

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: P1313659

Luminaire Tested: LDSQA3D13R259727DE010 3LSQCDR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1313659
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: LDSQA3D13R259727DE010 3LSQCDR1MMS
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 97CRI , 3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

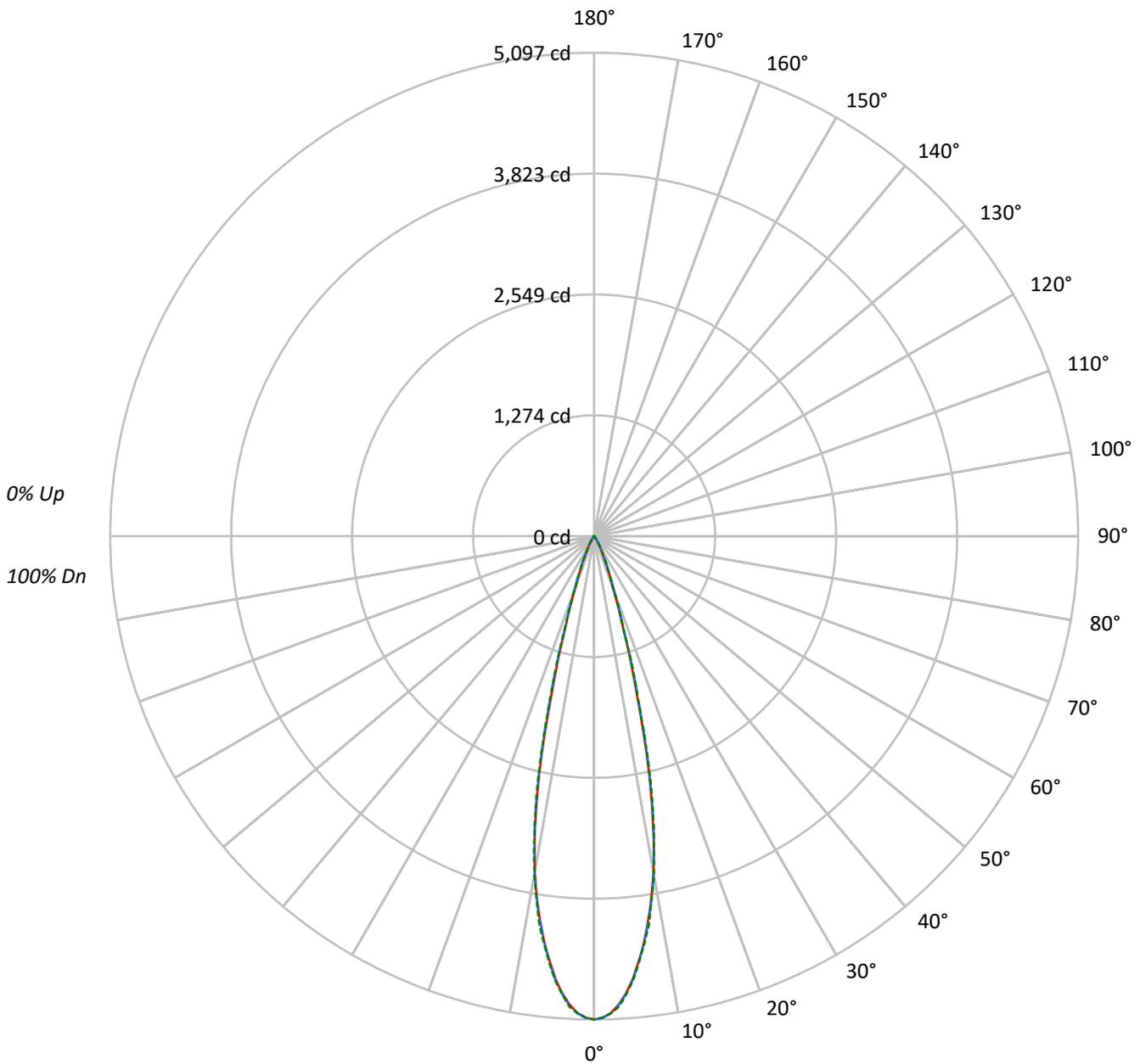
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1061.0 lumens
Efficiency: N/A
Efficacy: 72.7 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): 14.6
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									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	99	99	97	97	97	97	97	97	97	97	97	97	100															
1	115	113	111	110	113	111	110	108	107	106	105	103	103	102	100	99	99	97	97	97	97	97	97	97	97	97	97	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	94	94	94	94	94	94	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	92	92	92	92	92	92	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	89	89	89	89	89	89	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	87	87	87	87	87	87	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	84	84	84	84	84	84	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	82	82	82	82	82	82	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	80	80	80	80	80	80	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	78	78	78	78	78	78	78	78	78	78															
10	91	84	81	78	90	84	80	78	83	80	78	83	80	78	82	79	77	76	76	76	76	76	76	76	76	76	76	76	76	76	76															

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	877853	877853	877853
5°	809444	811276	812953
10°	628482	630755	634165
15°	310577	323647	323789
20°	104577	111596	106666
25°	43307	48115	44542
30°	17003	21358	17162
35°	4457	8725	4625
40°	1641	3485	1641
45°	195	999	195
50°	0	214	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: 999 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	413.0	38.9
10°-20°	499.6	47.1
20°-30°	122.0	11.5
30°-40°	23.7	2.2
40°-50°	2.7	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°	1034.6	97.5
0°-40°	1058.3	99.7
0°-60°	1061.0	100.0
0°-90°	1061.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1061.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	5097	5097	5097	5097	5097	
5°	4682	4689	4693	4713	4702	412
15°	1742	1784	1815	1833	1816	491
25°	228	240	253	243	234	116
35°	21	30	42	30	22	19
45°	1	2	4	2	1	1
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°	5097.2	5097.2	5097.2	5097.2	5097.2
1°	5077.7	5080.9	5081.8	5086.6	5076.9
2°	5031.3	5032.1	5034.5	5044.3	5035.4
3°	4945.8	4951.5	4952.3	4965.4	4967.8
4°	4829.4	4832.7	4839.2	4861.2	4841.6
5°	4682.1	4688.6	4692.7	4713.0	4702.4
6°	4499.7	4501.4	4510.3	4533.9	4519.3
7°	4314.2	4313.3	4314.2	4332.9	4328.8
8°	4090.3	4086.2	4099.3	4122.1	4137.5
9°	3856.7	3862.4	3870.5	3892.5	3874.6
10°	3593.8	3609.2	3606.8	3608.4	3626.3
11°	3291.0	3295.9	3296.7	3313.8	3311.3
12°	2935.3	2935.3	2962.1	2989.8	2980.8
13°	2576.3	2601.5	2583.6	2589.3	2625.1
14°	2157.9	2177.4	2201.8	2224.6	2206.7
15°	1741.9	1783.5	1815.2	1833.1	1816.0
17.5°	998.0	1011.8	1038.7	1041.9	1031.3
20°	570.6	587.7	608.9	602.4	582.0
22.5°	359.0	363.9	385.0	374.4	369.6
25°	227.9	240.1	253.2	242.6	234.4
27.5°	141.6	149.8	163.6	152.2	143.3
30°	85.5	92.8	107.4	92.0	86.3
32.5°	44.8	55.4	67.6	56.2	44.8
35°	21.2	30.1	41.5	30.1	22.0
37.5°	13.0	16.3	25.2	16.3	13.0
40°	7.3	10.6	15.5	10.6	7.3
42.5°	3.3	5.7	7.3	5.7	4.1
45°	0.8	2.4	4.1	2.4	0.8
47.5°	0.0	0.0	2.4	0.8	0.0
50°	0.0	0.0	0.8	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)