44	40	38
10	61	49	42	37	60	49	42	37	48	42	37	47	41	37	46	41	37	46	41	37	35

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	17877	17877	17877
5°	17426	17426	17426
10°	16194	16229	16194
15°	14442	14478	14478
20°	12554	12591	12554
25°	10813	10775	10775
30°	9227	9267	9287
35°	7905	7905	7947
40°	6857	6857	6857
45°	5992	5992	5992
50°	5251	5251	5305
55°	4714	4714	4714
60°	4168	4168	4168
65°	3790	3790	3790
70°	3424	3323	3424
75°	3061	2994	2994
80°	2479	2479	2479
85°	1778	1778	1778

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 5992 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	9.4	7.2
10°-20°	22.6	17.4
20°-30°	26.1	20.1
30°-40°	23.7	18.2
40°-50°	19.1	14.7
50°-60°	14.0	10.8
60°-70°	9.2	7.1
70°-80°	4.8	3.7
80°-90°	1.1	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
<b>0°-30°</b>	<b>58.1</b>	<b>44.7</b>
<b>0°-40°</b>	<b>81.7</b>	<b>62.9</b>
<b>0°-60°</b>	<b>114.9</b>	<b>88.4</b>
<b>0°-90°</b>	<b>130.0</b>	<b>100.0</b>
90°-120°	0.0	0.0
90°-150°	0.0	0.0
<b>90°-180°</b>	<b>0.0</b>	<b>0.0</b>
<b>0°-180°</b>	<b>130.0</b>	<b>100.0</b>

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	104	104	104	104	104	
5°	101	101	101	101	101	9
15°	81	81	81	81	81	23
25°	57	57	57	57	57	26
35°	38	38	38	38	38	24
45°	25	25	25	25	25	19
55°	16	16	16	16	16	14
65°	9	9	9	9	9	9
75°	5	4	4	4	4	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°	103.8	103.8	103.8	103.8	103.8
1°	103.7	104.0	103.7	103.7	103.8
2°	103.5	103.7	103.5	103.5	103.5
3°	102.8	103.1	102.8	102.8	102.8
4°	101.9	102.2	101.9	101.9	101.9
5°	100.8	101.2	100.8	100.8	100.8
6°	99.6	99.7	99.6	99.6	99.6
7°	98.1	98.3	98.1	98.1	98.3
8°	96.3	96.5	96.5	96.3	96.3
9°	94.6	94.7	94.7	94.6	94.7
10°	92.6	92.8	92.8	92.6	92.6
11°	90.6	90.8	90.5	90.5	90.6
12°	88.3	88.5	88.3	88.3	88.3
13°	86.0	86.0	86.0	86.0	86.0
14°	83.3	83.7	83.7	83.5	83.3
15°	81.0	81.2	81.2	81.0	81.2
17.5°	74.8	75.1	74.9	74.9	74.9
20°	68.5	68.7	68.7	68.5	68.5
22.5°	62.6	62.4	62.4	62.4	62.4
25°	56.9	56.7	56.7	56.9	56.7
27.5°	51.4	51.6	51.6	51.4	51.6
30°	46.4	46.4	46.6	46.4	46.7
32.5°	41.9	41.9	41.7	41.9	41.9
35°	37.6	37.6	37.6	37.6	37.8
37.5°	33.7	33.9	34.1	34.1	33.9
40°	30.5	30.5	30.5	30.5	30.5
42.5°	27.3	27.3	27.5	27.5	27.5
45°	24.6	24.6	24.6	24.6	24.6
47.5°	22.1	22.1	21.9	21.9	22.1
50°	19.6	19.8	19.6	19.6	19.8
52.5°	17.7	17.5	17.5	17.7	17.7
55°	15.7	15.7	15.7	15.5	15.7
57.5°	13.9	13.9	13.7	13.7	13.7
60°	12.1	12.1	12.1	12.1	12.1
62.5°	10.7	10.7	10.7	10.7	10.7
65°	9.3	9.3	9.3	9.3	9.3
67.5°	8.0	8.0	8.0	8.0	7.9
70°	6.8	6.8	6.6	6.6	6.8
72.5°	5.5	5.5	5.5	5.5	5.5
75°	4.6	4.5	4.5	4.5	4.5
77.5°	3.6	3.6	3.4	3.6	3.4
80°	2.5	2.5	2.5	2.5	2.5
82.5°	1.8	1.6	1.6	1.6	1.6
85°	0.9	0.9	0.9	0.9	0.9
87.5°	0.2	0.2	0.2	0.2	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)