

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: P1319943

Luminaire Tested: LDSQA3D09R259840DE010 3LSQCDR1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1319943
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: LDSQA3D09R259840DE010 3LSQCDR1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 98CRI , 3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

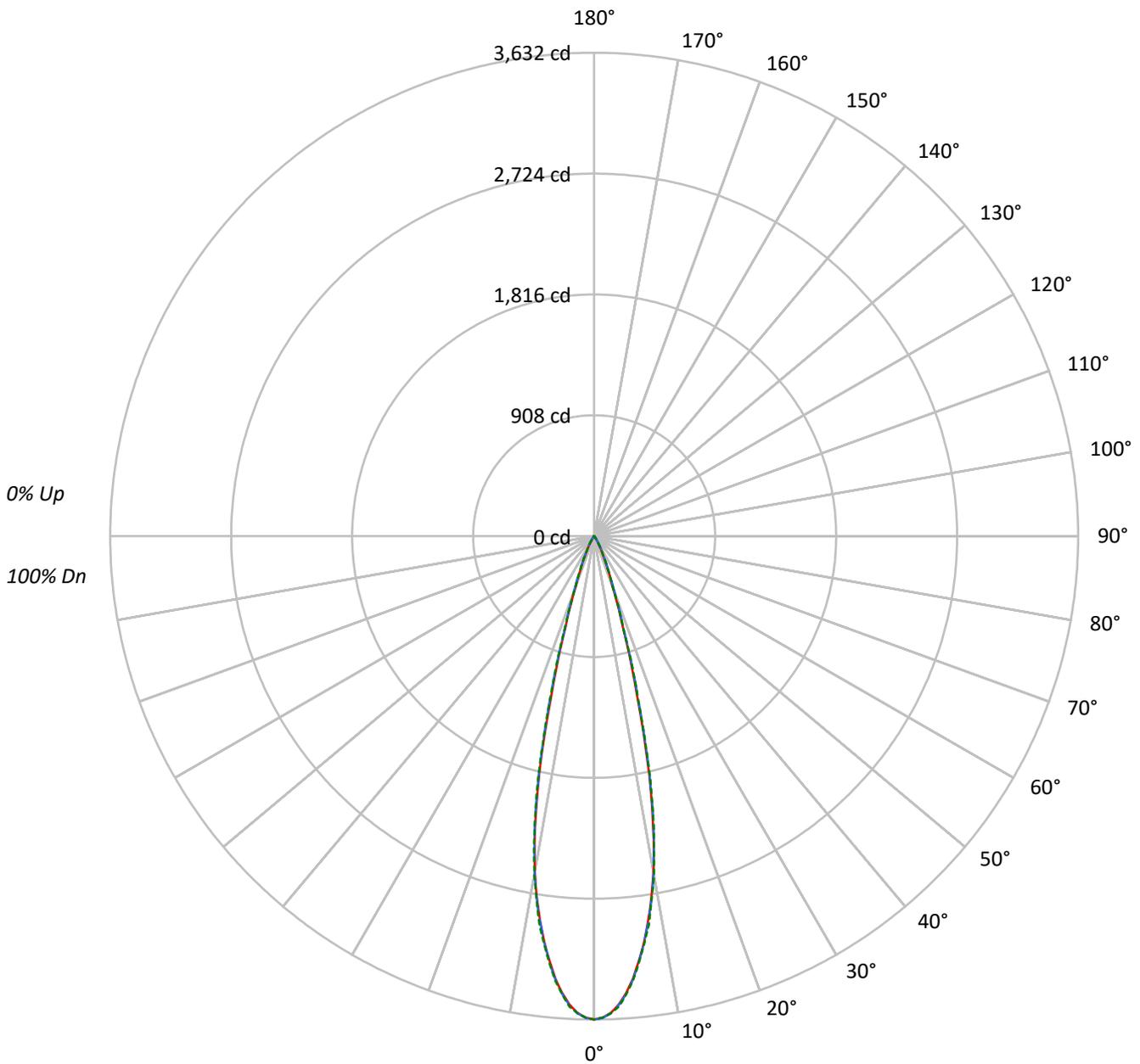
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 756.0 lumens
Efficiency: N/A
Efficacy: 68.7 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): 11
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

TEST NUMBER: P1319943
CATALOG NUMBER: LDSQA3D09R259840DE010 3LSQCDR1MB

Luminous Intensity Polar Plot



0% Up
100% Dn

— 0°-180° - - 45°-225° - - - 90°-270°



TEST NUMBER: P1319943

CATALOG NUMBER: LDSQA3D09R259840DE010 3LSQCDR1MB

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	110	108	107	106	105	103	103	102	100	99	99	99	99	99	97
2	112	108	105	103	110	107	104	102	104	102	100	101	99	98	98	97	96	96	96	96	94
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	96	94	93	92
4	105	100	97	94	104	99	96	93	97	95	92	96	93	91	94	92	90	94	92	90	89
5	103	97	93	90	101	96	93	90	95	92	89	93	91	89	92	90	88	92	90	88	87
6	100	94	90	87	99	93	90	87	92	89	87	91	88	86	90	87	85	90	87	85	84
7	97	91	87	85	96	91	87	84	90	86	84	89	86	84	88	85	83	88	85	83	82
8	95	89	85	82	94	88	85	82	87	84	82	87	84	82	86	83	81	86	83	81	80
9	93	86	83	80	92	86	82	80	85	82	80	85	82	80	84	81	79	84	81	79	78
10	91	84	81	78	90	84	80	78	83	80	78	83	80	78	82	79	77	82	79	77	77

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	625495	625495	625495
5°	576747	578061	579253
10°	447814	449440	451871
15°	221303	230611	230718
20°	74520	79505	76004
25°	30860	34281	31734
30°	12111	15233	12230
35°	3175	6223	3301
40°	1169	2473	1169
45°	146	706	146
50°	0	161	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: 706 cd/sqm



TEST NUMBER: P1319943

CATALOG NUMBER: LDSQA3D09R259840DE010 3LSQCDR1MB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	294.3	38.9
10°-20°	356.0	47.1
20°-30°	86.9	11.5
30°-40°	16.9	2.2
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°	737.2	97.5
0°-40°	754.1	99.7
0°-60°	756.0	100.0
0°-90°	756.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	756.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3632	3632	3632	3632	3632	
5°	3336	3341	3344	3358	3351	293
15°	1241	1271	1293	1306	1294	350
25°	162	171	180	173	167	83
35°	15	22	30	22	16	13
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



TEST NUMBER: P1319943
 CATALOG NUMBER: LDSQA3D09R259840DE010 3LSQCDR1MB

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3631.9	3631.9	3631.9	3631.9	3631.9
1°	3618.0	3620.3	3620.9	3624.4	3617.4
2°	3585.0	3585.5	3587.3	3594.2	3587.9
3°	3524.1	3528.1	3528.7	3538.0	3539.7
4°	3441.1	3443.4	3448.1	3463.7	3449.8
5°	3336.1	3340.8	3343.7	3358.2	3350.6
6°	3206.2	3207.4	3213.8	3230.6	3220.1
7°	3074.0	3073.4	3074.0	3087.3	3084.4
8°	2914.5	2911.6	2920.9	2937.1	2948.1
9°	2748.0	2752.1	2757.9	2773.6	2760.8
10°	2560.7	2571.7	2570.0	2571.1	2583.9
11°	2344.9	2348.4	2349.0	2361.2	2359.4
12°	2091.5	2091.5	2110.6	2130.3	2124.0
13°	1835.7	1853.7	1840.9	1845.0	1870.5
14°	1537.6	1551.5	1568.9	1585.1	1572.4
15°	1241.2	1270.8	1293.4	1306.2	1294.0
17.5°	711.1	720.9	740.1	742.4	734.9
20°	406.6	418.8	433.8	429.2	414.7
22.5°	255.8	259.3	274.3	266.8	263.3
25°	162.4	171.1	180.4	172.8	167.0
27.5°	100.9	106.7	116.6	108.5	102.1
30°	60.9	66.1	76.6	65.5	61.5
32.5°	31.9	39.4	48.1	40.0	31.9
35°	15.1	21.5	29.6	21.5	15.7
37.5°	9.3	11.6	18.0	11.6	9.3
40°	5.2	7.5	11.0	7.5	5.2
42.5°	2.3	4.1	5.2	4.1	2.9
45°	0.6	1.7	2.9	1.7	0.6
47.5°	0.0	0.0	1.7	0.6	0.0
50°	0.0	0.0	0.6	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



TEST NUMBER: P1319943
CATALOG NUMBER: LDSQA3D09R259840DE010 3LSQCDR1MB

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)