

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: P1323610

Luminaire Tested: LDSQA3D05R309030D2WDE010 3LSQCDR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323610
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-24)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R309030D2WDE010 3LSQCDR1MB
Description: 3in Adjustable Dim to Warm LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

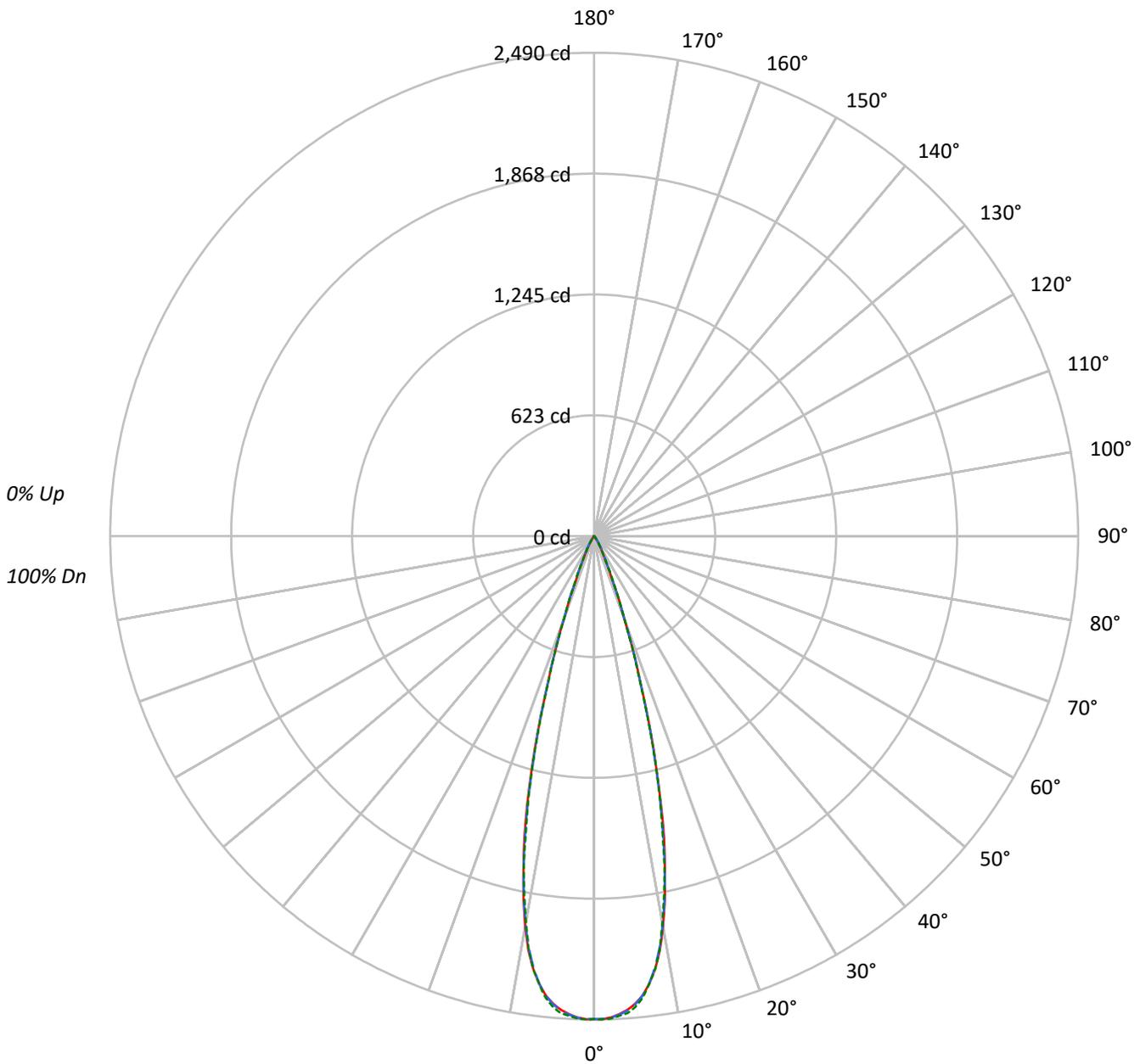
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 642.0 lumens
Efficiency: N/A
Efficacy: 57.8 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): 11.1
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				
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	115	113	111	110	113	111	109	108	107	106	105	103	102	101	100	99	99	99	99	99	97
2	112	108	105	103	109	106	104	102	103	101	99	100	99	97	98	96	95	95	94	94	94
3	108	104	100	97	106	102	99	97	100	97	95	98	95	94	95	94	92	95	94	92	91
4	105	100	96	93	103	99	95	92	97	94	91	95	92	90	93	91	89	93	91	89	88
5	102	96	92	89	101	95	92	89	94	91	88	92	90	87	91	89	87	91	89	87	86
6	99	93	89	86	98	92	89	86	91	88	85	90	87	85	89	86	84	89	86	84	83
7	96	90	86	83	95	90	86	83	89	85	83	87	85	82	87	84	82	87	84	82	81
8	94	88	84	81	93	87	83	81	86	83	80	85	82	80	84	82	80	84	82	80	79
9	91	85	81	78	91	85	81	78	84	80	78	83	80	78	82	80	78	82	80	78	77
10	89	83	79	76	88	82	79	76	82	78	76	81	78	76	80	78	76	80	78	76	75

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	428507	428507	428507
5°	418042	418561	420895
10°	357051	355390	353291
15°	220341	217755	218558
20°	83280	83739	83647
25°	25616	28086	26756
30°	10321	13105	10719
35°	3049	5571	3154
40°	1237	2248	1237
45°	244	731	244
50°	0	134	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: 731 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	219.4	34.2
10°-20°	324.9	50.6
20°-30°	80.6	12.6
30°-40°	15.1	2.4
40°-50°	1.9	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°	625.0	97.3
0°-40°	640.1	99.7
0°-60°	642.0	100.0
0°-90°	642.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	642.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2488	2488	2488	2488	2488	
5°	2418	2417	2421	2425	2435	220
15°	1236	1224	1221	1231	1226	327
25°	135	144	148	147	141	78
35°	14	19	26	20	15	12
45°	1	2	3	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°	2488.1	2488.1	2488.1	2488.1	2488.1
1°	2489.1	2487.1	2487.1	2484.1	2489.5
2°	2480.1	2478.1	2481.6	2479.1	2486.1
3°	2466.6	2464.1	2469.1	2470.6	2474.1
4°	2446.6	2444.6	2450.1	2453.1	2462.6
5°	2418.1	2417.1	2421.1	2425.1	2434.6
6°	2379.2	2377.7	2380.2	2385.2	2391.2
7°	2322.8	2319.8	2321.8	2322.8	2324.3
8°	2251.4	2246.9	2244.4	2249.9	2252.9
9°	2159.5	2154.5	2149.0	2147.0	2154.0
10°	2041.7	2034.2	2032.2	2027.2	2020.2
11°	1904.9	1898.9	1897.4	1888.4	1884.4
12°	1748.1	1745.1	1748.6	1743.1	1741.1
13°	1597.8	1578.8	1576.3	1565.8	1560.3
14°	1420.0	1402.6	1402.1	1396.6	1404.1
15°	1235.8	1223.8	1221.3	1230.8	1225.8
17.5°	787.9	795.9	793.9	788.9	780.4
20°	454.4	448.9	456.9	458.9	456.4
22.5°	242.2	244.2	245.7	251.7	255.6
25°	134.8	143.8	147.8	147.3	140.8
27.5°	83.9	89.4	96.9	91.9	86.4
30°	51.9	56.4	65.9	56.9	53.9
32.5°	28.0	35.5	42.4	35.5	29.0
35°	14.5	19.0	26.5	19.5	15.0
37.5°	9.5	11.0	17.0	11.0	9.5
40°	5.5	7.0	10.0	7.0	5.5
42.5°	2.5	4.0	5.5	4.0	2.5
45°	1.0	1.5	3.0	2.0	1.0
47.5°	0.0	0.5	1.5	0.5	0.0
50°	0.0	0.0	0.5	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)