

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: P1314551

Luminaire Tested: LDSQA3D09R609730DE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1314551
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R609730DE010 3LSQCDR1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 97CRI , 3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

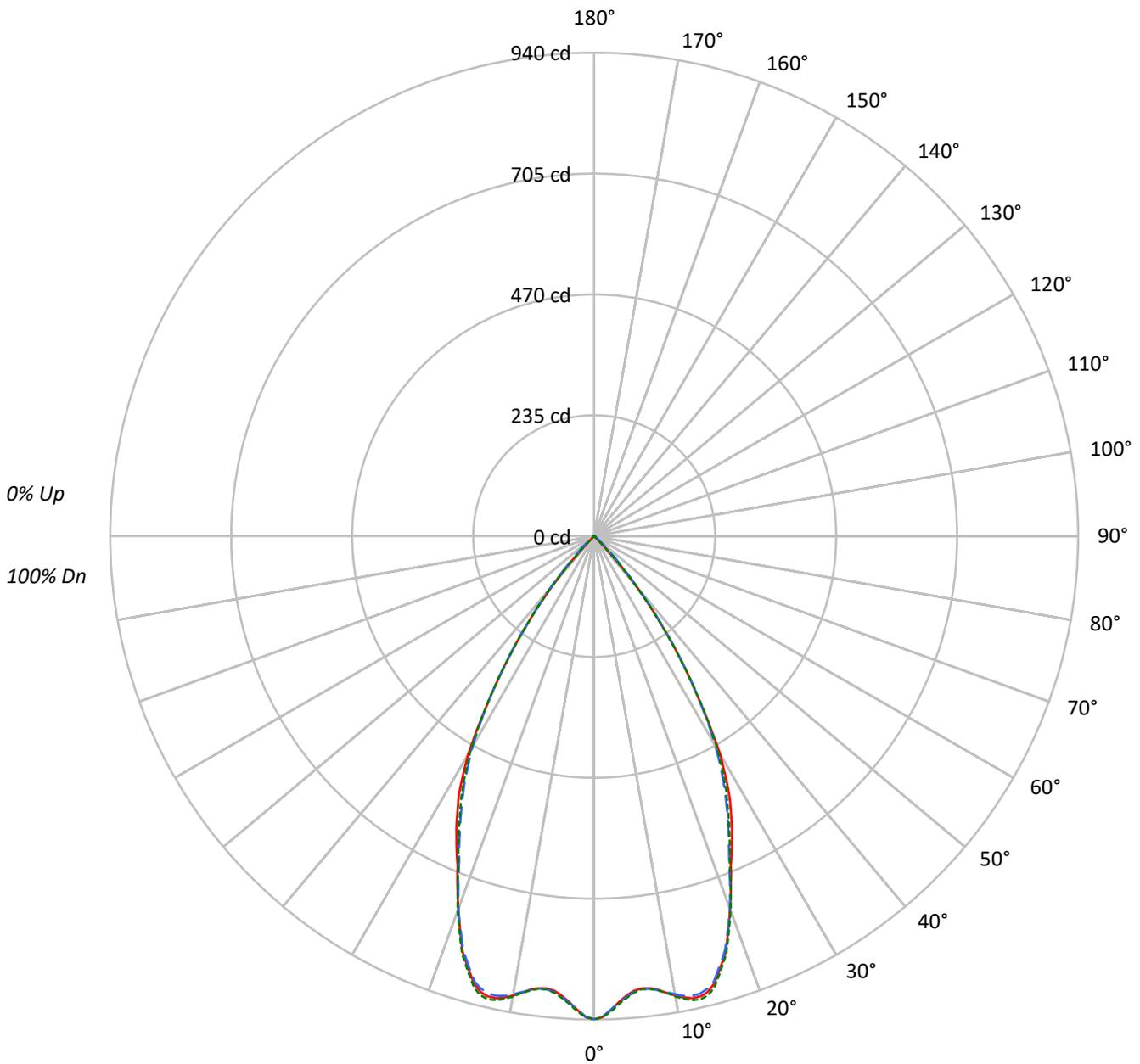
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 838.0 lumens
Efficiency: N/A
Efficacy: 75.5 lumens/watt
Spacing Criteria (0/90/45): 0.93 / 0.92 / 0.9
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 (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	100	100	100	100
1	114	111	108	106	111	109	107	105	105	103	101	101	100	98	98	96	95	94	94	94	94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87	87	87	87
3	103	97	92	88	101	95	91	87	93	89	86	90	87	84	88	85	83	82	82	82	82
4	98	90	85	81	96	89	84	80	87	83	79	85	81	79	83	80	78	76	76	76	76
5	93	85	79	75	91	84	79	75	82	77	74	80	76	73	79	75	73	71	71	71	71
6	88	80	74	70	87	79	73	69	77	73	69	76	72	68	75	71	68	67	67	67	67
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	62	62	62	62
8	80	71	65	61	79	70	65	61	69	64	60	68	64	60	67	63	60	59	59	59	59
9	76	67	61	57	75	66	61	57	65	60	57	65	60	57	64	60	56	55	55	55	55
10	73	63	58	54	72	63	57	54	62	57	54	61	57	53	61	56	53	52	52	52	52

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	161803	161803	161803
5°	153362	153812	154037
10°	158686	158231	159035
15°	160611	159915	161556
20°	141434	141305	142039
25°	120344	116866	117855
30°	97126	93745	95316
35°	61476	62022	61349
40°	28732	29924	29182
45°	1754	10546	2070
50°	884	2465	884
55°	991	991	991
60°	896	896	896
65°	815	1060	815
70°	1007	1007	1007
75°	865	865	865
80°	694	694	694
85°	1383	1383	1383

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 10546 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.6	10.2
10°-20°	246.6	29.4
20°-30°	284.3	33.9
30°-40°	182.5	21.8
40°-50°	31.8	3.8
50°-60°	3.0	0.4
60°-70°	2.3	0.3
70°-80°	1.4	0.2
80°-90°	0.5	0.1
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°	616.5	73.6
0°-40°	799.1	95.4
0°-60°	833.9	99.5
0°-90°	838.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	838.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	940	940	940	940	940	
5°	887	889	890	892	891	86
15°	901	898	897	903	906	247
25°	633	626	615	616	620	289
35°	292	290	295	289	292	182
45°	7	22	43	26	8	24
55°	3	3	3	3	3	3
65°	2	3	3	3	2	2
75°	1	1	1	1	1	1
85°	1	1	1	1	1	0
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	939.5	939.5	939.5	939.5	939.5
1°	935.6	934.9	934.3	934.9	935.6
2°	922.5	921.8	921.2	923.8	925.1
3°	908.0	908.7	909.4	910.7	911.3
4°	896.2	897.6	898.2	899.5	900.2
5°	887.1	889.0	889.7	891.7	891.0
6°	884.4	885.8	886.4	887.1	885.8
7°	885.8	886.4	887.1	888.4	887.1
8°	890.3	891.0	891.7	892.3	892.3
9°	899.5	898.2	897.6	900.2	899.5
10°	907.4	905.4	904.8	908.7	909.4
11°	913.9	911.3	910.7	915.3	916.6
12°	918.5	914.6	913.9	919.8	922.5
13°	918.5	913.3	913.3	919.8	923.8
14°	913.3	907.4	907.4	914.6	919.2
15°	900.8	897.6	896.9	902.8	906.1
17.5°	848.4	844.5	845.1	851.7	852.3
20°	771.7	769.7	771.0	772.3	775.0
22.5°	693.7	692.3	685.1	687.1	688.4
25°	633.3	626.1	615.0	615.6	620.2
27.5°	569.7	562.5	546.8	550.1	554.7
30°	488.4	482.5	471.4	473.4	479.3
32.5°	383.5	395.3	384.9	388.1	386.2
35°	292.4	290.4	295.0	289.1	291.8
37.5°	205.9	206.5	208.5	203.2	203.2
40°	127.8	131.1	133.1	130.5	129.8
42.5°	53.8	73.4	77.4	73.4	54.4
45°	7.2	21.6	43.3	25.6	8.5
47.5°	3.3	4.6	22.9	4.6	3.3
50°	3.3	3.3	9.2	3.3	3.3
52.5°	3.3	3.3	3.3	3.3	3.3
55°	3.3	3.3	3.3	3.3	3.3
57.5°	3.3	3.3	3.3	3.3	3.3
60°	2.6	2.6	2.6	2.6	2.6
62.5°	2.6	2.6	2.6	2.6	2.6
65°	2.0	2.6	2.6	2.6	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°	1.3	1.3	1.3	1.3	1.3
75°	1.3	1.3	1.3	1.3	1.3
77.5°	1.3	1.3	1.3	1.3	1.3
80°	0.7	0.7	0.7	0.7	0.7
82.5°	0.7	0.7	0.7	0.7	0.7
85°	0.7	0.7	0.7	0.7	0.7
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)