

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: P1323840

Luminaire Tested: LDSQA3D09R709030D2WDE010 3LSQCDR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323840
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-31)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R709030D2WDE010 3LSQCDR1MMS
Description: 3in Adjustable Dim to Warm LED luminaire with, R70 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

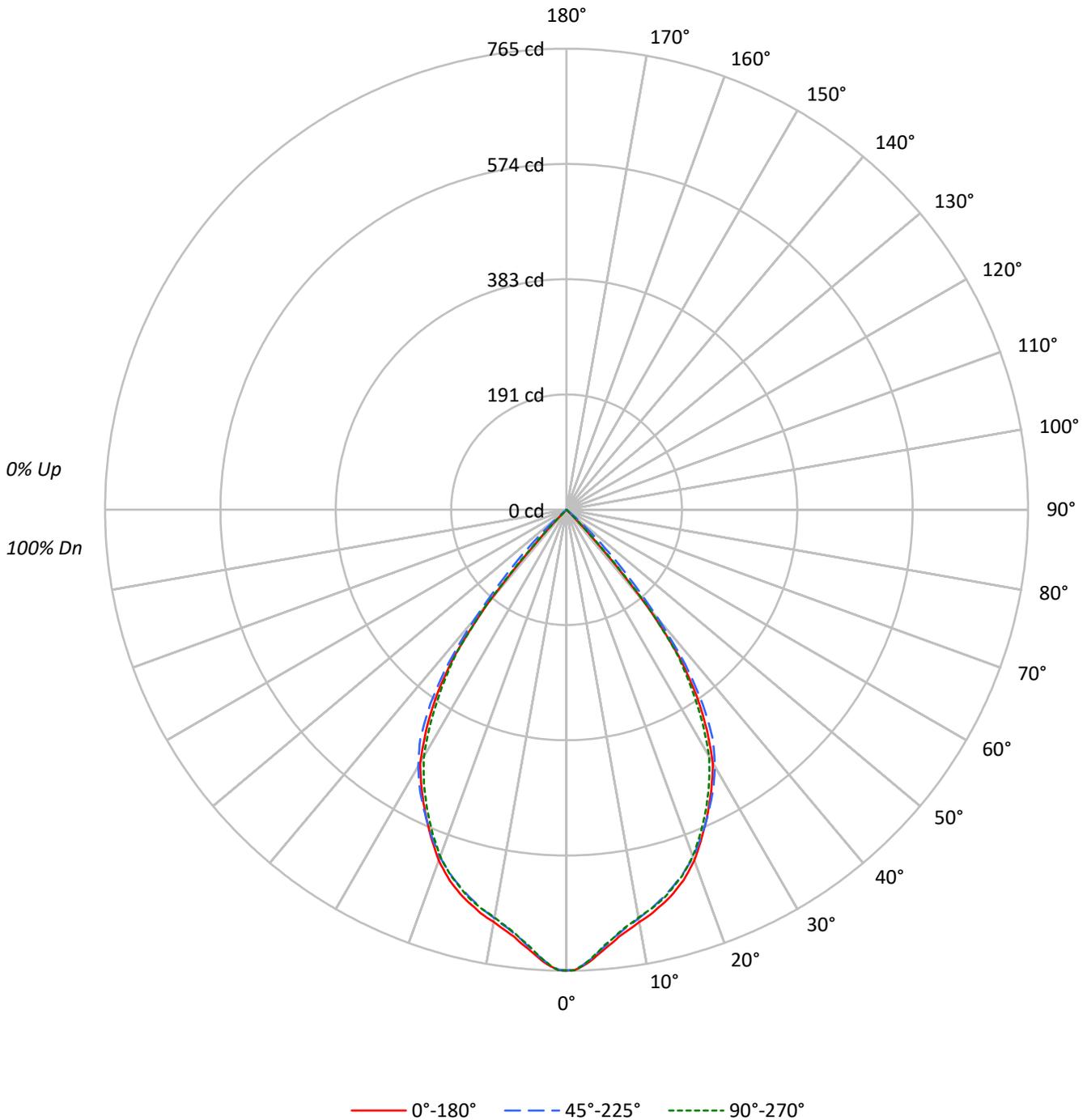
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 791.0 lumens
Efficiency: N/A
Efficacy: 53.8 lumens/watt
Spacing Criteria (0/90/45): 1 / 0.99 / 1.03
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: P1323840
CATALOG NUMBER: LDSQA3D09R709030D2WDE010 3LSQCDR1MMS

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	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	113	111	108	106	111	108	106	104	104	103	101	101	99	98	97	96	95	93	93	93	93
2	108	103	98	95	105	101	97	94	98	95	92	95	92	90	92	90	88	86	86	86	86
3	102	95	90	86	100	94	89	85	91	87	84	89	86	83	87	84	81	80	80	80	80
4	96	89	83	79	95	88	82	78	85	81	77	83	79	76	81	78	75	74	74	74	74
5	91	83	77	72	90	82	76	72	80	75	71	78	74	71	77	73	70	68	68	68	68
6	86	77	71	67	85	76	71	66	75	70	66	73	69	65	72	68	65	63	63	63	63
7	82	72	66	62	80	71	66	61	70	65	61	69	64	61	68	64	60	59	59	59	59
8	78	68	61	57	76	67	61	57	66	61	57	65	60	57	64	60	56	55	55	55	55
9	74	63	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53	51	51	51	51
10	70	60	54	50	69	59	53	50	58	53	49	58	53	49	57	52	49	48	48	48	48

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	131681	131681	131681
5°	126393	125701	125356
10°	121419	120370	120142
15°	118550	116874	117124
20°	113521	112421	112183
25°	105370	105636	103983
30°	96450	97782	94044
35°	78905	82689	75793
40°	45414	52945	46628
45°	658	21993	2289
50°	0	2331	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: 21993 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.2	8.6
10°-20°	184.8	23.4
20°-30°	253.9	32.1
30°-40°	230.2	29.1
40°-50°	53.5	6.8
50°-60°	0.3	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°	507.0	64.1
0°-40°	737.2	93.2
0°-60°	791.0	100.0
0°-90°	791.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	791.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	765	765	765	765	765	
5°	731	729	727	726	725	69
15°	665	660	656	656	657	187
25°	554	557	556	550	547	254
35°	375	381	393	377	360	225
45°	3	30	90	39	9	32
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°	764.6	764.6	764.6	764.6	764.6
1°	763.9	762.6	763.2	763.9	764.6
2°	757.9	756.5	756.5	757.2	757.2
3°	750.5	747.8	747.8	747.2	747.2
4°	740.5	738.5	737.1	736.5	736.5
5°	731.1	729.1	727.1	725.8	725.1
6°	723.1	719.8	717.1	716.4	717.1
7°	713.7	711.7	709.0	707.0	707.7
8°	707.0	704.4	701.0	699.7	699.7
9°	701.0	698.3	695.0	692.3	693.7
10°	694.3	691.7	688.3	686.3	687.0
11°	689.7	686.3	682.3	681.0	681.6
12°	684.3	680.3	676.3	675.6	676.9
13°	677.6	673.6	669.6	669.6	670.9
14°	671.6	666.9	662.9	662.9	664.9
15°	664.9	660.2	655.5	655.5	656.9
17.5°	644.8	640.8	636.1	636.1	636.8
20°	619.4	617.4	613.4	611.4	612.1
22.5°	587.3	587.3	585.3	582.0	580.6
25°	554.5	557.2	555.9	550.5	547.2
27.5°	520.4	525.1	525.8	517.7	511.7
30°	485.0	489.0	491.7	482.3	472.9
32.5°	432.8	444.8	451.5	438.8	419.4
35°	375.3	380.6	393.3	376.6	360.5
37.5°	305.0	311.7	322.4	309.0	299.7
40°	202.0	228.8	235.5	228.8	207.4
42.5°	72.9	128.4	154.5	131.1	85.6
45°	2.7	30.1	90.3	38.8	9.4
47.5°	0.0	0.7	40.8	1.3	0.0
50°	0.0	0.0	8.7	0.0	0.0
52.5°	0.0	0.0	0.7	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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CATALOG NUMBER: LDSQA3D09R709030D2WDE010 3LSQCDR1MMS

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)