

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: P1323844

Luminaire Tested: LDSQA3D09R709030D2WDE010 3LSQCLDWWR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323844
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R709030D2WDE010 3LSQCLDWWWR1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R70 optic, 3000K CCT AND, 90CRI ,
3LSQCLDWWWR1MW TRIM
Light Source: -
Ballast/Driver: -

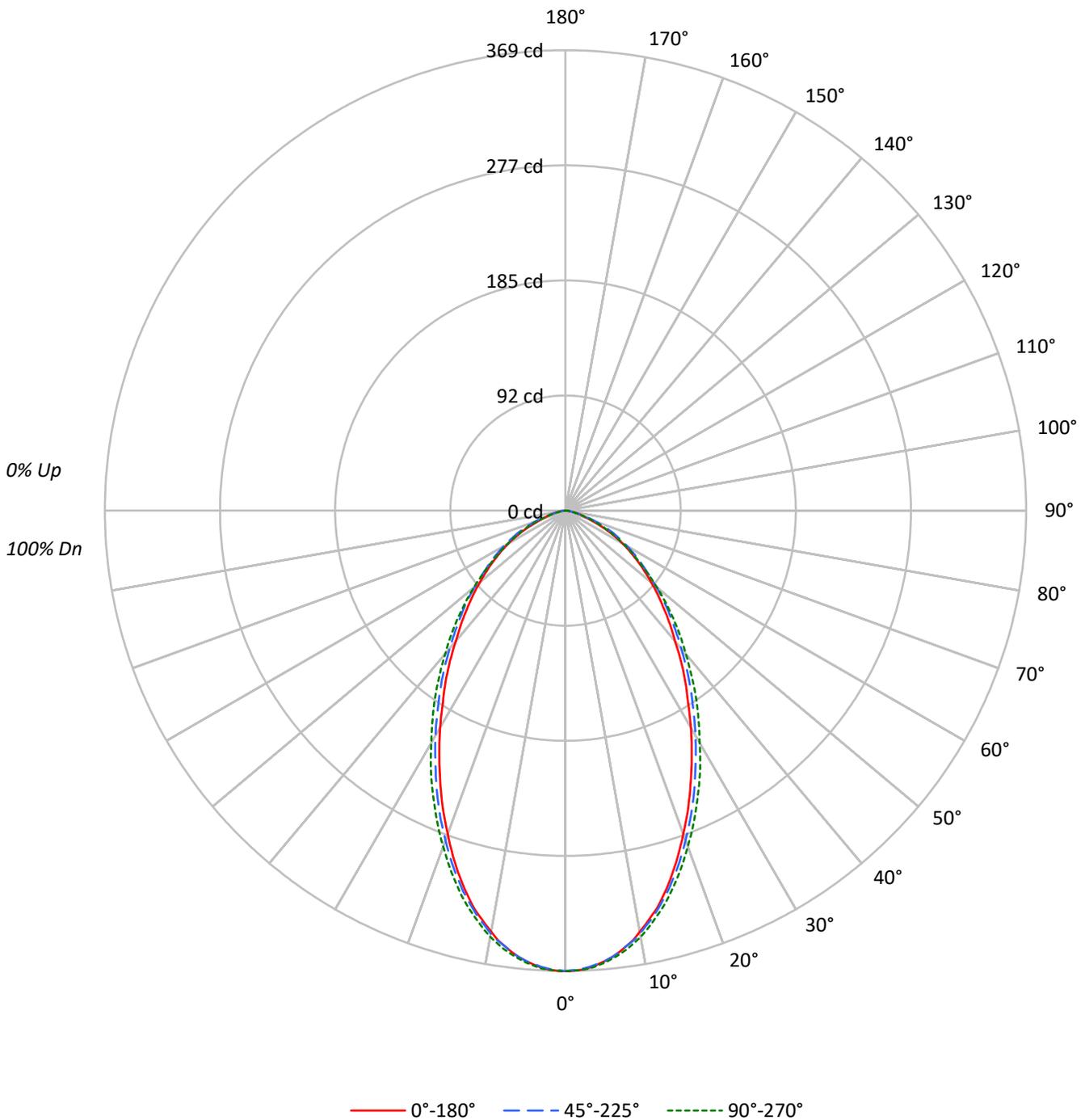
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 554.0 lumens
Efficiency: N/A
Efficacy: 37.7 lumens/watt
Spacing Criteria (0/90/45): 0.9 / 0.94 / 1.01
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: P1323844
CATALOG NUMBER: LDSQA3D09R709030D2WDE010 3LSQCLDWWR1MW

Luminous Intensity Polar Plot





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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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	111	107	104	101	109	105	102	99	101	98	96	97	95	93	94	92	91	89
2	103	96	91	86	101	95	89	85	91	87	83	88	84	81	85	82	80	78
3	95	87	80	75	93	85	79	74	82	77	73	80	75	71	77	74	70	68
4	89	78	71	65	87	77	70	65	75	69	64	73	67	63	71	66	62	61
5	83	71	64	58	81	70	63	58	68	62	57	67	61	57	65	60	56	54
6	77	65	58	52	75	64	57	52	63	56	51	61	55	51	60	55	51	49
7	72	60	52	47	70	59	52	47	58	51	47	57	51	46	55	50	46	44
8	68	56	48	43	66	55	48	43	54	47	42	53	47	42	51	46	42	40
9	64	52	44	39	62	51	44	39	50	44	39	49	43	39	48	43	39	37
10	60	48	41	36	59	48	41	36	47	40	36	46	40	36	45	40	36	34

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	63550	63550	63550
5°	62635	62635	62859
10°	59949	60194	60666
15°	55879	56360	57073
20°	50566	51537	52527
25°	45169	46443	47716
30°	39952	41424	42736
35°	35195	36751	38286
40°	30711	32374	33723
45°	27230	28716	29690
50°	24033	25293	25668
55°	21108	22309	21709
60°	18221	19599	18669
65°	14467	16912	15282
70°	10474	13143	11481
75°	8052	8451	7120
80°	5356	5356	3967
85°	2569	2569	2569

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 45°
 Luminance: 29690 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.0	6.1
10°-20°	88.3	15.9
20°-30°	112.2	20.3
30°-40°	109.1	19.7
40°-50°	90.8	16.4
50°-60°	65.4	11.8
60°-70°	38.5	7.0
70°-80°	13.6	2.5
80°-90°	2.0	0.4
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°	234.5	42.3
0°-40°	343.7	62.0
0°-60°	499.9	90.2
0°-90°	554.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	554.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	369	369	369	369	369	
5°	362	362	362	362	364	34
15°	313	313	316	318	320	87
25°	238	240	244	249	251	109
35°	167	169	175	180	182	105
45°	112	114	118	120	122	86
55°	70	72	74	74	72	63
65°	36	38	42	40	38	35
75°	12	13	13	11	11	13
85°	1	1	1	1	1	2
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	369.0	369.0	369.0	369.0	369.0
1°	369.0	368.3	368.3	368.3	369.0
2°	368.3	367.6	367.6	367.6	368.3
3°	366.9	366.3	366.3	366.3	367.6
4°	364.9	363.6	364.3	364.3	365.6
5°	362.3	361.6	362.3	362.3	363.6
6°	359.6	358.9	359.6	359.6	360.9
7°	356.2	355.6	356.2	356.9	358.2
8°	352.2	351.5	352.2	352.9	354.9
9°	348.2	347.5	348.9	349.5	350.9
10°	342.8	342.8	344.2	344.9	346.9
11°	337.5	337.5	338.8	340.2	342.2
12°	332.1	332.1	334.1	335.5	336.8
13°	326.8	326.1	328.1	329.5	331.5
14°	320.1	319.4	322.1	324.1	326.1
15°	313.4	313.4	316.1	318.1	320.1
17.5°	295.3	296.0	299.3	302.0	304.0
20°	275.9	277.9	281.2	284.6	286.6
22.5°	257.1	258.5	263.2	267.2	269.2
25°	237.7	240.4	244.4	249.1	251.1
27.5°	219.0	221.6	225.7	230.3	233.7
30°	200.9	202.9	208.3	212.9	214.9
32.5°	182.8	185.5	190.8	195.5	198.2
35°	167.4	169.4	174.8	179.5	182.1
37.5°	152.0	154.0	159.4	163.4	165.4
40°	136.6	139.9	144.0	148.0	150.0
42.5°	123.9	126.6	130.6	133.9	135.9
45°	111.8	113.8	117.9	120.5	121.9
47.5°	100.4	102.5	106.5	107.8	108.5
50°	89.7	91.7	94.4	95.1	95.8
52.5°	79.7	81.0	83.7	83.7	83.0
55°	70.3	72.3	74.3	73.7	72.3
57.5°	61.6	62.3	65.6	64.3	62.9
60°	52.9	54.2	56.9	55.6	54.2
62.5°	44.2	45.5	48.9	47.5	45.5
65°	35.5	38.2	41.5	39.5	37.5
67.5°	26.8	30.1	33.5	31.5	30.1
70°	20.8	23.4	26.1	24.1	22.8
72.5°	16.1	17.4	18.7	17.4	16.1
75°	12.1	12.7	12.7	11.4	10.7
77.5°	8.7	9.4	8.0	6.7	6.7
80°	5.4	6.0	5.4	4.0	4.0
82.5°	2.7	3.3	2.7	2.7	2.7
85°	1.3	1.3	1.3	1.3	1.3
87.5°	0.7	0.7	0.7	0.7	0.7



TEST NUMBER: P1323844
CATALOG NUMBER: LDSQA3D09R709030D2WDE010 3LSQCLDWWR1MW

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)