

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: P1318931

Luminaire Tested: LDSQA3D05R259835DE010 3LSQPHRLP1MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1318931  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-13)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D05R259835DE010 3LSQPHRLP1MW  
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , 3LSQPHRLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

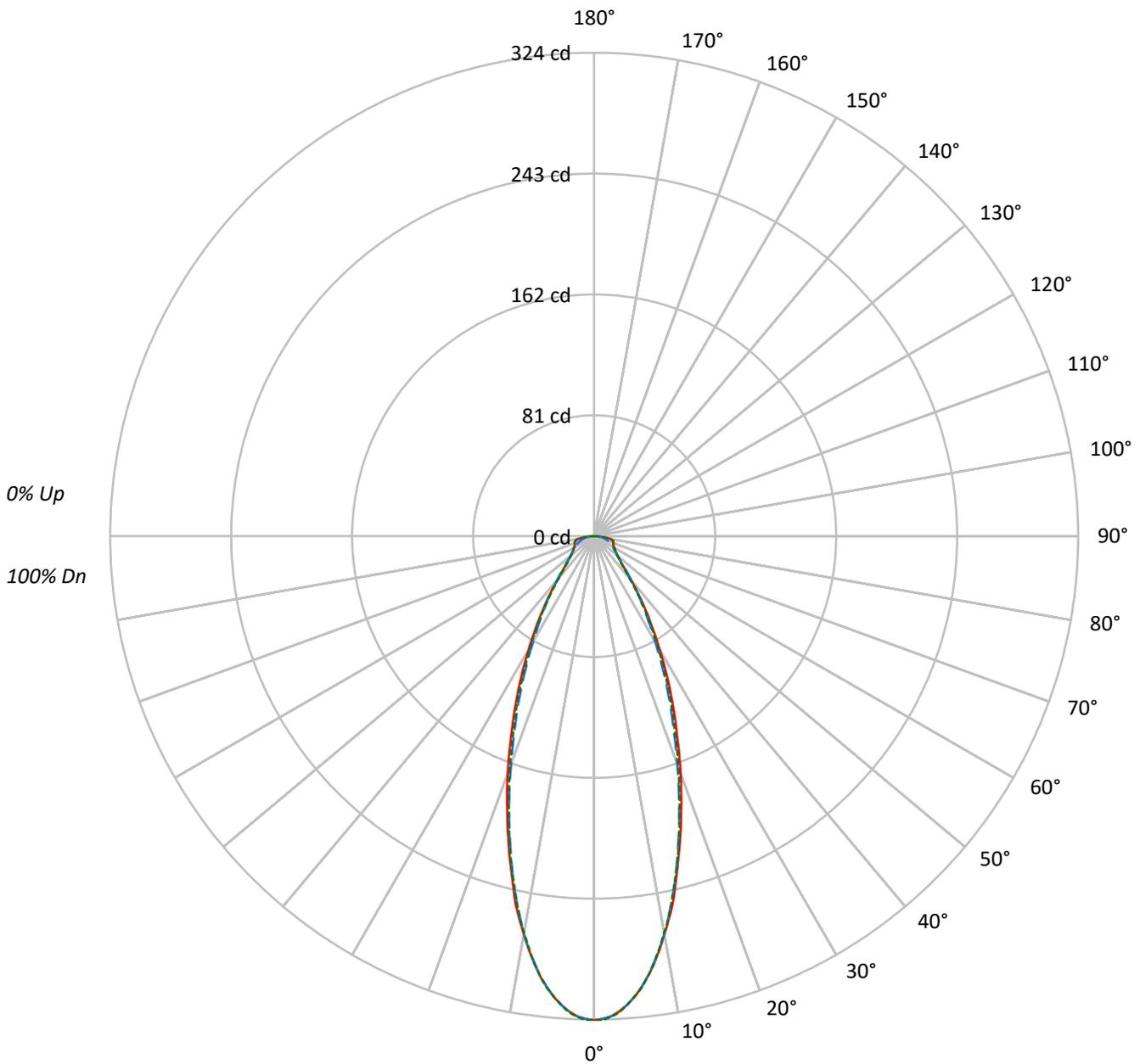
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 245.0 lumens  
Efficiency: N/A  
Efficacy: 34.0 lumens/watt  
Spacing Criteria (0/90/45): 0.65 / 0.64 / 0.68  
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
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	93	89	85	89	86	83	87	84	81	80		
3	98	90	83	78	95	88	82	78	85	80	76	83	79	75	80	77	74	72		
4	92	83	76	71	90	81	75	70	79	74	69	77	72	69	75	71	68	66		
5	87	77	70	65	85	76	69	64	74	68	64	72	67	63	70	66	63	61		
6	82	72	65	60	80	71	64	59	69	63	59	68	62	59	66	62	58	56		
7	78	67	60	55	76	66	60	55	65	59	55	64	58	55	62	58	54	53		
8	74	63	56	52	72	62	56	52	61	55	51	60	55	51	59	54	51	49		
9	70	60	53	49	69	59	53	48	58	52	48	57	52	48	56	51	48	46		
10	67	56	50	46	66	56	50	46	55	49	46	54	49	45	53	49	45	44		

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

	0°	45°	90°
0°	55869	55869	55869
5°	53610	53541	53541
10°	47392	47322	47182
15°	39136	38584	38798
20°	31010	29727	30222
25°	23620	22366	22955
30°	17401	16168	16864
35°	12447	11879	12047
40°	8521	8701	8273
45°	6308	6698	6211
50°	5493	5493	5385
55°	5225	4984	5225
60°	5339	4926	5339
65°	5827	5053	5827
70°	6999	5086	6798
75°	8784	5390	8784
80°	11108	5752	10414
85°	9090	5335	9090

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 80°  
 Luminance: 11108 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	28.3	11.6
10°-20°	60.1	24.6
20°-30°	55.1	22.5
30°-40°	36.4	14.8
40°-50°	21.1	8.6
50°-60°	15.5	6.3
60°-70°	13.1	5.4
70°-80°	10.9	4.4
80°-90°	4.5	1.8
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°	143.6	58.6
0°-40°	179.9	73.4
0°-60°	216.5	88.4
0°-90°	245.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	245.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	324	324	324	324	324	
5°	310	310	310	310	310	28
15°	220	219	216	217	218	61
25°	124	121	118	118	121	57
35°	59	58	56	56	57	37
45°	26	27	28	26	26	21
55°	17	17	17	17	17	16
65°	14	13	12	13	14	14
75°	13	10	8	10	13	14
85°	5	5	3	5	5	5
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	324.4	324.4	324.4	324.4	324.4
1°	323.6	323.6	323.6	323.6	324.4
2°	322.1	321.7	322.1	322.1	322.5
3°	319.0	319.0	319.0	319.0	319.8
4°	315.1	315.1	315.1	315.1	315.1
5°	310.1	309.7	309.7	310.1	309.7
6°	303.9	303.9	303.9	303.9	304.3
7°	296.9	296.5	296.5	296.1	296.9
8°	288.8	288.8	288.4	288.0	288.8
9°	280.3	280.7	279.9	279.5	279.5
10°	271.0	270.6	270.6	270.6	269.8
11°	261.7	260.5	260.1	260.1	260.9
12°	252.4	250.5	249.7	249.7	249.7
13°	241.2	240.4	239.2	238.5	238.8
14°	229.9	229.9	228.0	228.0	228.8
15°	219.5	218.7	216.4	217.2	217.6
17.5°	193.6	192.0	189.3	189.3	189.7
20°	169.2	166.5	162.2	164.1	164.9
22.5°	145.2	142.5	138.2	140.1	140.9
25°	124.3	120.8	117.7	118.1	120.8
27.5°	105.3	101.4	98.3	99.5	101.0
30°	87.5	85.2	81.3	83.2	84.8
32.5°	72.4	70.5	67.7	68.9	70.5
35°	59.2	58.1	56.5	56.5	57.3
37.5°	48.0	47.6	46.8	46.5	46.1
40°	37.9	38.7	38.7	37.9	36.8
42.5°	31.0	31.7	32.5	31.0	29.8
45°	25.9	26.7	27.5	25.9	25.5
47.5°	22.8	23.2	23.6	22.8	22.5
50°	20.5	20.5	20.5	20.1	20.1
52.5°	19.0	18.6	18.2	18.6	18.6
55°	17.4	17.4	16.6	17.0	17.4
57.5°	16.3	15.9	15.5	15.9	16.3
60°	15.5	14.7	14.3	14.7	15.5
62.5°	14.7	13.9	13.2	13.9	14.7
65°	14.3	13.2	12.4	13.2	14.3
67.5°	13.9	12.4	11.2	12.4	13.9
70°	13.9	11.6	10.1	11.6	13.5
72.5°	13.5	10.8	9.3	10.8	13.5
75°	13.2	10.1	8.1	10.1	13.2
77.5°	12.8	9.3	7.0	9.3	12.4
80°	11.2	8.5	5.8	8.5	10.5
82.5°	8.1	7.0	4.6	7.0	7.7
85°	4.6	5.0	2.7	5.0	4.6
87.5°	0.8	1.2	0.8	1.9	1.5



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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)