

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: P1309384

Luminaire Tested: LDSQA3D17R259030DE010 3LSQCDR1MB

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1309384  
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: LDSQA3D17R259030DE010 3LSQCDR1MB  
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , 3LSQCDR1MB TRIM  
Light Source: -  
Ballast/Driver: -

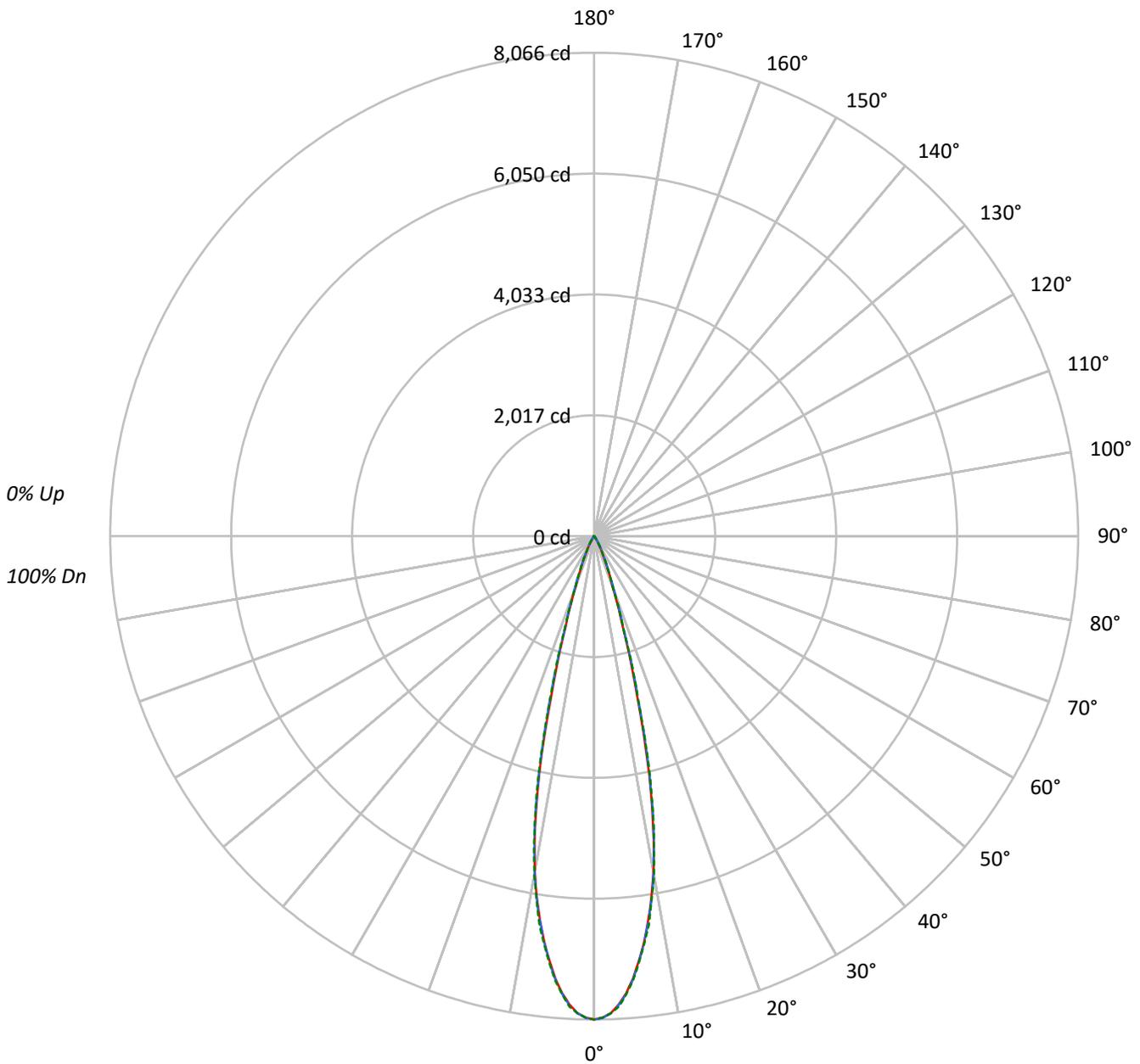
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1679.0 lumens  
Efficiency: N/A  
Efficacy: 79.2 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°	1389182	1389182	1389182
5°	1280906	1283811	1286490
10°	994539	998142	1003563
15°	491496	512161	512393
20°	165498	176586	168797
25°	68543	76125	70500
30°	26907	33807	27145
35°	7043	13813	7317
40°	2608	5508	2608
45°	317	1559	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: 1559 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	653.6	38.9
10°-20°	790.6	47.1
20°-30°	193.0	11.5
30°-40°	37.5	2.2
40°-50°	4.3	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°	1637.2	97.5
0°-40°	1674.7	99.7
0°-60°	1679.0	100.0
0°-90°	1679.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1679.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	8066	8066	8066	8066	8066	
5°	7409	7420	7426	7458	7442	652
15°	2757	2822	2872	2901	2874	776
25°	361	380	401	384	371	184
35°	34	48	66	48	35	30
45°	1	4	6	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



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	8066.2	8066.2	8066.2	8066.2	8066.2
1°	8035.3	8040.4	8041.7	8049.4	8034.0
2°	7961.9	7963.1	7967.0	7982.5	7968.3
3°	7826.6	7835.6	7836.9	7857.5	7861.4
4°	7642.4	7647.6	7657.9	7692.6	7661.7
5°	7409.2	7419.6	7426.0	7458.2	7441.5
6°	7120.7	7123.3	7137.5	7174.8	7151.6
7°	6827.0	6825.7	6827.0	6856.6	6850.2
8°	6472.8	6466.3	6487.0	6523.0	6547.5
9°	6103.1	6112.1	6125.0	6159.8	6131.4
10°	5687.0	5711.5	5707.6	5710.2	5738.6
11°	5207.9	5215.6	5216.9	5243.9	5240.1
12°	4645.0	4645.0	4687.5	4731.3	4717.1
13°	4076.9	4116.8	4088.5	4097.5	4154.2
14°	3414.8	3445.7	3484.4	3520.4	3492.1
15°	2756.6	2822.3	2872.5	2900.8	2873.8
17.5°	1579.2	1601.1	1643.6	1648.8	1632.0
20°	903.0	930.0	963.5	953.2	921.0
22.5°	568.1	575.8	609.3	592.5	584.8
25°	360.7	380.0	400.6	383.9	371.0
27.5°	224.1	237.0	258.9	240.9	226.7
30°	135.3	146.8	170.0	145.6	136.5
32.5°	70.8	87.6	106.9	88.9	70.8
35°	33.5	47.7	65.7	47.7	34.8
37.5°	20.6	25.8	39.9	25.8	20.6
40°	11.6	16.7	24.5	16.7	11.6
42.5°	5.2	9.0	11.6	9.0	6.4
45°	1.3	3.9	6.4	3.9	1.3
47.5°	0.0	0.0	3.9	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



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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)