

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: P1314108

Luminaire Tested: LDSQA3D02R159730DE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1314108
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D02R159730DE010 3LSQCDR1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 97CRI , 3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

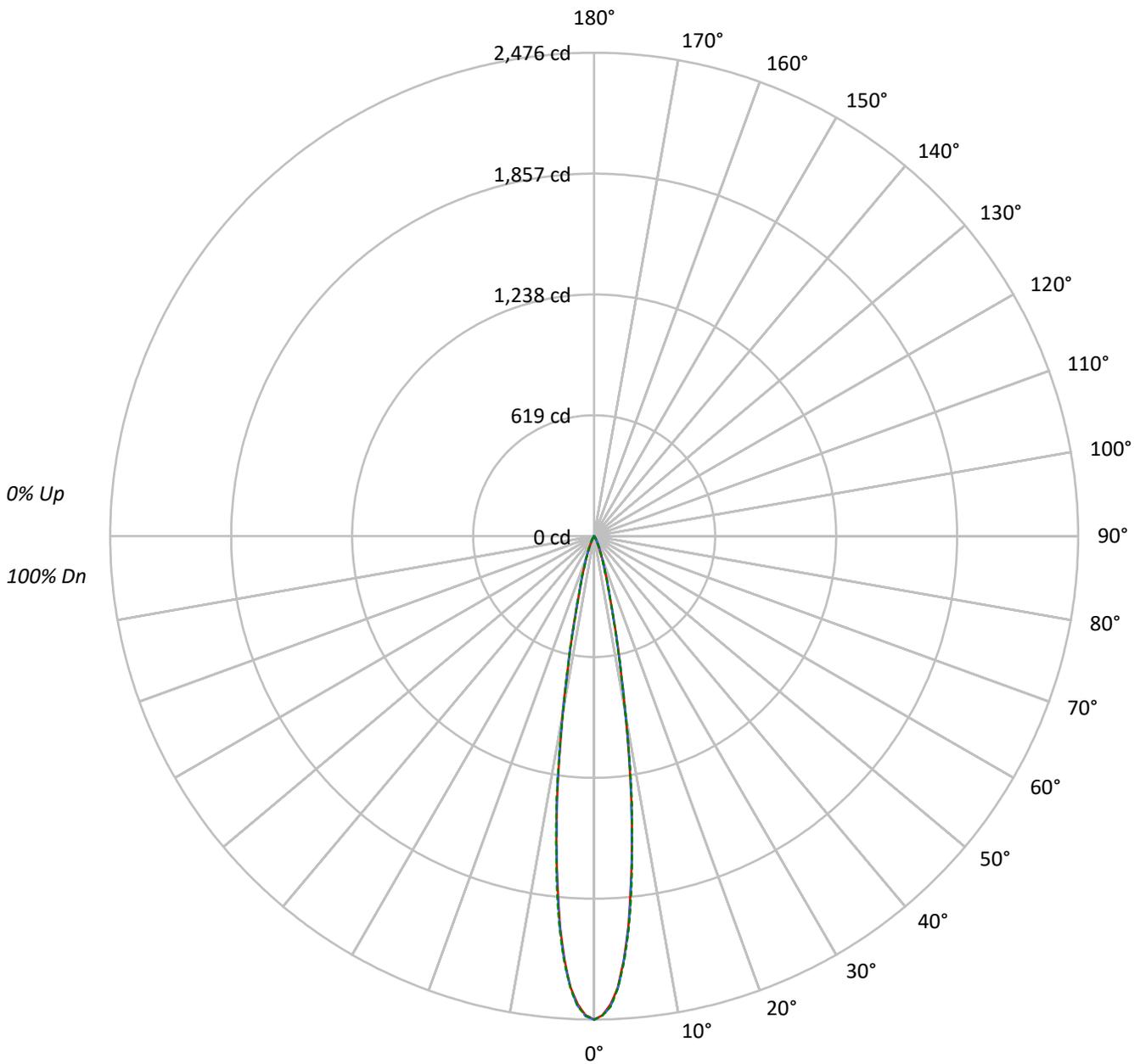
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 277.9 lumens
Efficiency: N/A
Efficacy: 77.2 lumens/watt
Spacing Criteria (0/90/45): 0.29 / 0.3 / 0.29
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
Input Voltage (V): NR
Input Current (A_{in}): 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	116	114	112	111	113	112	110	109	108	107	105	104	103	102	101	100	99	99	98	99	98
2	112	109	107	105	110	108	105	103	105	103	101	102	100	99	99	98	97	99	98	97	96
3	110	106	103	100	108	104	102	99	102	100	98	100	98	96	98	96	95	98	96	95	94
4	107	102	99	97	106	101	98	96	100	97	95	98	96	94	96	94	93	96	94	93	92
5	105	100	96	94	103	99	96	93	97	95	93	96	94	92	95	93	91	95	93	91	90
6	102	97	94	91	101	97	93	91	95	93	90	94	92	90	93	91	89	93	91	89	88
7	100	95	92	89	99	94	91	89	93	91	89	92	90	88	92	89	88	92	89	88	87
8	98	93	90	87	98	93	89	87	92	89	87	91	88	87	90	88	86	90	88	86	85
9	97	91	88	86	96	91	88	85	90	87	85	89	87	85	89	86	85	89	86	85	84
10	95	89	86	84	94	89	86	84	89	86	84	88	85	84	87	85	83	87	85	83	83

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	426492	426492	426492
5°	346798	348008	349201
10°	161501	161659	160784
15°	49977	51760	50797
20°	19922	21040	19684
25°	8342	9824	7924
30°	3381	4514	3122
35°	1093	2060	1009
40°	382	832	382
45°	170	268	170
50°	107	188	107
55°	120	120	120
60°	138	138	138
65°	82	82	82
70°	101	101	101
75°	133	133	133
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 268 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	155.0	55.8
10°-20°	92.7	33.3
20°-30°	23.6	8.5
30°-40°	5.1	1.8
40°-50°	0.8	0.3
50°-60°	0.4	0.1
60°-70°	0.2	0.1
70°-80°	0.1	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°	271.3	97.6
0°-40°	276.4	99.4
0°-60°	277.6	99.9
0°-90°	277.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	277.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2476	2476	2476	2476	2476	
5°	2006	2009	2013	2004	2020	155
15°	280	288	290	286	285	92
25°	44	47	52	46	42	22
35°	5	7	10	6	5	4
45°	1	1	1	1	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°	2476.4	2476.4	2476.4	2476.4	2476.4
1°	2454.7	2458.9	2459.5	2458.9	2455.4
2°	2399.5	2411.7	2409.1	2403.9	2411.3
3°	2314.2	2320.3	2319.4	2319.9	2318.1
4°	2175.4	2186.0	2179.9	2184.5	2185.0
5°	2006.0	2008.8	2013.0	2003.8	2019.9
6°	1797.5	1815.6	1799.7	1815.4	1821.7
7°	1585.6	1596.0	1575.7	1586.7	1593.2
8°	1368.8	1350.5	1361.6	1361.8	1383.4
9°	1134.8	1138.5	1147.9	1137.2	1146.6
10°	923.5	932.0	924.4	920.7	919.4
11°	729.3	738.9	738.2	739.3	732.1
12°	586.7	581.7	585.0	574.3	579.1
13°	456.6	456.9	454.2	449.9	445.9
14°	357.8	355.6	361.7	356.2	351.2
15°	280.3	288.1	290.3	286.2	284.9
17.5°	172.9	173.1	176.1	172.2	171.8
20°	108.7	111.3	114.8	110.7	107.4
22.5°	68.8	71.2	76.6	71.4	66.8
25°	43.9	46.9	51.7	45.8	41.7
27.5°	27.5	30.3	34.9	29.5	26.4
30°	17.0	19.0	22.7	18.6	15.7
32.5°	9.8	11.8	14.8	11.1	9.4
35°	5.2	6.8	9.8	6.5	4.8
37.5°	3.1	3.9	6.3	3.5	2.8
40°	1.7	2.4	3.7	2.2	1.7
42.5°	1.1	1.5	1.7	1.3	0.9
45°	0.7	0.9	1.1	0.9	0.7
47.5°	0.4	0.7	0.9	0.4	0.4
50°	0.4	0.4	0.7	0.4	0.4
52.5°	0.4	0.4	0.4	0.4	0.4
55°	0.4	0.4	0.4	0.4	0.4
57.5°	0.4	0.4	0.4	0.4	0.4
60°	0.4	0.4	0.4	0.4	0.4
62.5°	0.2	0.2	0.2	0.2	0.2
65°	0.2	0.2	0.2	0.2	0.2
67.5°	0.2	0.2	0.2	0.2	0.2
70°	0.2	0.2	0.2	0.2	0.2
72.5°	0.2	0.2	0.2	0.2	0.2
75°	0.2	0.2	0.2	0.2	0.2
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)