

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: P1317608

Luminaire Tested: LDSQA3D17R259827DE010 3LSQCDR1MMS

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1317608  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-23)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D17R259827DE010 3LSQCDR1MMS  
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 98CRI , 3LSQCDR1MMS TRIM  
Light Source: -  
Ballast/Driver: -

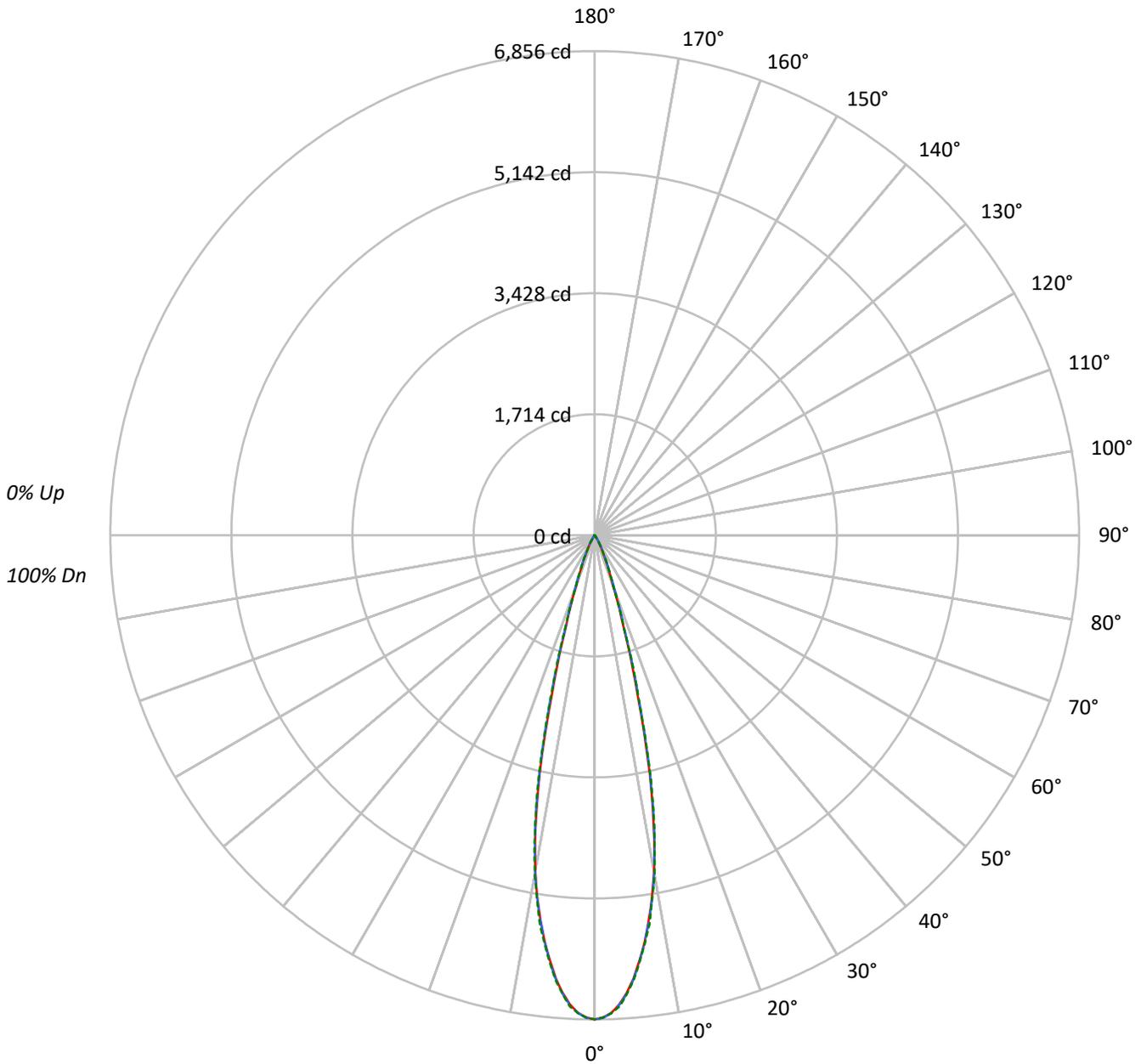
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1427.0 lumens  
Efficiency: N/A  
Efficacy: 70.0 lumens/watt  
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 20.4  
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	100	100	100	100
1	115	113	111	110	113	111	110	108	107	106	105	103	103	102	100	99	99	97	97	97	97
2	112	108	105	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94	94	94	94
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	92	92	92
4	105	100	97	94	104	99	96	93	97	95	92	96	93	91	94	92	90	89	89	89	89
5	103	97	93	90	101	96	93	90	95	92	89	93	91	89	92	90	88	87	87	87	87
6	100	94	90	87	99	93	90	87	92	89	87	91	88	86	90	87	85	84	84	84	84
7	97	91	87	85	96	91	87	84	90	86	84	89	86	84	88	85	83	82	82	82	82
8	95	89	85	82	94	88	85	82	87	84	82	87	84	82	86	83	81	80	80	80	80
9	93	86	83	80	92	86	82	80	85	82	80	85	82	80	84	81	79	78	78	78	78
10	91	84	81	78	90	84	80	78	83	80	78	83	80	78	82	79	77	77	77	77	77

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

	0°	45°	90°
0°	1180672	1180672	1180672
5°	1088663	1091118	1093400
10°	845280	848340	852940
15°	417717	435297	435493
20°	140646	150084	143468
25°	58243	64704	59915
30°	22870	28736	23068
35°	5992	11732	6223
40°	2226	4676	2226
45°	268	1340	268
50°	0	295	0
55°	0	0	0
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 45°  
 Vertical Angle: 45°  
 Luminance: 1340 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	555.5	38.9
10°-20°	671.9	47.1
20°-30°	164.0	11.5
30°-40°	31.9	2.2
40°-50°	3.6	0.3
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	1391.5	97.5
0°-40°	1423.3	99.7
0°-60°	1427.0	100.0
0°-90°	1427.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1427.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	6856	6856	6856	6856	6856	
5°	6297	6306	6311	6339	6325	554
15°	2343	2399	2441	2466	2442	660
25°	306	323	340	326	315	156
35°	28	40	56	40	30	25
45°	1	3	6	3	1	2
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	6855.5	6855.5	6855.5	6855.5	6855.5
1°	6829.3	6833.6	6834.7	6841.3	6828.2
2°	6766.9	6768.0	6771.2	6784.4	6772.3
3°	6651.9	6659.6	6660.7	6678.2	6681.5
4°	6495.4	6499.7	6508.5	6538.1	6511.8
5°	6297.2	6306.0	6311.4	6338.8	6324.6
6°	6052.0	6054.2	6066.2	6097.9	6078.2
7°	5802.4	5801.3	5802.4	5827.5	5822.1
8°	5501.3	5495.8	5513.3	5544.0	5564.8
9°	5187.1	5194.8	5205.7	5235.3	5211.2
10°	4833.5	4854.3	4851.0	4853.2	4877.3
11°	4426.2	4432.8	4433.9	4456.9	4453.6
12°	3947.8	3947.8	3983.9	4021.1	4009.1
13°	3465.0	3498.9	3474.8	3482.5	3530.7
14°	2902.3	2928.5	2961.4	2992.0	2968.0
15°	2342.8	2398.7	2441.4	2465.5	2442.5
17.5°	1342.2	1360.8	1396.9	1401.3	1387.1
20°	767.4	790.4	818.9	810.1	782.8
22.5°	482.8	489.4	517.8	503.6	497.0
25°	306.5	323.0	340.5	326.2	315.3
27.5°	190.5	201.4	220.1	204.7	192.7
30°	115.0	124.8	144.5	123.7	116.0
32.5°	60.2	74.4	90.9	75.5	60.2
35°	28.5	40.5	55.8	40.5	29.6
37.5°	17.5	21.9	33.9	21.9	17.5
40°	9.9	14.2	20.8	14.2	9.9
42.5°	4.4	7.7	9.9	7.7	5.5
45°	1.1	3.3	5.5	3.3	1.1
47.5°	0.0	0.0	3.3	1.1	0.0
50°	0.0	0.0	1.1	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



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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)