

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: P1310813

Luminaire Tested: LDSQA3D24R309035D010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1310813
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-36)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D24R309035D010 3LSQCDR1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , 3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

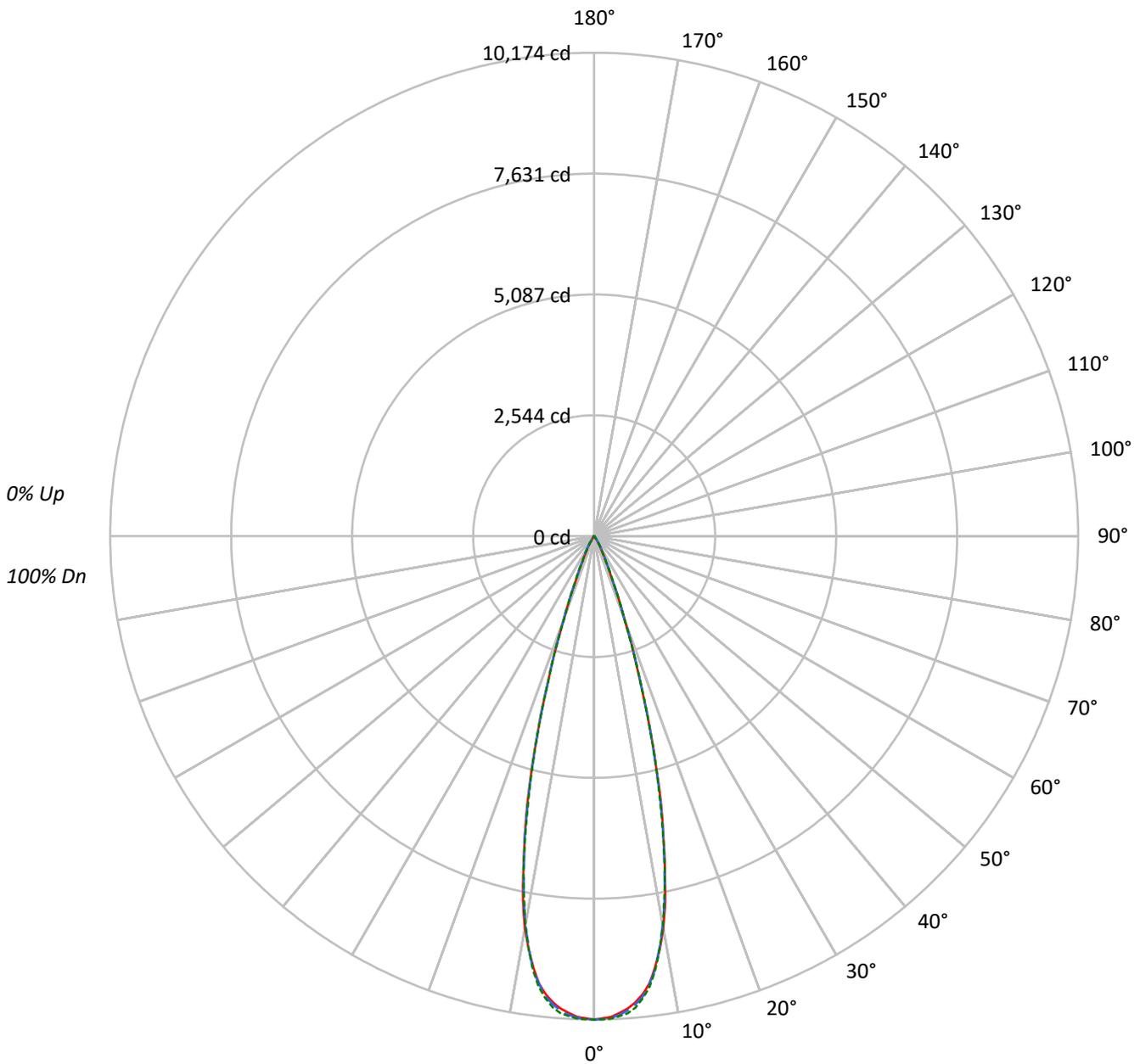
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2646.0 lumens
Efficiency: N/A
Efficacy: 91.9 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.46
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 (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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	98
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97	96	95
2	111	108	105	102	109	106	104	101	103	101	99	100	99	97	98	96	95	94	93	92
3	108	103	100	97	106	102	99	96	100	97	95	97	95	93	95	93	92	91	90	89
4	105	99	96	93	103	98	95	92	96	93	91	95	92	90	93	91	89	88	87	86
5	102	96	92	89	100	95	91	89	94	90	88	92	89	87	91	88	86	85	84	83
6	99	93	89	86	98	92	88	85	91	87	85	90	87	84	88	86	84	83	82	81
7	96	90	86	83	95	89	85	83	88	85	82	87	84	82	86	84	82	81	80	79
8	94	87	83	80	93	87	83	80	86	82	80	85	82	80	84	81	79	78	77	76
9	91	85	81	78	90	84	80	78	83	80	78	83	80	77	82	79	77	76	75	74
10	89	82	78	76	88	82	78	76	81	78	76	81	78	75	80	77	75	74	73	72

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1752159	1752159	1752159
5°	1704152	1711569	1722149
10°	1465402	1452916	1454350
15°	900441	893148	893879
20°	342689	343440	337080
25°	108999	114814	109379
30°	43850	54390	45063
35°	14171	24031	14171
40°	6430	10544	6430
45°	2484	4481	2484
50°	1099	2197	1099
55°	1231	1231	1231
60°	1412	1412	1412
65°	815	815	815
70°	1007	1007	1007
75°	1331	1331	1331
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 4481 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	897.4	33.9
10°-20°	1331.3	50.3
20°-30°	330.8	12.5
30°-40°	66.0	2.5
40°-50°	12.0	0.5
50°-60°	3.8	0.1
60°-70°	2.7	0.1
70°-80°	1.8	0.1
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°	2559.5	96.7
0°-40°	2625.5	99.2
0°-60°	2641.4	99.8
0°-90°	2646.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2646.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	10174	10174	10174	10174	10174	
5°	9857	9890	9900	9915	9962	896
15°	5050	5060	5009	5026	5013	1336
25°	574	586	604	596	576	321
35°	67	88	114	86	67	55
45°	10	12	18	14	10	9
55°	4	4	4	4	4	4
65°	2	2	2	2	2	3
75°	2	2	2	2	2	2
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°	10173.8	10173.8	10173.8	10173.8	10173.8
1°	10151.4	10163.6	10171.8	10171.8	10171.8
2°	10122.8	10131.0	10143.2	10145.3	10161.6
3°	10055.4	10073.8	10094.2	10106.5	10114.6
4°	9973.8	9998.3	10010.5	10041.1	10067.7
5°	9857.4	9890.1	9900.3	9914.6	9961.5
6°	9700.3	9724.7	9745.2	9751.3	9779.9
7°	9492.0	9504.3	9500.2	9510.4	9561.4
8°	9175.6	9179.7	9214.4	9192.0	9226.7
9°	8800.0	8783.7	8775.5	8791.9	8793.9
10°	8379.5	8324.4	8308.1	8293.8	8316.3
11°	7834.5	7763.1	7769.2	7765.1	7732.4
12°	7156.8	7148.6	7095.6	7105.8	7154.8
13°	6464.8	6479.1	6468.9	6481.1	6426.0
14°	5815.7	5746.3	5764.6	5695.2	5721.8
15°	5050.2	5060.4	5009.3	5025.7	5013.4
17.5°	3233.4	3255.9	3239.5	3225.3	3247.7
20°	1869.8	1867.8	1873.9	1855.5	1839.2
22.5°	983.9	998.2	1016.6	1018.6	1030.9
25°	573.6	585.9	604.2	596.1	575.6
27.5°	351.1	373.6	402.1	381.7	357.2
30°	220.5	238.8	273.5	240.9	226.6
32.5°	124.5	151.1	179.6	151.1	124.5
35°	67.4	87.8	114.3	85.7	67.4
37.5°	44.9	51.0	75.5	51.0	44.9
40°	28.6	34.7	46.9	34.7	28.6
42.5°	16.3	22.5	26.5	22.5	16.3
45°	10.2	12.2	18.4	14.3	10.2
47.5°	4.1	6.1	12.2	6.1	6.1
50°	4.1	4.1	8.2	4.1	4.1
52.5°	4.1	4.1	4.1	4.1	4.1
55°	4.1	4.1	4.1	4.1	4.1
57.5°	4.1	4.1	4.1	4.1	4.1
60°	4.1	4.1	4.1	4.1	4.1
62.5°	4.1	4.1	4.1	4.1	4.1
65°	2.0	2.0	2.0	2.0	2.0
67.5°	2.0	2.0	2.0	2.0	2.0
70°	2.0	2.0	2.0	2.0	2.0
72.5°	2.0	2.0	2.0	2.0	2.0
75°	2.0	2.0	2.0	2.0	2.0
77.5°	2.0	2.0	2.0	2.0	2.0
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)