

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: P1310029

Luminaire Tested: LDSQA3D05R259035DE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1310029  
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: LDSQA3D05R259035DE010 3LSQPHRLD1MW  
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , 3LSQPHRLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

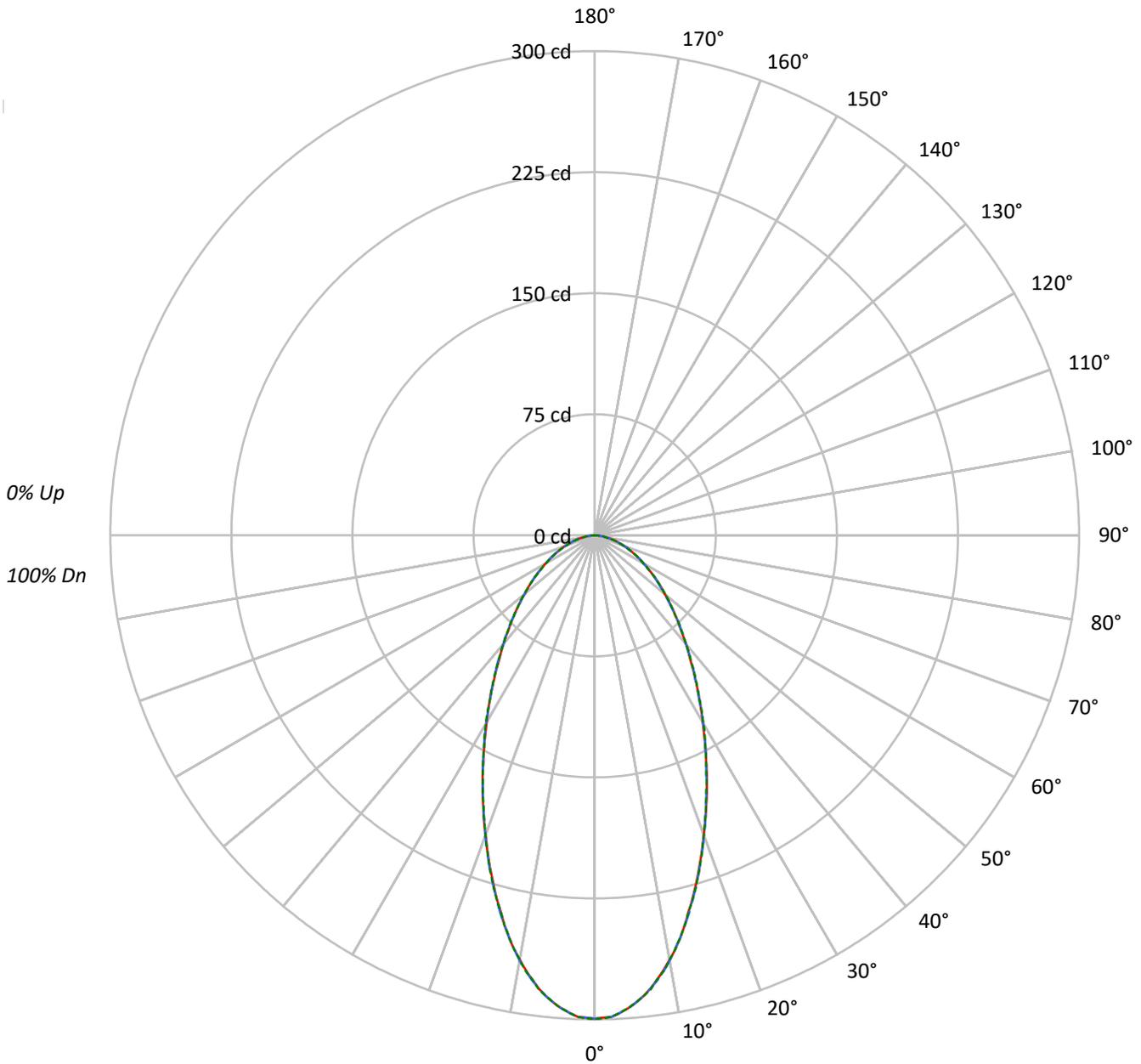
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 375.0 lumens  
Efficiency: N/A  
Efficacy: 52.1 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): 7.2  
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	104	100	108	105	102	99	101	98	96	97	95	93	93	92	90	90	90	90	88
2	103	96	90	86	100	94	89	85	91	86	83	88	84	81	85	82	79	79	79	79	77
3	95	87	80	74	93	85	79	74	82	77	72	80	75	71	77	73	70	70	70	70	68
4	89	79	71	65	87	77	70	65	75	69	64	73	68	63	71	66	63	63	63	63	61
5	83	72	64	58	81	71	63	58	69	62	58	67	61	57	65	60	56	56	56	56	55
6	77	66	58	53	76	65	58	52	63	57	52	62	56	52	60	55	51	51	51	51	49
7	73	61	53	48	71	60	53	48	59	52	47	57	51	47	56	51	47	47	47	47	45
8	68	56	49	44	67	56	49	44	55	48	44	53	48	43	52	47	43	43	43	43	41
9	64	53	45	40	63	52	45	40	51	45	40	50	44	40	49	44	40	40	40	40	38
10	61	49	42	37	60	49	42	37	48	42	37	47	41	37	46	41	37	37	37	37	35

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

	0°	45°	90°
0°	51581	51581	51581
5°	50274	50274	50274
10°	46710	46798	46710
15°	41668	41757	41757
20°	36215	36307	36215
25°	31202	31107	31107
30°	26608	26708	26807
35°	22833	22833	22938
40°	19784	19784	19784
45°	17293	17293	17293
50°	15165	15165	15299
55°	13602	13602	13602
60°	12056	12056	12056
65°	10921	10921	10921
70°	9869	9567	9869
75°	8917	8584	8584
80°	7141	7141	7141
85°	5138	5138	5138

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 17293 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	27.0	7.2
10°-20°	65.2	17.4
20°-30°	75.3	20.1
30°-40°	68.3	18.2
40°-50°	55.0	14.7
50°-60°	40.5	10.8
60°-70°	26.7	7.1
70°-80°	13.8	3.7
80°-90°	3.1	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
0°-30°	167.6	44.7
0°-40°	235.8	62.9
0°-60°	331.4	88.4
0°-90°	375.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	375.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	300	300	300	300	300	
5°	291	292	291	291	291	27
15°	234	234	234	234	234	65
25°	164	164	164	164	164	75
35°	109	109	109	109	109	68
45°	71	71	71	71	71	55
55°	45	45	45	45	45	41
65°	27	27	27	27	27	27
75°	13	13	13	13	13	14
85°	3	3	3	3	3	3
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	299.5	299.5	299.5	299.5	299.5
1°	299.0	300.0	299.0	299.0	299.5
2°	298.5	299.0	298.5	298.5	298.5
3°	296.4	297.5	296.4	296.4	296.4
4°	293.9	294.9	293.9	293.9	293.9
5°	290.8	291.8	290.8	290.8	290.8
6°	287.2	287.7	287.2	287.2	287.2
7°	283.1	283.6	283.1	283.1	283.6
8°	277.9	278.4	278.4	277.9	277.9
9°	272.8	273.3	273.3	272.8	273.3
10°	267.1	267.6	267.6	267.1	267.1
11°	261.4	262.0	260.9	260.9	261.4
12°	254.8	255.3	254.8	254.8	254.8
13°	248.1	248.1	248.1	248.1	248.1
14°	240.3	241.4	241.4	240.9	240.3
15°	233.7	234.2	234.2	233.7	234.2
17.5°	215.6	216.7	216.2	216.2	216.2
20°	197.6	198.1	198.1	197.6	197.6
22.5°	180.6	180.1	180.1	180.1	180.1
25°	164.2	163.7	163.7	164.2	163.7
27.5°	148.2	148.7	148.7	148.2	148.7
30°	133.8	133.8	134.3	133.8	134.8
32.5°	120.9	120.9	120.4	120.9	120.9
35°	108.6	108.6	108.6	108.6	109.1
37.5°	97.3	97.8	98.3	98.3	97.8
40°	88.0	88.0	88.0	88.0	88.0
42.5°	78.7	78.7	79.3	79.3	79.3
45°	71.0	71.0	71.0	71.0	71.0
47.5°	63.8	63.8	63.3	63.3	63.8
50°	56.6	57.1	56.6	56.6	57.1
52.5°	51.0	50.4	50.4	51.0	51.0
55°	45.3	45.3	45.3	44.8	45.3
57.5°	40.1	40.1	39.6	39.6	39.6
60°	35.0	35.0	35.0	35.0	35.0
62.5°	30.9	30.9	30.9	30.9	30.9
65°	26.8	26.8	26.8	26.8	26.8
67.5°	23.2	23.2	23.2	23.2	22.6
70°	19.6	19.6	19.0	19.0	19.6
72.5°	16.0	16.0	16.0	16.0	16.0
75°	13.4	12.9	12.9	12.9	12.9
77.5°	10.3	10.3	9.8	10.3	9.8
80°	7.2	7.2	7.2	7.2	7.2
82.5°	5.1	4.6	4.6	4.6	4.6
85°	2.6	2.6	2.6	2.6	2.6
87.5°	0.5	0.5	0.5	0.5	1.0



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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)