

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: P1310649

Luminaire Tested: LDSQA3D20R259035D010 3LSQCDR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1310649
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: LDSQA3D20R259035D010 3LSQCDR1MMS
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , 3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

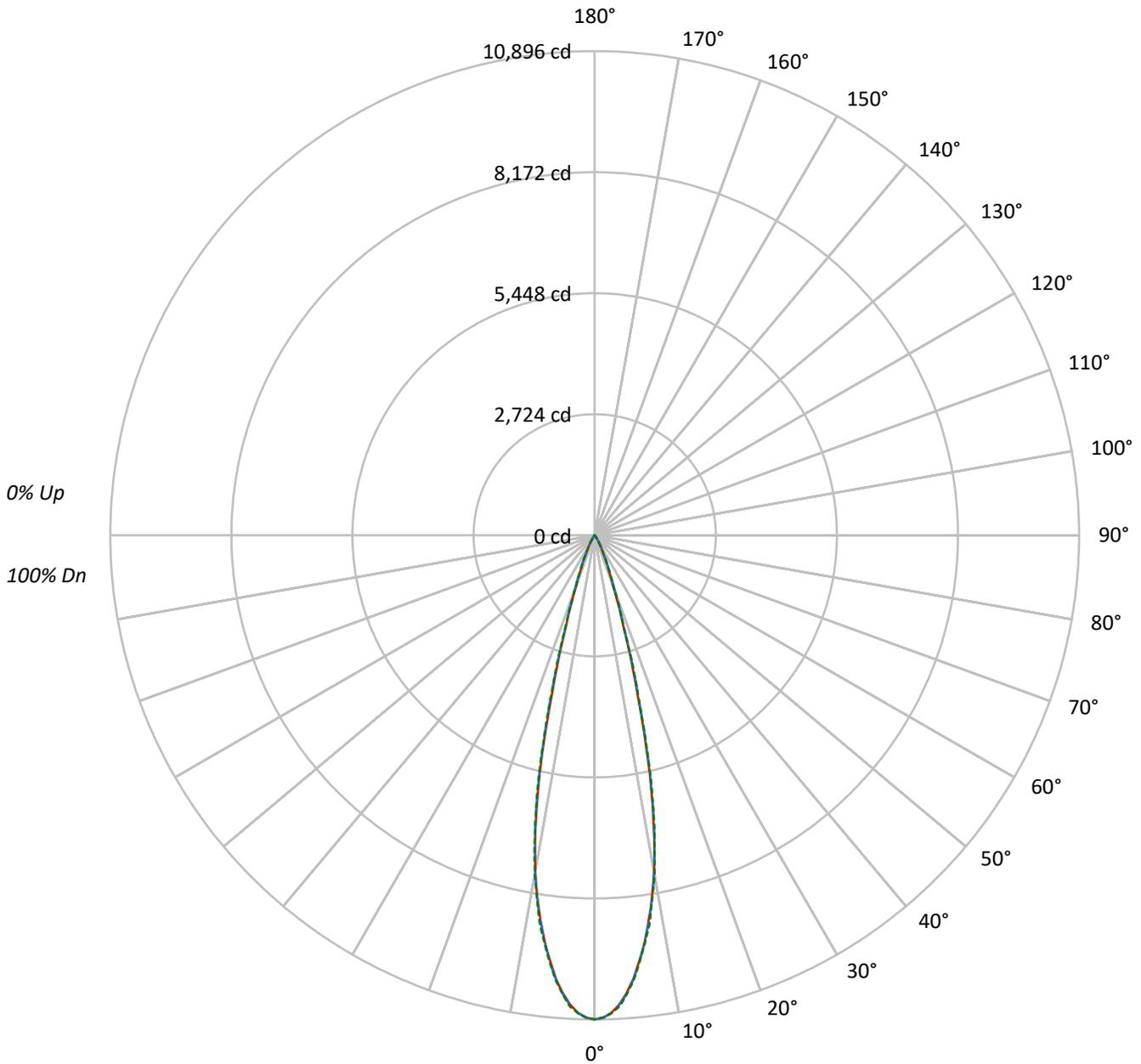
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2268.0 lumens
Efficiency: N/A
Efficacy: 78.7 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): 28.8
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°	1876503	1876503	1876503
5°	1730257	1734182	1737778
10°	1343441	1348303	1355613
15°	663910	691832	692135
20°	223541	238533	228013
25°	92581	102823	95222
30°	36333	45679	36671
35°	9503	18649	9882
40°	3530	7442	3530
45°	414	2119	414
50°	0	455	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: 2119 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	882.9	38.9
10°-20°	1067.9	47.1
20°-30°	260.7	11.5
30°-40°	50.7	2.2
40°-50°	5.7	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°	2211.5	97.5
0°-40°	2262.2	99.7
0°-60°	2268.0	100.0
0°-90°	2268.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2268.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	10896	10896	10896	10896	10896	
5°	10008	10022	10031	10075	10052	880
15°	3724	3812	3880	3918	3882	1049
25°	487	513	541	518	501	248
35°	45	64	89	64	47	40
45°	2	5	9	5	2	3
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°	10895.8	10895.8	10895.8	10895.8	10895.8
1°	10854.1	10861.0	10862.8	10873.2	10852.3
2°	10754.9	10756.6	10761.9	10782.7	10763.6
3°	10572.2	10584.4	10586.1	10614.0	10619.2
4°	10323.4	10330.3	10344.3	10391.2	10349.5
5°	10008.4	10022.4	10031.1	10074.6	10051.9
6°	9618.7	9622.2	9641.3	9691.8	9660.4
7°	9222.0	9220.2	9222.0	9262.0	9253.3
8°	8743.5	8734.8	8762.6	8811.3	8844.4
9°	8244.1	8256.3	8273.7	8320.7	8282.4
10°	7682.1	7715.1	7709.9	7713.4	7751.7
11°	7034.8	7045.2	7047.0	7083.5	7078.3
12°	6274.4	6274.4	6331.8	6391.0	6371.9
13°	5507.1	5561.0	5522.7	5534.9	5611.5
14°	4612.7	4654.5	4706.7	4755.4	4717.1
15°	3723.6	3812.3	3880.2	3918.5	3881.9
17.5°	2133.2	2162.8	2220.2	2227.2	2204.6
20°	1219.7	1256.3	1301.5	1287.6	1244.1
22.5°	767.3	777.8	823.0	800.4	790.0
25°	487.2	513.3	541.1	518.5	501.1
27.5°	302.8	320.2	349.7	325.4	306.2
30°	182.7	198.4	229.7	196.6	184.4
32.5°	95.7	118.3	144.4	120.1	95.7
35°	45.2	64.4	88.7	64.4	47.0
37.5°	27.8	34.8	53.9	34.8	27.8
40°	15.7	22.6	33.1	22.6	15.7
42.5°	7.0	12.2	15.7	12.2	8.7
45°	1.7	5.2	8.7	5.2	1.7
47.5°	0.0	0.0	5.2	1.7	0.0
50°	0.0	0.0	1.7	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)