

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: P1323619

Luminaire Tested: LDSQA3D05R309030D2WDE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323619
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R309030D2WDE010 3LSQPHRLD1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,
3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

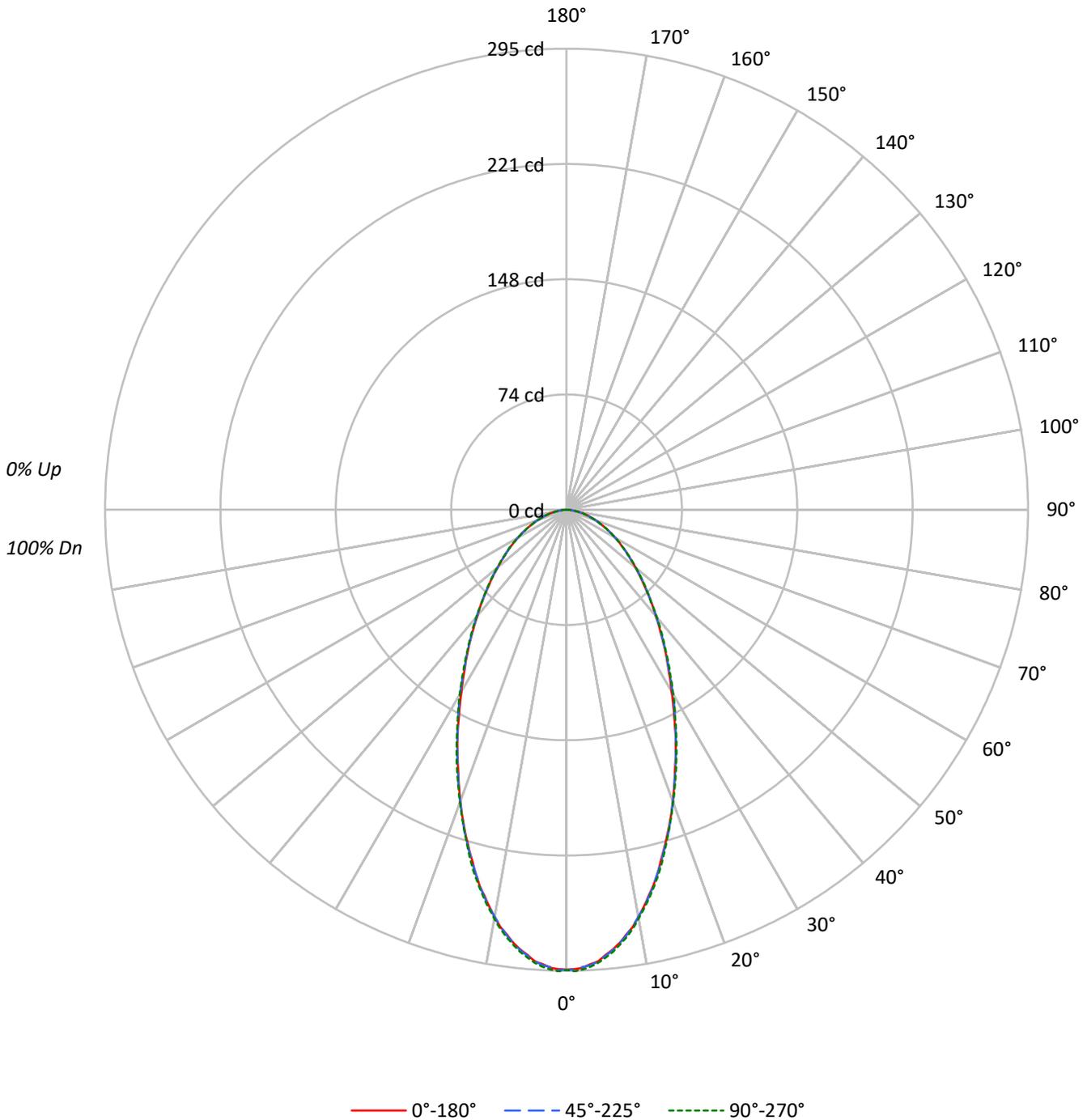
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 378.0 lumens
Efficiency: N/A
Efficacy: 34.1 lumens/watt
Spacing Criteria (0/90/45): 0.81 / 0.81 / 0.9
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	111	107	103	100	108	105	102	99	101	98	96	97	95	93	93	92	90	90	90	90	88
2	103	96	90	85	100	94	89	84	91	86	83	87	84	81	85	82	79	79	79	79	77
3	95	86	80	74	93	85	79	74	82	77	72	79	75	71	77	73	70	70	70	70	68
4	89	78	71	65	86	77	70	65	75	69	64	73	67	63	71	66	62	62	62	62	60
5	83	72	64	58	81	71	63	58	69	62	57	67	61	57	65	60	56	56	56	56	54
6	77	66	58	52	76	65	58	52	63	57	52	62	56	51	60	55	51	51	51	51	49
7	72	61	53	48	71	60	53	47	58	52	47	57	51	47	56	51	47	47	47	47	45
8	68	56	49	44	67	56	48	43	54	48	43	53	47	43	52	47	43	43	43	43	41
9	64	52	45	40	63	52	45	40	51	44	40	50	44	40	49	43	40	40	40	40	38
10	61	49	42	37	60	48	42	37	48	41	37	47	41	37	46	41	37	37	37	37	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	50702	50702	50702
5°	49444	49530	49720
10°	46273	46273	46448
15°	41490	41579	41864
20°	36417	36417	36508
25°	31392	31392	31601
30°	26728	27026	27145
35°	23085	23190	23295
40°	19987	20099	20211
45°	17439	17585	17585
50°	15406	15406	15540
55°	13812	13812	13812
60°	12434	12434	12434
65°	11084	11084	11084
70°	10021	10021	10021
75°	9050	8717	8717
80°	7736	7240	7240
85°	5138	5138	5138

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 22.5°
 Vertical Angle: 45°
 Luminance: 17585 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.7	7.1
10°-20°	65.0	17.2
20°-30°	75.9	20.1
30°-40°	69.1	18.3
40°-50°	55.8	14.8
50°-60°	41.2	10.9
60°-70°	27.1	7.2
70°-80°	14.0	3.7
80°-90°	3.2	0.8
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°	167.6	44.3
0°-40°	236.6	62.6
0°-60°	333.6	88.3
0°-90°	378.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	378.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	294	294	294	294	294	
5°	286	286	286	286	288	27
15°	233	233	233	233	235	65
25°	165	165	165	165	166	76
35°	110	109	110	110	111	69
45°	72	72	72	72	72	56
55°	46	46	46	46	46	41
65°	27	27	27	27	27	27
75°	14	13	13	13	13	14
85°	3	3	3	3	3	3
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	294.4	294.4	294.4	294.4	294.4
1°	293.9	293.9	294.4	293.9	295.4
2°	293.3	292.8	292.8	292.8	294.4
3°	291.2	291.2	291.8	291.2	292.8
4°	289.7	289.2	289.7	289.2	290.7
5°	286.0	286.0	286.5	286.5	287.6
6°	282.9	282.9	283.4	282.9	284.4
7°	279.2	279.2	279.2	279.2	280.3
8°	274.5	274.5	275.0	275.0	276.1
9°	270.3	269.8	269.8	269.8	271.4
10°	264.6	264.6	264.6	264.6	265.6
11°	258.8	258.8	258.8	258.8	259.9
12°	252.5	252.5	253.1	252.5	254.1
13°	246.8	246.8	246.8	246.8	247.8
14°	240.0	239.5	240.0	240.0	241.6
15°	232.7	233.2	233.2	233.2	234.8
17.5°	215.9	215.9	216.5	215.4	216.5
20°	198.7	198.2	198.7	198.7	199.2
22.5°	180.9	181.4	181.4	181.4	182.5
25°	165.2	164.7	165.2	165.2	166.3
27.5°	149.0	149.5	150.1	149.5	150.6
30°	134.4	135.4	135.9	134.9	136.5
32.5°	121.3	121.3	121.8	122.4	122.9
35°	109.8	109.3	110.3	110.3	110.8
37.5°	98.8	98.8	98.8	99.3	99.9
40°	88.9	88.9	89.4	89.4	89.9
42.5°	80.0	79.5	80.0	80.0	80.0
45°	71.6	72.2	72.2	72.2	72.2
47.5°	64.3	64.3	64.8	64.3	64.8
50°	57.5	57.5	57.5	57.5	58.0
52.5°	51.2	51.2	51.2	51.2	51.8
55°	46.0	45.5	46.0	45.5	46.0
57.5°	40.8	40.8	40.8	40.8	40.8
60°	36.1	35.6	36.1	35.6	36.1
62.5°	31.4	31.4	31.4	31.4	31.4
65°	27.2	27.2	27.2	27.2	27.2
67.5°	23.5	23.5	23.5	23.0	23.0
70°	19.9	19.9	19.9	19.9	19.9
72.5°	16.7	16.2	16.2	16.2	16.2
75°	13.6	13.1	13.1	13.1	13.1
77.5°	10.5	10.5	9.9	9.9	10.5
80°	7.8	7.3	7.3	7.3	7.3
82.5°	4.7	4.7	4.7	4.7	4.7
85°	2.6	2.6	2.6	2.6	2.6
87.5°	0.5	0.5	0.5	1.0	1.0



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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)