

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: P1323828

Luminaire Tested: LDSQA3D09R609030D2WDE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323828
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: LDSQA3D09R609030D2WDE010 3LSQCDR1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R60 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

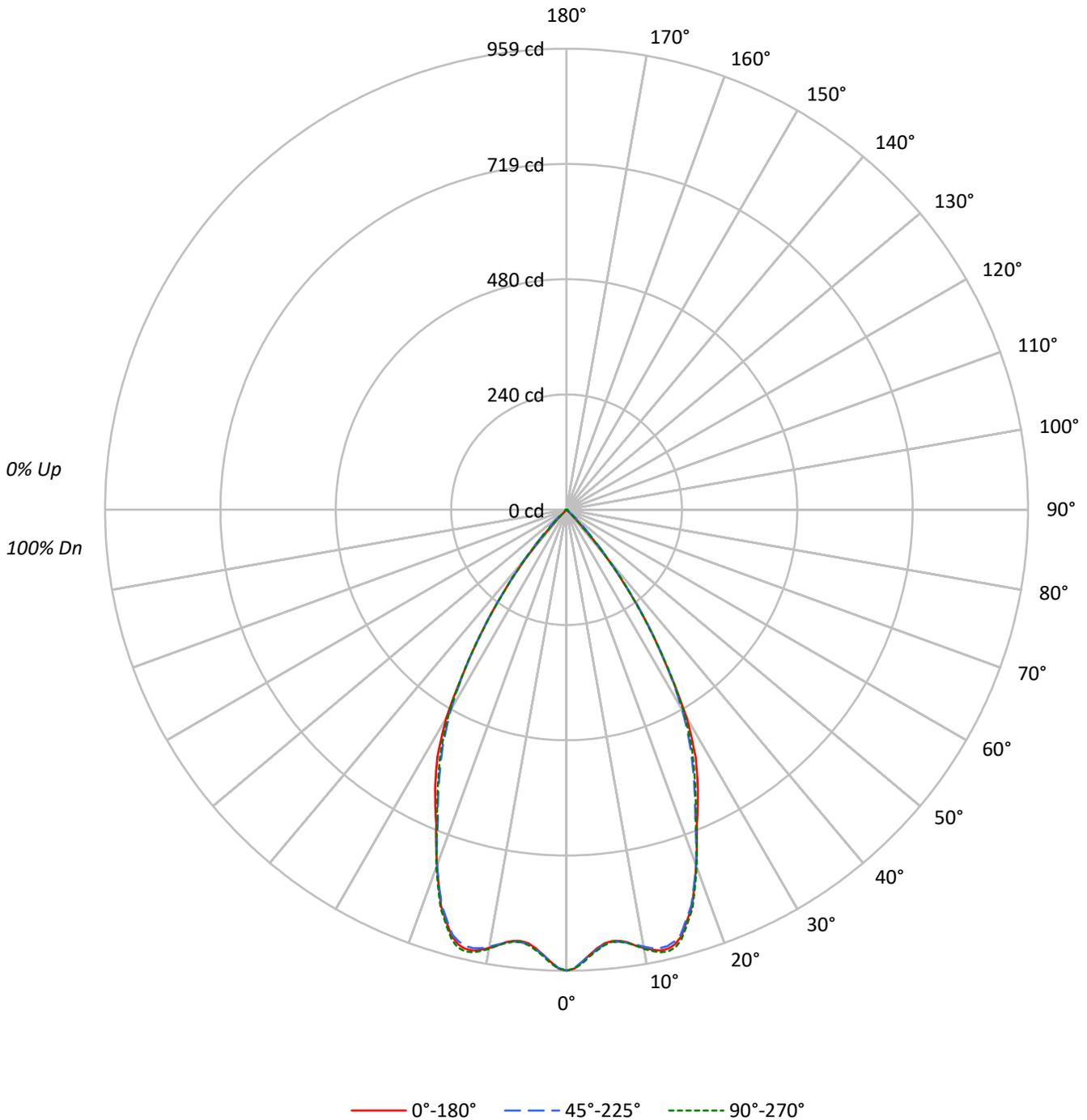
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 855.0 lumens
Efficiency: N/A
Efficacy: 58.2 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.92 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.7
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: P1323828
CATALOG NUMBER: LDSQA3D09R609030D2WDE010 3LSQCDR1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1323828

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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	114	111	108	106	111	109	107	105	105	103	101	101	100	98	98	96	95	95	95	95	94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	89	89	89	87
3	103	97	92	88	101	95	91	87	93	89	86	90	87	84	88	85	83	83	83	83	82
4	98	90	85	81	96	89	84	80	87	83	79	85	81	79	83	80	78	78	78	78	76
5	93	85	79	75	91	84	79	75	82	77	74	80	76	73	79	75	73	73	73	73	71
6	88	80	74	70	87	79	73	69	77	73	69	76	72	68	75	71	68	68	68	68	67
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	64	64	64	62
8	80	71	65	61	79	70	65	61	69	64	60	68	64	60	67	63	60	60	60	60	59
9	76	67	61	57	75	66	61	57	65	60	57	65	60	57	64	60	56	56	56	56	55
10	73	63	58	54	72	63	57	54	62	57	54	61	57	53	61	56	53	53	53	53	52

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	165093	165093	165093
5°	156474	156924	157166
10°	161903	161431	162253
15°	163874	163160	164836
20°	144293	144183	144916
25°	122795	119242	120249
30°	99115	95654	97245
35°	62716	63284	62590
40°	29317	30531	29766
45°	1802	10741	2119
50°	884	2519	884
55°	991	991	991
60°	930	930	930
65°	815	1100	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: 10741 cd/sqm



TEST NUMBER: P1323828

CATALOG NUMBER: LDSQA3D09R609030D2WDE010 3LSQCDR1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.3	10.2
10°-20°	251.6	29.4
20°-30°	290.0	33.9
30°-40°	186.3	21.8
40°-50°	32.4	3.8
50°-60°	3.1	0.4
60°-70°	2.4	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°	629.0	73.6
0°-40°	815.3	95.4
0°-60°	850.7	99.5
0°-90°	855.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	855.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	959	959	959	959	959	
5°	905	907	908	910	909	87
15°	919	916	915	921	924	252
25°	646	639	628	628	633	295
35°	298	296	301	295	298	186
45°	7	22	44	26	9	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°	958.6	958.6	958.6	958.6	958.6
1°	954.6	953.9	953.2	953.9	954.6
2°	941.2	940.5	939.8	942.5	943.9
3°	926.5	927.1	927.8	929.1	929.8
4°	914.4	915.8	916.4	917.8	918.4
5°	905.1	907.1	907.7	909.7	909.1
6°	902.4	903.7	904.4	905.1	903.7
7°	903.7	904.4	905.1	906.4	905.1
8°	908.4	909.1	909.7	910.4	910.4
9°	917.8	916.4	915.8	918.4	917.8
10°	925.8	923.8	923.1	927.1	927.8
11°	932.5	929.8	929.1	933.8	935.2
12°	937.2	933.2	932.5	938.5	941.2
13°	937.2	931.8	931.8	938.5	942.5
14°	931.8	925.8	925.8	933.2	937.8
15°	919.1	915.8	915.1	921.1	924.5
17.5°	865.6	861.6	862.3	868.9	869.6
20°	787.3	785.3	786.7	788.0	790.7
22.5°	707.7	706.4	699.0	701.0	702.4
25°	646.2	638.8	627.5	628.1	632.8
27.5°	581.3	573.9	557.9	561.2	565.9
30°	498.4	492.3	481.0	483.0	489.0
32.5°	391.3	403.4	392.7	396.0	394.0
35°	298.3	296.3	301.0	295.0	297.7
37.5°	210.0	210.7	212.7	207.4	207.4
40°	130.4	133.8	135.8	133.1	132.4
42.5°	54.9	74.9	78.9	74.9	55.5
45°	7.4	22.1	44.1	26.1	8.7
47.5°	3.3	4.7	23.4	4.7	3.3
50°	3.3	3.3	9.4	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°	2.7	2.7	2.7	2.7	2.7
62.5°	2.7	2.7	2.7	2.7	2.7
65°	2.0	2.7	2.7	2.7	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



TEST NUMBER: P1323828
CATALOG NUMBER: LDSQA3D09R609030D2WDE010 3LSQCDR1MW

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)