

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: P1323536

Luminaire Tested: LDSQA3D02R609030D2WDE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323536
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D02R609030D2WDE010 3LSQCDR1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R60 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

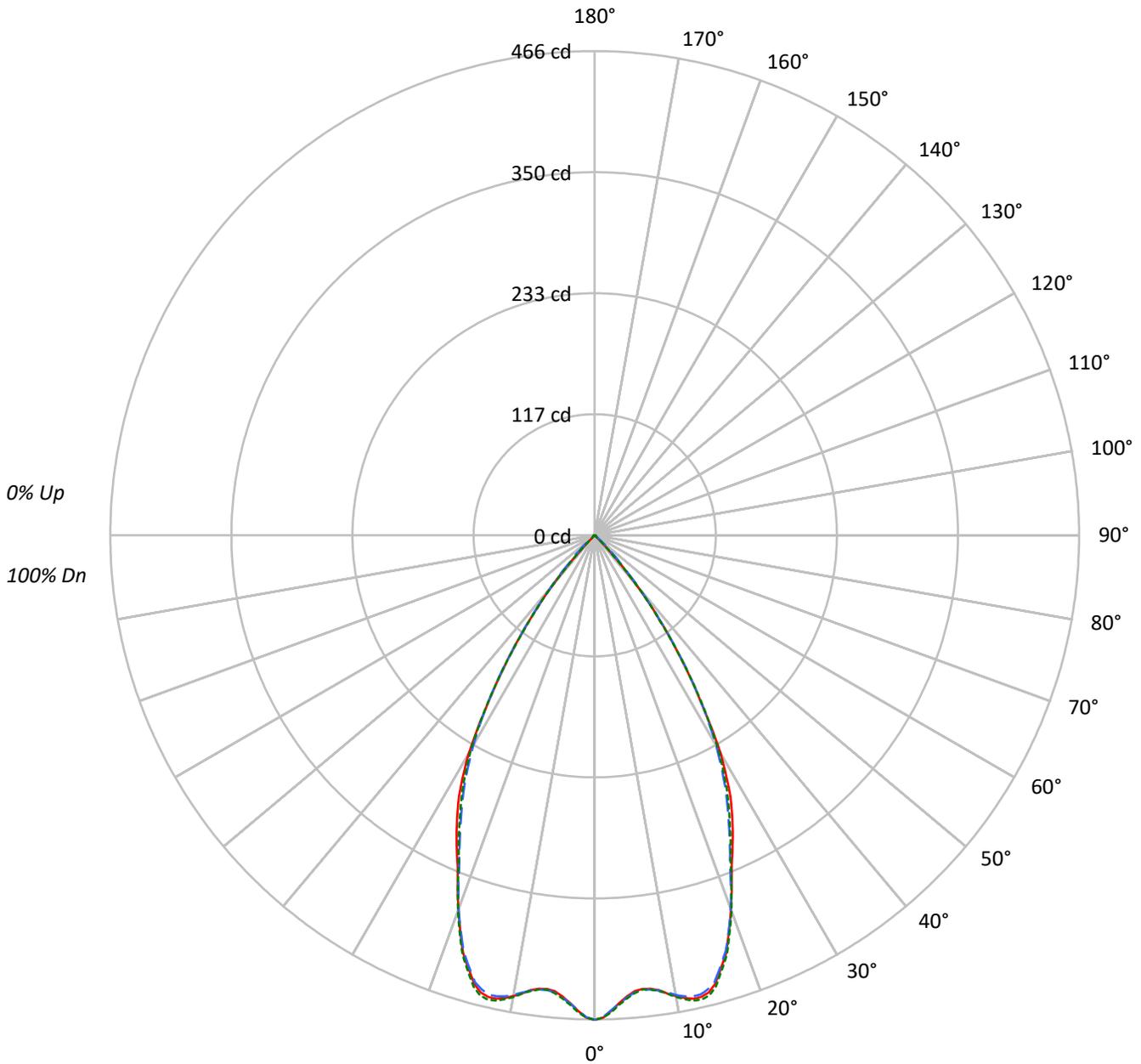
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 416.0 lumens
Efficiency: N/A
Efficacy: 57.8 lumens/watt
Spacing Criteria (0/90/45): 0.93 / 0.92 / 0.9
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



— 0°-180° - - 45°-225° - · - · 90°-270°



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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	114	111	108	106	111	109	107	105	105	103	101	101	100	98	98	96	95	95	95	95	94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	89	89	89	87
3	103	97	92	88	101	95	91	87	93	89	86	90	87	84	88	85	83	83	83	83	82
4	98	90	85	81	96	89	84	80	87	83	79	85	81	79	83	80	78	78	78	78	76
5	93	85	79	75	91	84	79	75	82	77	74	80	76	73	79	75	73	73	73	73	71
6	88	80	74	70	87	79	73	69	77	73	69	76	72	68	75	71	68	68	68	68	67
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	64	64	64	62
8	80	71	65	61	79	70	65	61	69	64	60	68	64	60	67	63	60	60	60	60	59
9	76	67	61	57	75	66	61	57	65	60	57	65	60	57	64	60	56	56	56	56	55
10	73	63	58	54	72	63	57	54	62	57	54	61	57	53	61	56	53	53	53	53	52

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	80325	80325	80325
5°	76137	76361	76465
10°	78766	78538	78941
15°	79735	79378	80198
20°	70213	70158	70506
25°	59744	58015	58509
30°	48225	46535	47310
35°	30528	30801	30443
40°	14276	14861	14478
45°	877	5237	1023
50°	429	1232	429
55°	480	480	480
60°	448	448	448
65°	408	530	408
70°	504	504	504
75°	466	466	466
80°	298	298	298
85°	593	593	593

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 5237 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.5	10.2
10°-20°	122.4	29.4
20°-30°	141.1	33.9
30°-40°	90.6	21.8
40°-50°	15.8	3.8
50°-60°	1.5	0.4
60°-70°	1.2	0.3
70°-80°	0.7	0.2
80°-90°	0.2	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°	306.1	73.6
0°-40°	396.7	95.4
0°-60°	413.9	99.5
0°-90°	416.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	416.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	466	466	466	466	466	
5°	440	441	442	443	442	42
15°	447	446	445	448	450	123
25°	314	311	305	306	308	143
35°	145	144	146	144	145	91
45°	4	11	22	13	4	12
55°	2	2	2	2	2	1
65°	1	1	1	1	1	1
75°	1	1	1	1	1	1
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°	466.4	466.4	466.4	466.4	466.4
1°	464.4	464.1	463.8	464.1	464.4
2°	457.9	457.6	457.3	458.6	459.2
3°	450.8	451.1	451.4	452.1	452.4
4°	444.9	445.6	445.9	446.5	446.9
5°	440.4	441.3	441.7	442.6	442.3
6°	439.1	439.7	440.0	440.4	439.7
7°	439.7	440.0	440.4	441.0	440.4
8°	442.0	442.3	442.6	443.0	443.0
9°	446.5	445.9	445.6	446.9	446.5
10°	450.4	449.5	449.1	451.1	451.4
11°	453.7	452.4	452.1	454.4	455.0
12°	456.0	454.0	453.7	456.6	457.9
13°	456.0	453.4	453.4	456.6	458.6
14°	453.4	450.4	450.4	454.0	456.3
15°	447.2	445.6	445.2	448.2	449.8
17.5°	421.2	419.2	419.5	422.8	423.1
20°	383.1	382.1	382.8	383.4	384.7
22.5°	344.3	343.7	340.1	341.1	341.7
25°	314.4	310.8	305.3	305.6	307.9
27.5°	282.8	279.3	271.4	273.1	275.3
30°	242.5	239.5	234.0	235.0	237.9
32.5°	190.4	196.3	191.0	192.7	191.7
35°	145.2	144.2	146.5	143.5	144.8
37.5°	102.2	102.5	103.5	100.9	100.9
40°	63.5	65.1	66.1	64.8	64.4
42.5°	26.7	36.5	38.4	36.5	27.0
45°	3.6	10.7	21.5	12.7	4.2
47.5°	1.6	2.3	11.4	2.3	1.6
50°	1.6	1.6	4.6	1.6	1.6
52.5°	1.6	1.6	1.6	1.6	1.6
55°	1.6	1.6	1.6	1.6	1.6
57.5°	1.6	1.6	1.6	1.6	1.6
60°	1.3	1.3	1.3	1.3	1.3
62.5°	1.3	1.3	1.3	1.3	1.3
65°	1.0	1.3	1.3	1.3	1.0
67.5°	1.0	1.0	1.0	1.0	1.0
70°	1.0	1.0	1.0	1.0	1.0
72.5°	0.7	0.7	0.7	0.7	0.7
75°	0.7	0.7	0.7	0.7	0.7
77.5°	0.7	0.7	0.7	0.7	0.7
80°	0.3	0.3	0.3	0.3	0.3
82.5°	0.3	0.3	0.3	0.3	0.3
85°	0.3	0.3	0.3	0.3	0.3
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)