

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: P1320383

Luminaire Tested: LDSQA3D20R259840D010 3LSQCDR1MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1320383  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-35)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D20R259840D010 3LSQCDR1MW  
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 98CRI , 3LSQCDR1MW TRIM  
Light Source: -  
Ballast/Driver: -

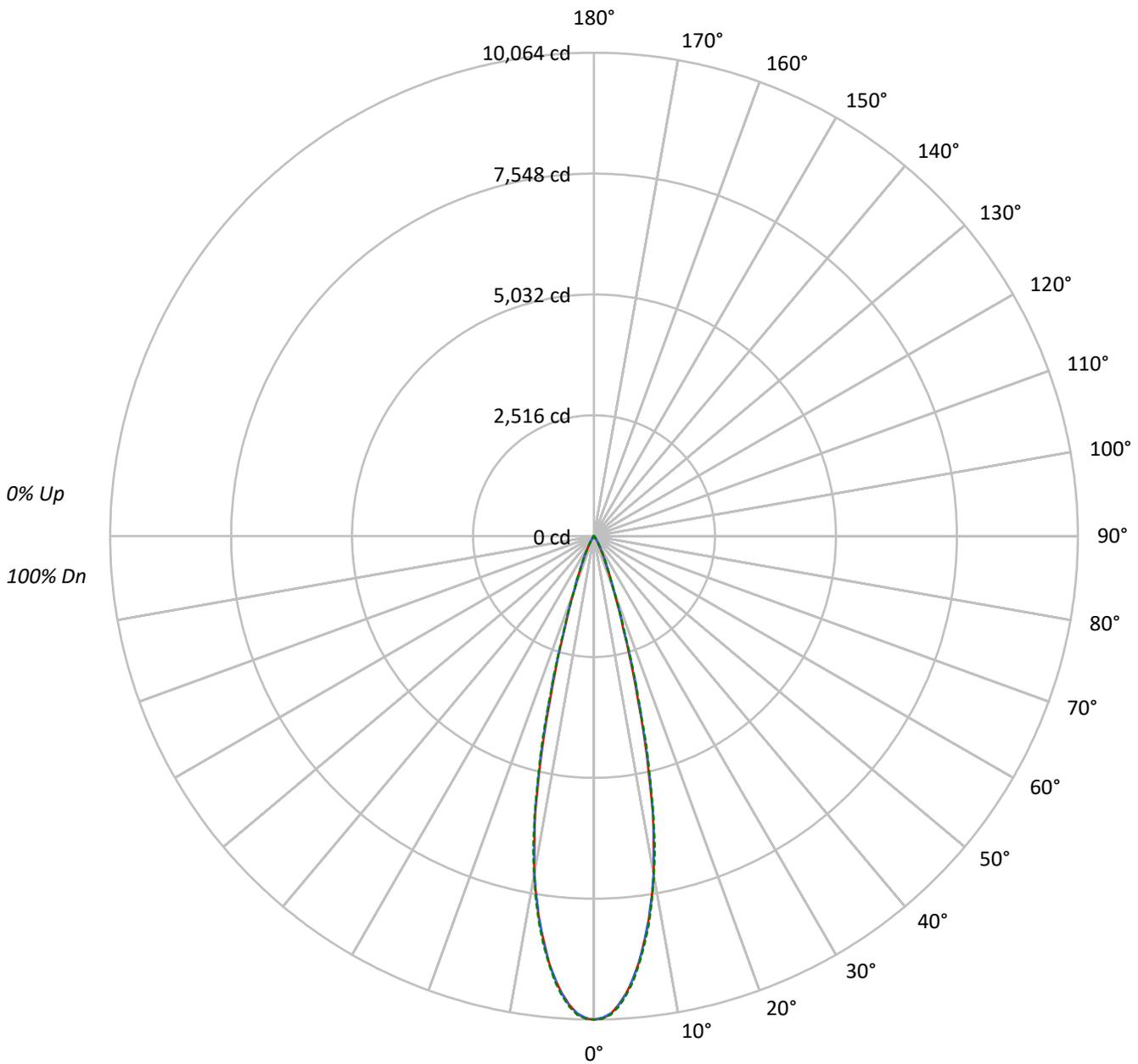
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2125.9 lumens  
Efficiency: N/A  
Efficacy: 77.6 lumens/watt  
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41  
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 27.4  
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

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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	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	99	100	
1	115	113	111	110	113	111	109	108	107	106	105	103	102	102	100	99	99	97	97	97	97	
2	112	108	105	103	110	107	104	102	103	101	100	101	99	97	98	97	95	94	94	94	94	
3	108	104	100	98	107	103	99	97	100	98	95	98	96	94	96	94	93	91	91	91	91	
4	105	100	96	93	104	99	96	93	97	94	92	95	93	91	94	92	90	89	89	89	89	
5	102	97	93	90	101	96	92	90	94	91	89	93	90	88	91	89	87	86	86	86	86	
6	100	94	90	87	98	93	89	87	92	88	86	90	88	86	89	87	85	84	84	84	84	
7	97	91	87	84	96	90	87	84	89	86	84	88	85	83	87	85	83	82	82	82	82	
8	95	88	84	82	94	88	84	82	87	84	81	86	83	81	85	83	81	80	80	80	80	
9	92	86	82	80	91	86	82	79	85	82	79	84	81	79	83	81	79	78	78	78	78	
10	90	84	80	78	89	84	80	77	83	80	77	82	79	77	82	79	77	76	76	76	76	

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

	0°	45°	90°
0°	1733197	1733197	1733197
5°	1600891	1600338	1609293
10°	1250528	1247135	1255634
15°	629107	655406	654817
20°	215257	221195	217640
25°	86500	97275	90206
30°	35120	41881	34145
35°	10218	18396	10218
40°	4744	8004	4744
45°	1583	3166	1583
50°	857	1313	857
55°	961	961	961
60°	1102	1102	1102
65°	652	652	652
70°	806	806	806
75°	1065	1065	1065
80°	0	1587	0
85°	0	0	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 45°  
 Vertical Angle: 45°  
 Luminance: 3166 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	816.4	38.4
10°-20°	999.3	47.0
20°-30°	244.1	11.5
30°-40°	50.5	2.4
40°-50°	8.8	0.4
50°-60°	2.9	0.1
60°-70°	2.3	0.1
70°-80°	1.5	0.1
80°-90°	0.1	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°	2059.9	96.9
0°-40°	2110.3	99.3
0°-60°	2122.1	99.8
0°-90°	2125.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2125.9	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	10064	10064	10064	10064	10064	
5°	9260	9268	9257	9276	9309	816
15°	3528	3588	3676	3692	3673	985
25°	455	476	512	483	475	233
35°	49	68	88	66	49	41
45°	6	10	13	10	6	7
55°	3	3	3	3	3	3
65°	2	3	2	2	2	2
75°	2	2	2	2	2	1
85°	0	0	0	0	0	0
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	10063.7	10063.7	10063.7	10063.7	10063.7
1°	10044.2	10031.3	10028.0	10029.6	10045.8
2°	9953.5	9945.4	9943.8	9948.6	9971.3
3°	9768.8	9778.5	9781.8	9798.0	9809.3
4°	9542.0	9561.4	9553.3	9572.8	9585.7
5°	9260.1	9268.2	9256.9	9276.3	9308.7
6°	8931.2	8902.1	8929.6	8937.7	8960.4
7°	8521.4	8527.9	8537.6	8547.3	8581.3
8°	8118.0	8098.6	8093.7	8139.1	8166.6
9°	7646.6	7649.8	7632.0	7683.8	7691.9
10°	7150.8	7110.3	7131.4	7171.9	7180.0
11°	6496.3	6485.0	6515.8	6579.0	6629.2
12°	5882.3	5888.8	5921.2	5942.3	5930.9
13°	5070.7	5119.3	5159.8	5180.9	5153.3
14°	4336.8	4336.8	4388.7	4396.8	4495.6
15°	3528.4	3588.4	3675.9	3692.1	3672.6
17.5°	2038.0	2046.1	2088.2	2086.6	2117.4
20°	1174.5	1185.9	1206.9	1202.1	1187.5
22.5°	706.3	730.6	780.9	740.4	729.0
25°	455.2	476.3	511.9	482.8	474.7
27.5°	285.1	299.7	327.2	301.3	288.4
30°	176.6	184.7	210.6	186.3	171.7
32.5°	95.6	116.6	137.7	116.6	95.6
35°	48.6	68.0	87.5	66.4	48.6
37.5°	32.4	38.9	56.7	37.3	32.4
40°	21.1	25.9	35.6	25.9	21.1
42.5°	11.3	16.2	19.4	17.8	11.3
45°	6.5	9.7	13.0	9.7	6.5
47.5°	4.9	4.9	8.1	4.9	3.2
50°	3.2	3.2	4.9	3.2	3.2
52.5°	3.2	3.2	3.2	3.2	3.2
55°	3.2	3.2	3.2	3.2	3.2
57.5°	3.2	3.2	3.2	3.2	3.2
60°	3.2	3.2	3.2	3.2	3.2
62.5°	3.2	3.2	3.2	3.2	3.2
65°	1.6	3.2	1.6	1.6	1.6
67.5°	1.6	1.6	1.6	1.6	1.6
70°	1.6	1.6	1.6	1.6	1.6
72.5°	1.6	1.6	1.6	1.6	1.6
75°	1.6	1.6	1.6	1.6	1.6
77.5°	1.6	1.6	1.6	1.6	1.6
80°	0.0	0.0	1.6	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)