

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: P1323695

Luminaire Tested: LDSQA3D05R709030D2WDE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323695
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-43)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R709030D2WDE010 3LSQCDR1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R70 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

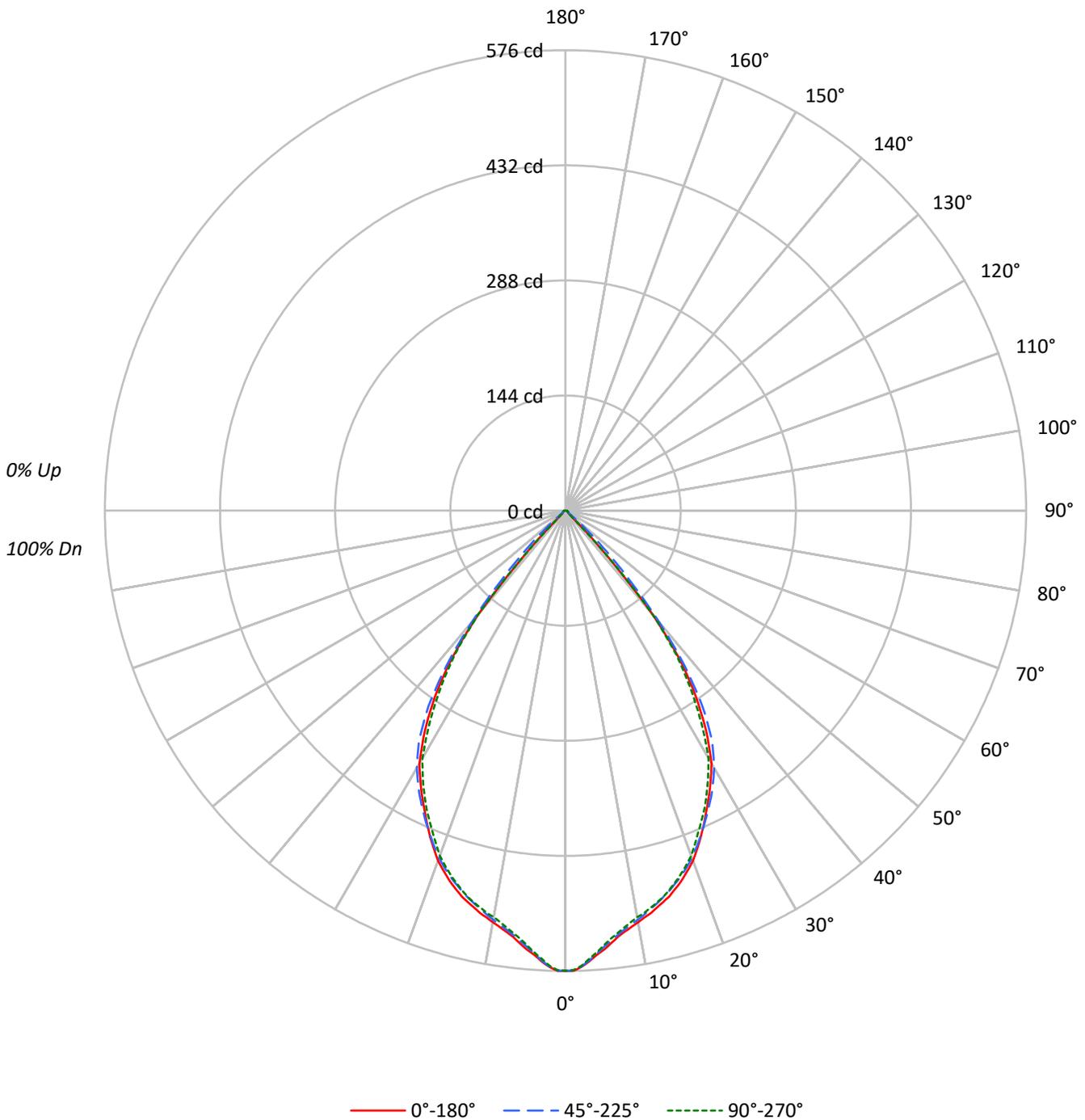
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 614.0 lumens
Efficiency: N/A
Efficacy: 55.3 lumens/watt
Spacing Criteria (0/90/45): 1 / 0.98 / 1.03
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 (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	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	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	95	95	95	93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	87	87	87	86
3	101	95	89	85	99	93	88	84	90	86	83	88	85	82	86	83	80	80	80	80	79
4	96	88	82	77	94	87	81	77	84	80	76	82	78	75	81	77	74	74	74	74	73
5	91	82	75	71	89	81	75	71	79	74	70	77	73	69	76	72	69	69	69	69	67
6	86	76	70	65	84	75	69	65	74	69	65	72	68	64	71	67	64	64	64	64	62
7	81	71	65	60	80	70	64	60	69	64	60	68	63	59	67	62	59	59	59	59	58
8	77	67	60	56	75	66	60	56	65	59	56	64	59	55	63	58	55	55	55	55	54
9	73	62	56	52	72	62	56	52	61	56	52	60	55	52	59	55	51	51	51	51	50
10	69	59	53	48	68	58	52	48	57	52	48	57	52	48	56	51	48	48	48	48	47

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	99166	99166	99166
5°	95326	94808	94462
10°	91462	90937	90325
15°	89149	88168	88079
20°	85425	84783	84233
25°	79089	79659	78139
30°	72646	73938	71154
35°	59899	62737	57607
40°	38152	41052	38152
45°	2679	17755	2923
50°	1206	3617	1206
55°	1351	1351	1351
60°	1378	1378	1378
65°	1223	1426	1223
70°	1259	1511	1259
75°	1331	1331	1331
80°	1488	1488	1488
85°	988	1976	988

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 17755 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.4	8.4
10°-20°	139.1	22.7
20°-30°	191.2	31.1
30°-40°	175.1	28.5
40°-50°	46.5	7.6
50°-60°	4.2	0.7
60°-70°	3.4	0.6
70°-80°	2.3	0.4
80°-90°	0.9	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°	381.7	62.2
0°-40°	556.9	90.7
0°-60°	607.5	98.9
0°-90°	614.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	614.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	576	576	576	576	576	
5°	551	549	548	547	546	52
15°	500	496	494	494	494	140
25°	416	418	419	414	411	191
35°	285	289	298	285	274	173
45°	11	37	73	38	12	33
55°	4	4	4	4	4	4
65°	3	4	4	4	3	3
75°	2	2	2	2	2	2
85°	0	1	1	1	0	1
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	575.8	575.8	575.8	575.8	575.8
1°	575.8	574.8	575.8	575.8	574.8
2°	571.4	570.4	570.9	570.4	569.9
3°	564.9	563.4	563.9	562.9	561.9
4°	557.4	555.9	555.9	555.4	554.4
5°	551.4	548.9	548.4	547.4	546.4
6°	544.4	541.9	541.4	539.9	538.9
7°	537.4	535.4	534.9	532.9	532.9
8°	531.9	529.4	529.4	526.9	526.9
9°	527.4	524.4	524.4	522.5	521.5
10°	523.0	520.0	520.0	517.5	516.5
11°	518.5	516.0	515.0	513.5	513.0
12°	514.5	511.0	510.0	509.5	508.5
13°	509.5	506.0	505.0	504.5	504.0
14°	505.0	500.5	500.0	499.0	499.5
15°	500.0	495.5	494.5	494.5	494.0
17.5°	484.5	481.5	480.0	479.0	478.0
20°	466.1	463.6	462.6	460.6	459.6
22.5°	442.1	441.6	441.1	438.6	434.6
25°	416.2	417.7	419.2	414.2	411.2
27.5°	391.2	395.2	396.7	391.7	385.2
30°	365.3	368.8	371.8	364.8	357.8
32.5°	327.8	336.3	340.8	332.8	316.9
35°	284.9	289.4	298.4	284.9	274.0
37.5°	235.0	237.5	244.5	235.5	228.0
40°	169.7	177.1	182.6	177.1	169.7
42.5°	76.3	106.8	120.8	112.8	79.8
45°	11.0	37.4	72.9	37.9	12.0
47.5°	4.5	6.0	37.9	5.5	4.5
50°	4.5	4.5	13.5	4.5	4.5
52.5°	4.5	4.5	5.0	4.5	4.5
55°	4.5	4.5	4.5	4.5	4.5
57.5°	4.0	4.0	4.5	4.0	4.0
60°	4.0	4.0	4.0	4.0	4.0
62.5°	3.5	4.0	4.0	4.0	3.5
65°	3.0	3.5	3.5	3.5	3.0
67.5°	3.0	3.0	3.0	3.0	3.0
70°	2.5	3.0	3.0	3.0	2.5
72.5°	2.5	2.5	2.5	2.5	2.5
75°	2.0	2.0	2.0	2.0	2.0
77.5°	1.5	2.0	2.0	2.0	1.5
80°	1.5	1.5	1.5	1.5	1.5
82.5°	1.0	1.0	1.0	1.0	1.0
85°	0.5	1.0	1.0	1.0	0.5
87.5°	0.5	0.5	0.5	0.5	0.5



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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)