

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: P1313805

Luminaire Tested: LDSQA3D17R259727DE010 3LSQCDR1MMS

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1313805  
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: LDSQA3D17R259727DE010 3LSQCDR1MMS  
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 97CRI , 3LSQCDR1MMS TRIM  
Light Source: -  
Ballast/Driver: -

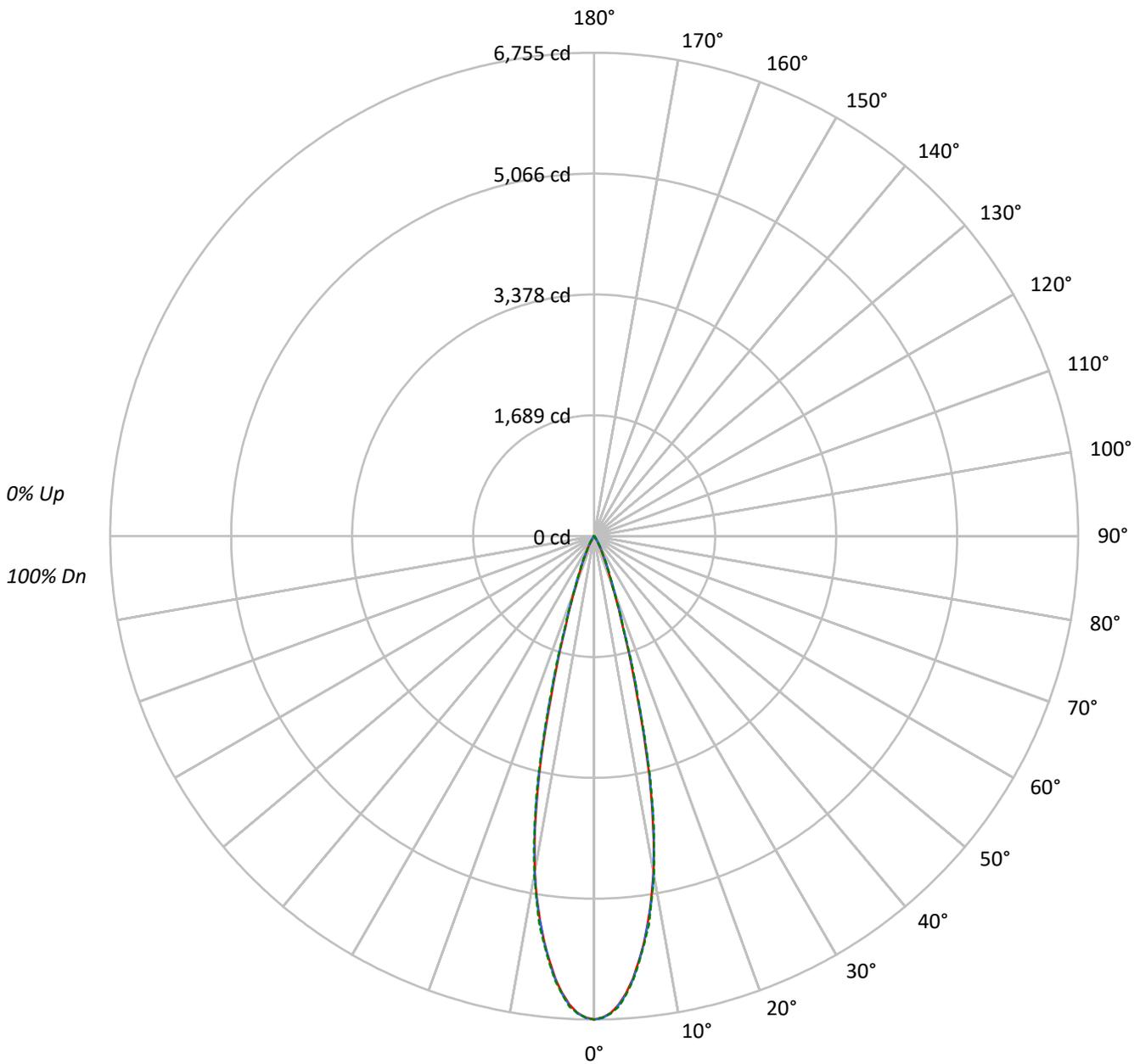
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1406.0 lumens  
Efficiency: N/A  
Efficacy: 66.3 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): 21.2  
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	115	113	111	110	113	111	110	108	107	106	105	103	103	102	100	99	99	99	99	99	97
2	112	108	105	103	110	107	104	102	104	102	100	101	99	98	98	97	96	96	96	96	94
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	96	94	93	92
4	105	100	97	94	104	99	96	93	97	95	92	96	93	91	94	92	90	94	92	90	89
5	103	97	93	90	101	96	93	90	95	92	89	93	91	89	92	90	88	92	90	88	87
6	100	94	90	87	99	93	90	87	92	89	87	91	88	86	90	87	85	90	87	85	84
7	97	91	87	85	96	91	87	84	90	86	84	89	86	84	88	85	83	88	85	83	82
8	95	89	85	82	94	88	85	82	87	84	82	87	84	82	86	83	81	86	83	81	80
9	93	86	83	80	92	86	82	80	85	82	80	85	82	80	84	81	79	84	81	79	78
10	91	84	81	78	90	84	80	78	83	80	78	83	80	78	82	79	77	82	79	77	77

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

	0°	45°	90°
0°	1163312	1163312	1163312
5°	1072637	1075075	1077305
10°	832828	835854	840383
15°	411583	428878	429074
20°	138593	147867	141360
25°	57388	63754	59041
30°	22531	28318	22730
35°	5887	11563	6118
40°	2181	4609	2181
45°	268	1315	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: 1315 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	547.3	38.9
10°-20°	662.0	47.1
20°-30°	161.6	11.5
30°-40°	31.4	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°	1371.0	97.5
0°-40°	1402.4	99.7
0°-60°	1406.0	100.0
0°-90°	1406.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1406.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	6755	6755	6755	6755	6755	
5°	6204	6213	6219	6246	6232	546
15°	2308	2363	2405	2429	2406	650
25°	302	318	336	321	311	154
35°	28	40	55	40	29	25
45°	1	3	5	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°	6754.7	6754.7	6754.7	6754.7	6754.7
1°	6728.8	6733.1	6734.2	6740.6	6727.7
2°	6667.3	6668.4	6671.6	6684.5	6672.7
3°	6554.0	6561.6	6562.6	6579.9	6583.1
4°	6399.8	6404.1	6412.7	6441.8	6415.9
5°	6204.5	6213.2	6218.6	6245.5	6231.5
6°	5962.9	5965.1	5976.9	6008.2	5988.8
7°	5717.0	5715.9	5717.0	5741.8	5736.4
8°	5420.3	5414.9	5432.2	5462.4	5482.9
9°	5110.8	5118.3	5129.1	5158.2	5134.5
10°	4762.3	4782.8	4779.6	4781.8	4805.5
11°	4361.1	4367.5	4368.6	4391.3	4388.0
12°	3889.7	3889.7	3925.3	3962.0	3950.1
13°	3414.0	3447.4	3423.7	3431.3	3478.7
14°	2859.6	2885.5	2917.8	2948.0	2924.3
15°	2308.4	2363.4	2405.4	2429.2	2406.5
17.5°	1322.5	1340.8	1376.4	1380.7	1366.7
20°	756.2	778.8	806.8	798.2	771.3
22.5°	475.7	482.2	510.2	496.2	489.7
25°	302.0	318.2	335.5	321.4	310.7
27.5°	187.7	198.5	216.8	201.7	189.8
30°	113.3	123.0	142.4	121.9	114.3
32.5°	59.3	73.3	89.5	74.4	59.3
35°	28.0	39.9	55.0	39.9	29.1
37.5°	17.3	21.6	33.4	21.6	17.3
40°	9.7	14.0	20.5	14.0	9.7
42.5°	4.3	7.6	9.7	7.6	5.4
45°	1.1	3.2	5.4	3.2	1.1
47.5°	0.0	0.0	3.2	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)