

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: P1308912

Luminaire Tested: LDSQA3D05R259030DE010 3LSQPHRLP1MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1308912  
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: LDSQA3D05R259030DE010 3LSQPHRLP1MW  
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , 3LSQPHRLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

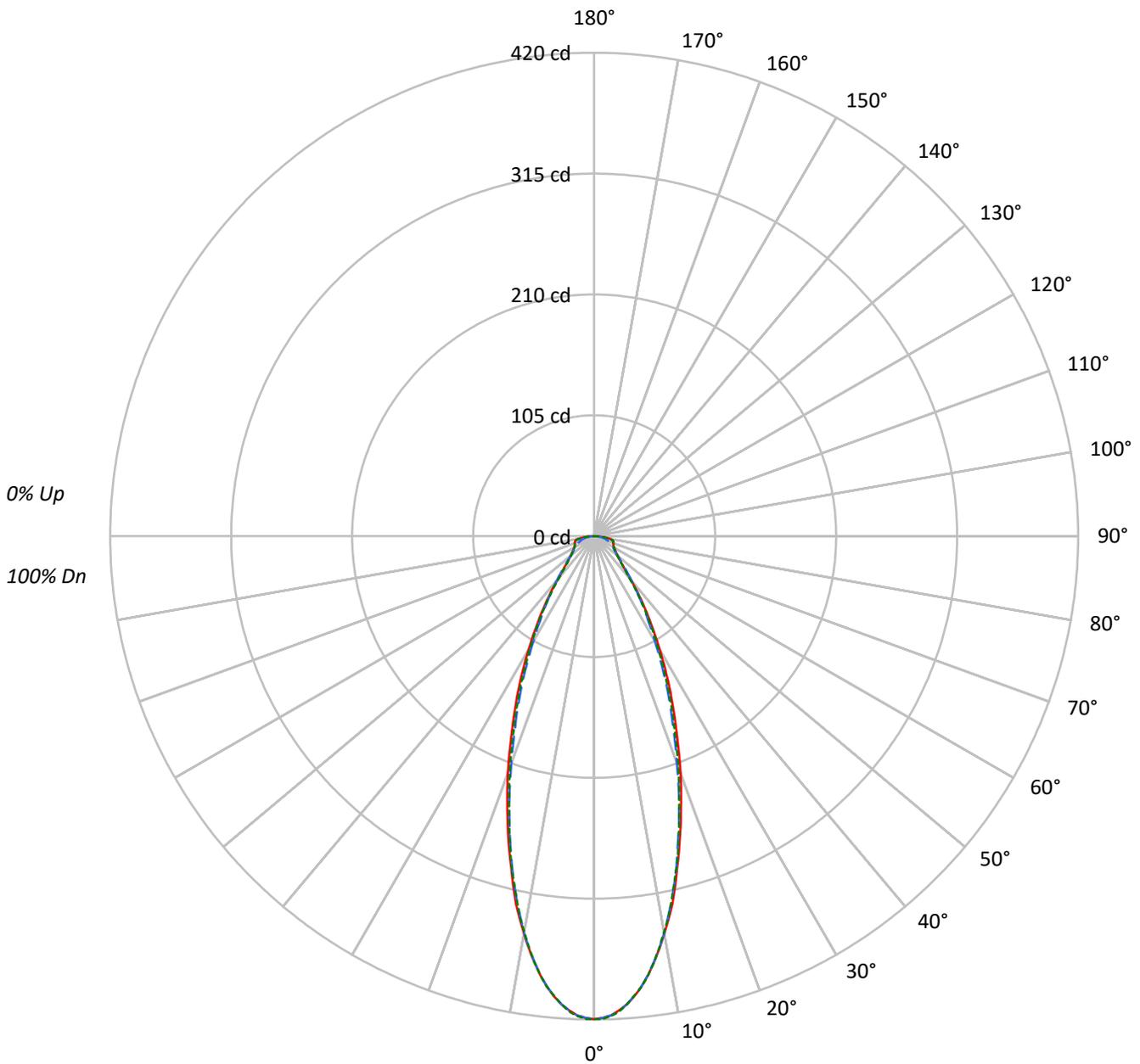
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 316.9 lumens  
Efficiency: N/A  
Efficacy: 44.0 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% 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		
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	63	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°	72282	72282	72282
5°	69360	69273	69273
10°	61313	61225	61050
15°	50637	49923	50191
20°	40119	38470	39111
25°	30556	28941	29701
30°	22512	20921	21816
35°	16105	15369	15579
40°	11039	11264	10701
45°	8184	8671	8062
50°	7100	7100	6966
55°	6756	6456	6756
60°	6889	6372	6889
65°	7539	6520	7539
70°	9064	6546	8812
75°	11312	6987	11312
80°	14381	7438	13389
85°	11856	6916	11856

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 80°  
 Luminance: 14381 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	36.6	11.6
10°-20°	77.8	24.6
20°-30°	71.3	22.5
30°-40°	47.0	14.8
40°-50°	27.4	8.6
50°-60°	20.0	6.3
60°-70°	17.0	5.3
70°-80°	14.0	4.4
80°-90°	5.8	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°	185.8	58.6
0°-40°	232.8	73.5
0°-60°	280.2	88.4
0°-90°	316.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	316.9	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	420	420	420	420	420	
5°	401	401	401	401	401	37
15°	284	283	280	281	282	79
25°	161	156	152	153	156	74
35°	77	75	73	73	74	48
45°	34	35	36	34	33	27
55°	22	22	22	22	22	20
65°	18	17	16	17	18	18
75°	17	13	10	13	17	18
85°	6	6	4	6	6	7
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	419.7	419.7	419.7	419.7	419.7
1°	418.7	418.7	418.7	418.7	419.7
2°	416.7	416.2	416.7	416.7	417.2
3°	412.7	412.7	412.7	412.7	413.7
4°	407.7	407.7	407.7	407.7	407.7
5°	401.2	400.7	400.7	401.2	400.7
6°	393.2	393.2	393.2	393.2	393.7
7°	384.2	383.7	383.7	383.2	384.2
8°	373.7	373.7	373.2	372.6	373.7
9°	362.6	363.1	362.1	361.6	361.6
10°	350.6	350.1	350.1	350.1	349.1
11°	338.6	337.1	336.6	336.6	337.6
12°	326.6	324.1	323.1	323.1	323.1
13°	312.0	311.0	309.5	308.5	309.0
14°	297.5	297.5	295.0	295.0	296.0
15°	284.0	283.0	280.0	281.0	281.5
17.5°	250.4	248.4	244.9	244.9	245.4
20°	218.9	215.4	209.9	212.4	213.4
22.5°	187.8	184.3	178.8	181.3	182.3
25°	160.8	156.3	152.3	152.8	156.3
27.5°	136.2	131.2	127.2	128.7	130.7
30°	113.2	110.2	105.2	107.7	109.7
32.5°	93.7	91.2	87.7	89.2	91.2
35°	76.6	75.1	73.1	73.1	74.1
37.5°	62.1	61.6	60.6	60.1	59.6
40°	49.1	50.1	50.1	49.1	47.6
42.5°	40.1	41.1	42.1	40.1	38.6
45°	33.6	34.6	35.6	33.6	33.1
47.5°	29.6	30.1	30.6	29.6	29.1
50°	26.5	26.5	26.5	26.0	26.0
52.5°	24.5	24.0	23.5	24.0	24.0
55°	22.5	22.5	21.5	22.0	22.5
57.5°	21.0	20.5	20.0	20.5	21.0
60°	20.0	19.0	18.5	19.0	20.0
62.5°	19.0	18.0	17.0	18.0	19.0
65°	18.5	17.0	16.0	17.0	18.5
67.5°	18.0	16.0	14.5	16.0	18.0
70°	18.0	15.0	13.0	15.0	17.5
72.5°	17.5	14.0	12.0	14.0	17.5
75°	17.0	13.0	10.5	13.0	17.0
77.5°	16.5	12.0	9.0	12.0	16.0
80°	14.5	11.0	7.5	11.0	13.5
82.5°	10.5	9.0	6.0	9.0	10.0
85°	6.0	6.5	3.5	6.5	6.0
87.5°	1.0	1.5	1.0	2.5	2.0



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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)