

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: P1323843

Luminaire Tested: LDSQA3D09R709030D2WDE010 3LSQCLDWWR1MMS

Issue Date: 1/29/2026

**Test Information**

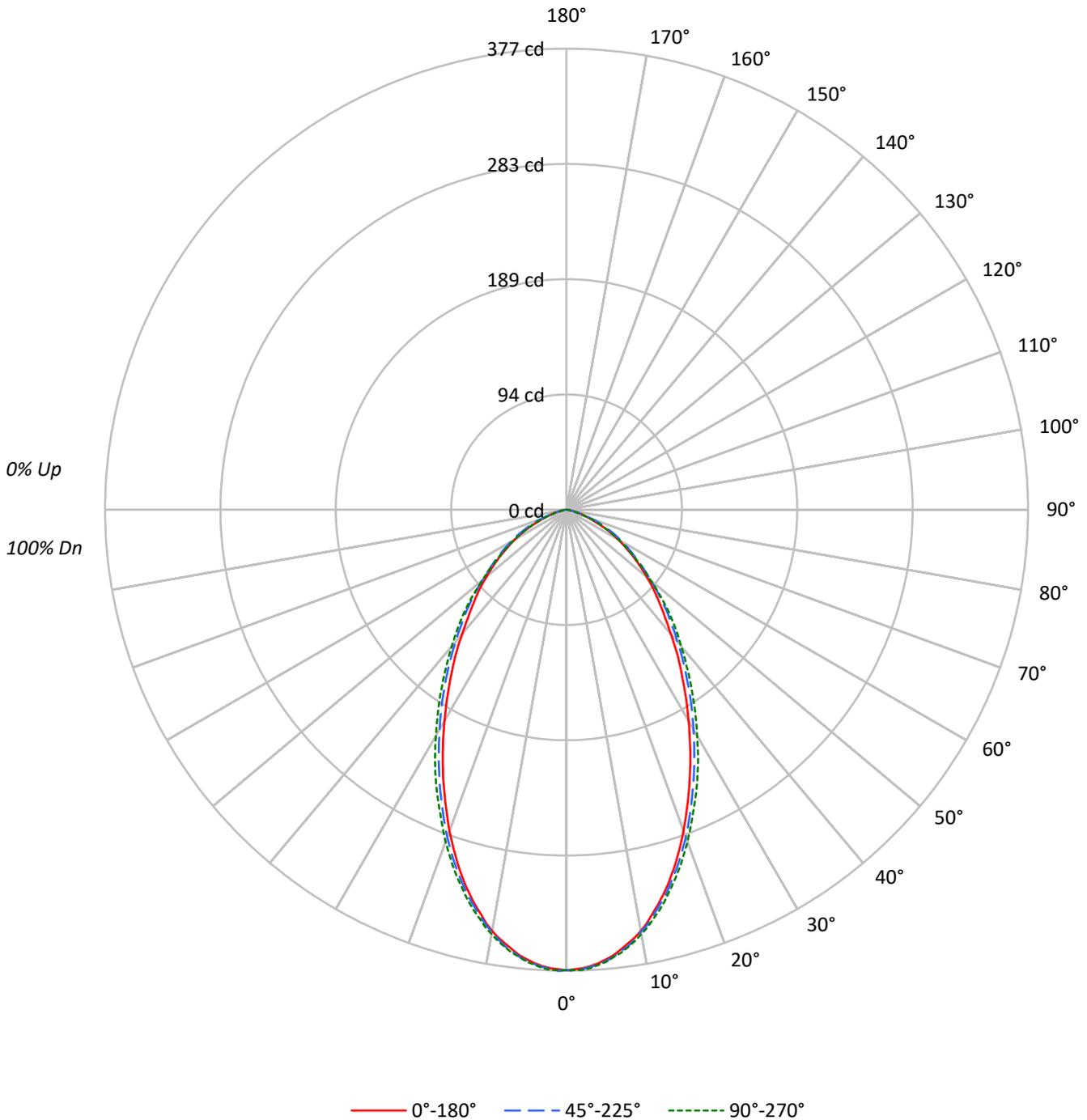
Test Method: LM-79-2019  
Report Number: P1323843  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-46)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D09R709030D2WDE010 3LSQCLDWWWR1MMS  
Description: 3in Adjustable Dim to Warm LED luminaire with, R70 optic, 3000K CCT AND, 90CRI ,  
3LSQCLDWWWR1MMS TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 539.0 lumens  
Efficiency: N/A  
Efficacy: 36.7 lumens/watt  
Spacing Criteria (0/90/45): 0.89 / 0.93 / 0.99  
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

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### 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	108	104	102	109	106	103	100	101	99	97	98	96	94	94	93	91	89
2	103	97	92	87	101	95	90	86	92	88	84	89	85	82	86	83	80	79
3	96	87	81	76	94	86	80	75	83	78	74	81	76	72	78	74	71	69
4	89	79	72	66	87	78	71	66	76	70	65	74	69	64	72	67	64	62
5	83	72	65	59	81	71	64	59	69	63	58	67	62	58	66	61	57	55
6	78	66	59	53	76	65	58	53	64	57	53	62	56	52	61	56	52	50
7	73	61	53	48	71	60	53	48	59	52	48	58	52	47	56	51	47	45
8	68	57	49	44	67	56	49	44	55	48	44	53	48	43	52	47	43	41
9	64	53	45	40	63	52	45	40	51	45	40	50	44	40	49	44	40	38
10	61	49	42	37	60	49	42	37	48	41	37	47	41	37	46	41	37	35

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	64842	64842	64842
5°	63810	64052	64173
10°	61173	61278	61628
15°	56752	57234	57715
20°	51226	52215	52948
25°	45359	46633	47773
30°	39634	41225	42418
35°	34438	36267	37403
40°	29766	31722	32779
45°	26061	27863	28667
50°	22935	24007	24007
55°	19877	20868	20268
60°	16809	17980	17050
65°	13081	14996	13611
70°	9416	11128	9416
75°	7120	6654	5323
80°	4661	3273	1289
85°	1383	0	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 90°  
 Vertical Angle: 45°  
 Luminance: 28667 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	34.7	6.4
10°-20°	89.6	16.6
20°-30°	112.5	20.9
30°-40°	107.4	19.9
40°-50°	87.3	16.2
50°-60°	61.1	11.3
60°-70°	34.5	6.4
70°-80°	10.9	2.0
80°-90°	0.9	0.2
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°	236.8	43.9
0°-40°	344.2	63.9
0°-60°	492.7	91.4
0°-90°	539.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	539.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	376	376	376	376	376	
5°	369	370	370	370	371	35
15°	318	319	321	322	324	89
25°	239	241	245	249	251	109
35°	164	166	172	176	178	103
45°	107	110	114	116	118	83
55°	66	67	70	68	68	59
65°	32	34	37	35	33	32
75°	11	11	10	9	8	12
85°	1	1	0	0	0	1
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	376.5	376.5	376.5	376.5	376.5
1°	375.8	376.5	377.2	375.8	376.5
2°	375.2	375.8	375.8	375.2	376.5
3°	373.8	374.5	374.5	373.8	375.2
4°	371.8	372.5	372.5	371.8	373.2
5°	369.1	369.8	370.5	369.8	371.2
6°	366.5	367.1	367.8	367.1	367.8
7°	362.5	363.8	363.8	363.8	365.1
8°	358.4	359.8	360.5	359.8	361.1
9°	354.4	355.1	355.8	355.8	357.1
10°	349.8	350.4	350.4	351.1	352.4
11°	344.4	344.4	345.7	345.7	347.7
12°	337.7	338.4	339.7	340.4	341.7
13°	331.7	332.4	333.7	334.4	336.4
14°	325.0	326.3	327.7	328.4	330.4
15°	318.3	319.0	321.0	321.7	323.7
17.5°	299.6	300.3	303.6	304.9	307.0
20°	279.5	281.5	284.9	286.9	288.9
22.5°	258.8	260.8	264.8	268.2	269.5
25°	238.7	241.4	245.4	249.4	251.4
27.5°	218.7	221.4	226.0	230.0	232.7
30°	199.3	202.0	207.3	210.7	213.3
32.5°	181.2	183.9	189.9	193.3	195.3
35°	163.8	166.5	172.5	175.9	177.9
37.5°	148.5	151.1	156.5	159.8	161.2
40°	132.4	135.8	141.1	144.4	145.8
42.5°	119.0	121.7	127.1	129.7	131.7
45°	107.0	109.7	114.4	116.4	117.7
47.5°	96.3	97.6	101.6	102.3	103.7
50°	85.6	86.9	89.6	90.3	89.6
52.5°	75.6	76.9	78.9	78.2	78.2
55°	66.2	66.9	69.5	68.2	67.5
57.5°	56.8	58.2	60.9	58.8	58.2
60°	48.8	50.2	52.2	50.8	49.5
62.5°	40.8	41.5	44.8	42.1	40.8
65°	32.1	34.1	36.8	34.8	33.4
67.5°	24.1	27.4	30.1	27.4	26.1
70°	18.7	20.1	22.1	20.7	18.7
72.5°	14.0	14.7	15.4	14.0	12.7
75°	10.7	10.7	10.0	8.7	8.0
77.5°	7.4	7.4	6.0	4.0	4.0
80°	4.7	4.7	3.3	1.3	1.3
82.5°	2.0	2.0	1.3	0.7	0.7
85°	0.7	0.7	0.0	0.0	0.0
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)