

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: P1323552

Luminaire Tested: LDSQA3D02R709030D2WDE010 3LSQCLDWWR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323552
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: LDSQA3D02R709030D2WDE010 3LSQCLDWWWR1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R70 optic, 3000K CCT AND, 90CRI ,
3LSQCLDWWWR1MW TRIM
Light Source: -
Ballast/Driver: -

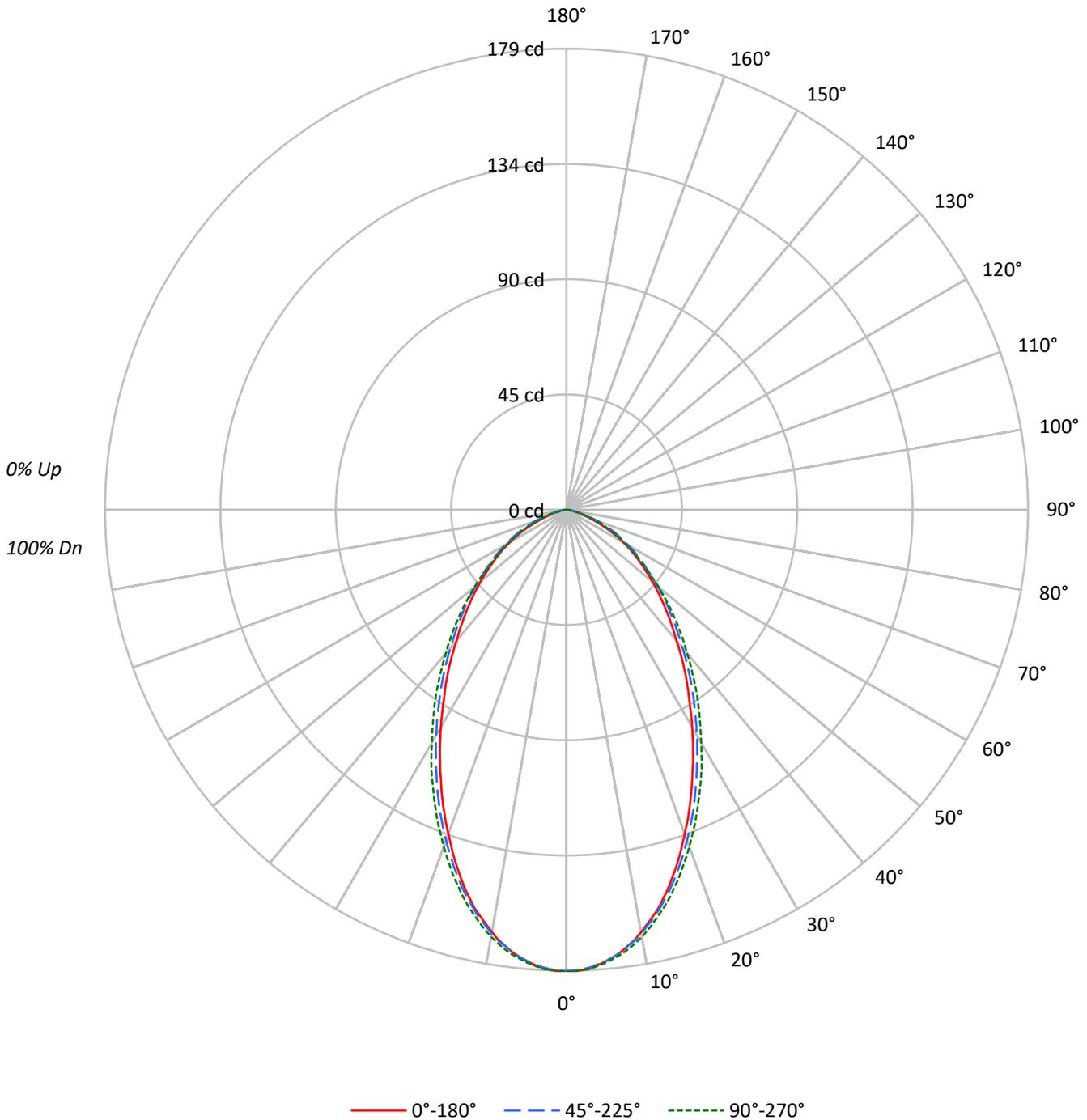
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 269.0 lumens
Efficiency: N/A
Efficacy: 37.4 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): 7.2
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	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°	30862	30862	30862
5°	30410	30410	30513
10°	29117	29222	29450
15°	27137	27369	27708
20°	24559	25035	25512
25°	21929	22556	23164
30°	19389	20105	20762
35°	17093	17850	18586
40°	14906	15715	16367
45°	13225	13932	14419
50°	11682	12271	12459
55°	10239	10839	10539
60°	8852	9507	9059
65°	7009	8232	7417
70°	5086	6395	5589
75°	3926	4126	3460
80°	2579	2579	1984
85°	1383	1383	1383

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 45°
 Luminance: 14419 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.5	6.1
10°-20°	42.9	15.9
20°-30°	54.5	20.3
30°-40°	53.0	19.7
40°-50°	44.1	16.4
50°-60°	31.8	11.8
60°-70°	18.7	7.0
70°-80°	6.6	2.5
80°-90°	1.0	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°	113.9	42.3
0°-40°	166.9	62.0
0°-60°	242.7	90.2
0°-90°	269.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	269.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	179	179	179	179	179	
5°	176	176	176	176	176	17
15°	152	152	154	154	155	42
25°	115	117	119	121	122	53
35°	81	82	85	87	88	51
45°	54	55	57	58	59	42
55°	34	35	36	36	35	31
65°	17	18	20	19	18	17
75°	6	6	6	6	5	6
85°	1	1	1	1	1	1
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	179.2	179.2	179.2	179.2	179.2
1°	179.2	178.8	178.8	178.8	179.2
2°	178.8	178.5	178.5	178.5	178.8
3°	178.2	177.9	177.9	177.9	178.5
4°	177.2	176.5	176.9	176.9	177.5
5°	175.9	175.6	175.9	175.9	176.5
6°	174.6	174.3	174.6	174.6	175.2
7°	173.0	172.6	173.0	173.3	173.9
8°	171.0	170.7	171.0	171.3	172.3
9°	169.1	168.7	169.4	169.7	170.4
10°	166.5	166.5	167.1	167.4	168.4
11°	163.9	163.9	164.5	165.2	166.1
12°	161.3	161.3	162.2	162.9	163.5
13°	158.7	158.3	159.3	160.0	160.9
14°	155.4	155.1	156.4	157.4	158.3
15°	152.2	152.2	153.5	154.4	155.4
17.5°	143.4	143.7	145.3	146.6	147.6
20°	134.0	134.9	136.6	138.2	139.2
22.5°	124.9	125.5	127.8	129.7	130.7
25°	115.4	116.7	118.7	121.0	121.9
27.5°	106.3	107.6	109.6	111.8	113.5
30°	97.5	98.5	101.1	103.4	104.4
32.5°	88.8	90.1	92.7	94.9	96.2
35°	81.3	82.3	84.9	87.1	88.4
37.5°	73.8	74.8	77.4	79.3	80.3
40°	66.3	68.0	69.9	71.9	72.8
42.5°	60.2	61.5	63.4	65.0	66.0
45°	54.3	55.3	57.2	58.5	59.2
47.5°	48.8	49.7	51.7	52.3	52.7
50°	43.6	44.5	45.8	46.2	46.5
52.5°	38.7	39.3	40.6	40.6	40.3
55°	34.1	35.1	36.1	35.8	35.1
57.5°	29.9	30.2	31.9	31.2	30.6
60°	25.7	26.3	27.6	27.0	26.3
62.5°	21.5	22.1	23.7	23.1	22.1
65°	17.2	18.5	20.2	19.2	18.2
67.5°	13.0	14.6	16.3	15.3	14.6
70°	10.1	11.4	12.7	11.7	11.1
72.5°	7.8	8.5	9.1	8.5	7.8
75°	5.9	6.2	6.2	5.5	5.2
77.5°	4.2	4.6	3.9	3.3	3.3
80°	2.6	2.9	2.6	2.0	2.0
82.5°	1.3	1.6	1.3	1.3	1.3
85°	0.7	0.7	0.7	0.7	0.7
87.5°	0.3	0.3	0.3	0.3	0.3



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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)