

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: P1310503

Luminaire Tested: LDSQA3D17R259035DE010 3LSQCDR1MMS

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1310503  
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: LDSQA3D17R259035DE010 3LSQCDR1MMS  
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , 3LSQCDR1MMS TRIM  
Light Source: -  
Ballast/Driver: -

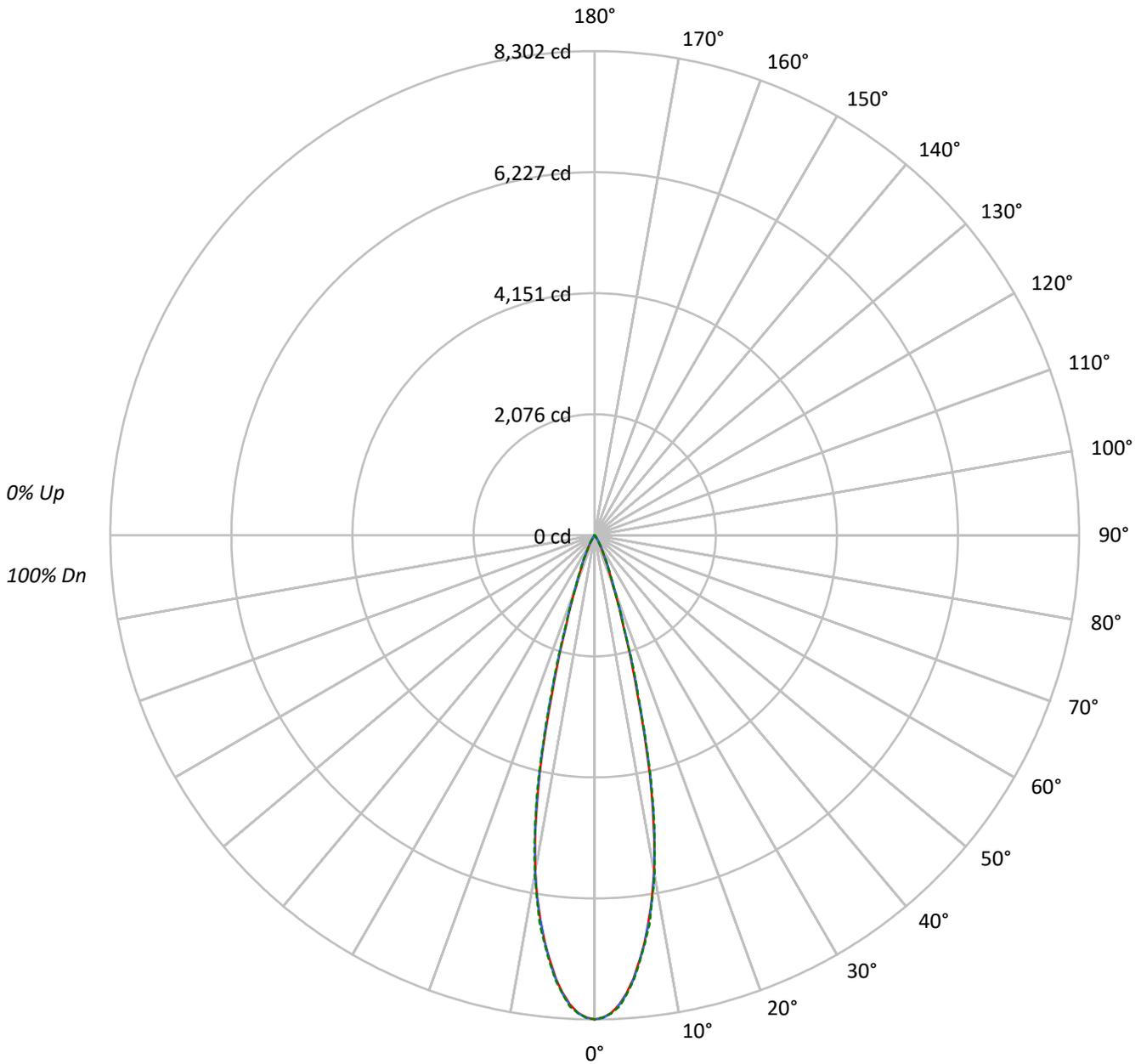
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1728.0 lumens  
Efficiency: N/A  
Efficacy: 81.5 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 (A<sub>in</sub>): 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

TEST NUMBER: P1310503  
CATALOG NUMBER: LDSQA3D17R259035DE010 3LSQCDR1MMS

### Luminous Intensity Polar Plot



— 0°-180°    - - 45°-225°    ···· 90°-270°



TEST NUMBER: P1310503

CATALOG NUMBER: LDSQA3D17R259035DE010 3LSQCDR1MMS

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20									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	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	97	97	97	94	94	94	91	91	91	88	88	88														
1	115	113	111	110	113	111	110	108	107	106	105	103	103	102	100	99	99	97	97	97	94	94	94	91	91	91	88	88	88	85	85	85														
2	112	108	105	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94	94	94	91	91	91	88	88	88	85	85	85	82	82	82														
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	92	92	89	89	89	86	86	86	83	83	83	80	80	80														
4	105	100	97	94	104	99	96	93	97	95	92	96	93	91	94	92	90	89	89	89	86	86	86	83	83	83	80	80	80	77	77	77														
5	103	97	93	90	101	96	93	90	95	92	89	93	91	89	92	90	88	87	87	87	84	84	84	81	81	81	78	78	78	75	75	75														
6	100	94	90	87	99	93	90	87	92	89	87	91	88	86	90	87	85	84	84	84	81	81	81	78	78	78	75	75	75	72	72	72														
7	97	91	87	85	96	91	87	84	90	86	84	89	86	84	88	85	83	82	82	82	79	79	79	76	76	76	73	73	73	70	70	70														
8	95	89	85	82	94	88	85	82	87	84	82	87	84	82	86	83	81	80	80	80	77	77	77	74	74	74	71	71	71	68	68	68														
9	93	86	83	80	92	86	82	80	85	82	80	85	82	80	84	81	79	78	78	78	75	75	75	72	72	72	69	69	69	66	66	66														
10	91	84	81	78	90	84	80	78	83	80	78	83	80	78	82	79	77	76	76	76	73	73	73	70	70	70	67	67	67	64	64	64														

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

	0°	45°	90°
0°	1429723	1429723	1429723
5°	1318300	1321274	1324023
10°	1023569	1027277	1032838
15°	505831	527102	527352
20°	170318	181736	173727
25°	70538	78348	72552
30°	27682	34801	27941
35°	7253	14213	7527
40°	2675	5665	2675
45°	317	1607	317
50°	0	348	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: 1607 cd/sqm



TEST NUMBER: P1310503

CATALOG NUMBER: LDSQA3D17R259035DE010 3LSQCDR1MMS

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	672.7	38.9
10°-20°	813.6	47.1
20°-30°	198.7	11.5
30°-40°	38.6	2.2
40°-50°	4.4	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°	1685.0	97.5
0°-40°	1723.6	99.7
0°-60°	1728.0	100.0
0°-90°	1728.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1728.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	8302	8302	8302	8302	8302	
5°	7626	7636	7643	7676	7659	671
15°	2837	2905	2956	2986	2958	799
25°	371	391	412	395	382	189
35°	34	49	68	49	36	31
45°	1	4	7	4	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



TEST NUMBER: P1310503  
 CATALOG NUMBER: LDSQA3D17R259035DE010 3LSQCDR1MMS

**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	8301.6	8301.6	8301.6	8301.6	8301.6
1°	8269.8	8275.1	8276.4	8284.4	8268.5
2°	8194.2	8195.5	8199.5	8215.4	8200.8
3°	8055.0	8064.3	8065.6	8086.8	8090.8
4°	7865.4	7870.7	7881.3	7917.1	7885.3
5°	7625.5	7636.1	7642.7	7675.9	7658.6
6°	7328.5	7331.2	7345.8	7384.2	7360.3
7°	7026.3	7024.9	7026.3	7056.8	7050.1
8°	6661.7	6655.1	6676.3	6713.4	6738.6
9°	6281.2	6290.5	6303.7	6339.5	6310.4
10°	5853.0	5878.2	5874.2	5876.9	5906.0
11°	5359.8	5367.8	5369.1	5397.0	5393.0
12°	4780.5	4780.5	4824.3	4869.3	4854.7
13°	4195.9	4237.0	4207.8	4217.1	4275.4
14°	3514.5	3546.3	3586.0	3623.2	3594.0
15°	2837.0	2904.6	2956.3	2985.5	2957.7
17.5°	1625.3	1647.9	1691.6	1696.9	1679.7
20°	929.3	957.2	991.6	981.0	947.9
22.5°	584.6	592.6	627.1	609.8	601.9
25°	371.2	391.1	412.3	395.1	381.8
27.5°	230.7	243.9	266.5	247.9	233.3
30°	139.2	151.1	175.0	149.8	140.5
32.5°	72.9	90.1	110.0	91.5	72.9
35°	34.5	49.1	67.6	49.1	35.8
37.5°	21.2	26.5	41.1	26.5	21.2
40°	11.9	17.2	25.2	17.2	11.9
42.5°	5.3	9.3	11.9	9.3	6.6
45°	1.3	4.0	6.6	4.0	1.3
47.5°	0.0	0.0	4.0	1.3	0.0
50°	0.0	0.0	1.3	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



TEST NUMBER: P1310503  
CATALOG NUMBER: LDSQA3D17R259035DE010 3LSQCDR1MMS

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)