

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: P1323602

Luminaire Tested: LDSQA3D05R259030D2WDE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323602
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R259030D2WDE010 3LSQPHRLD1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

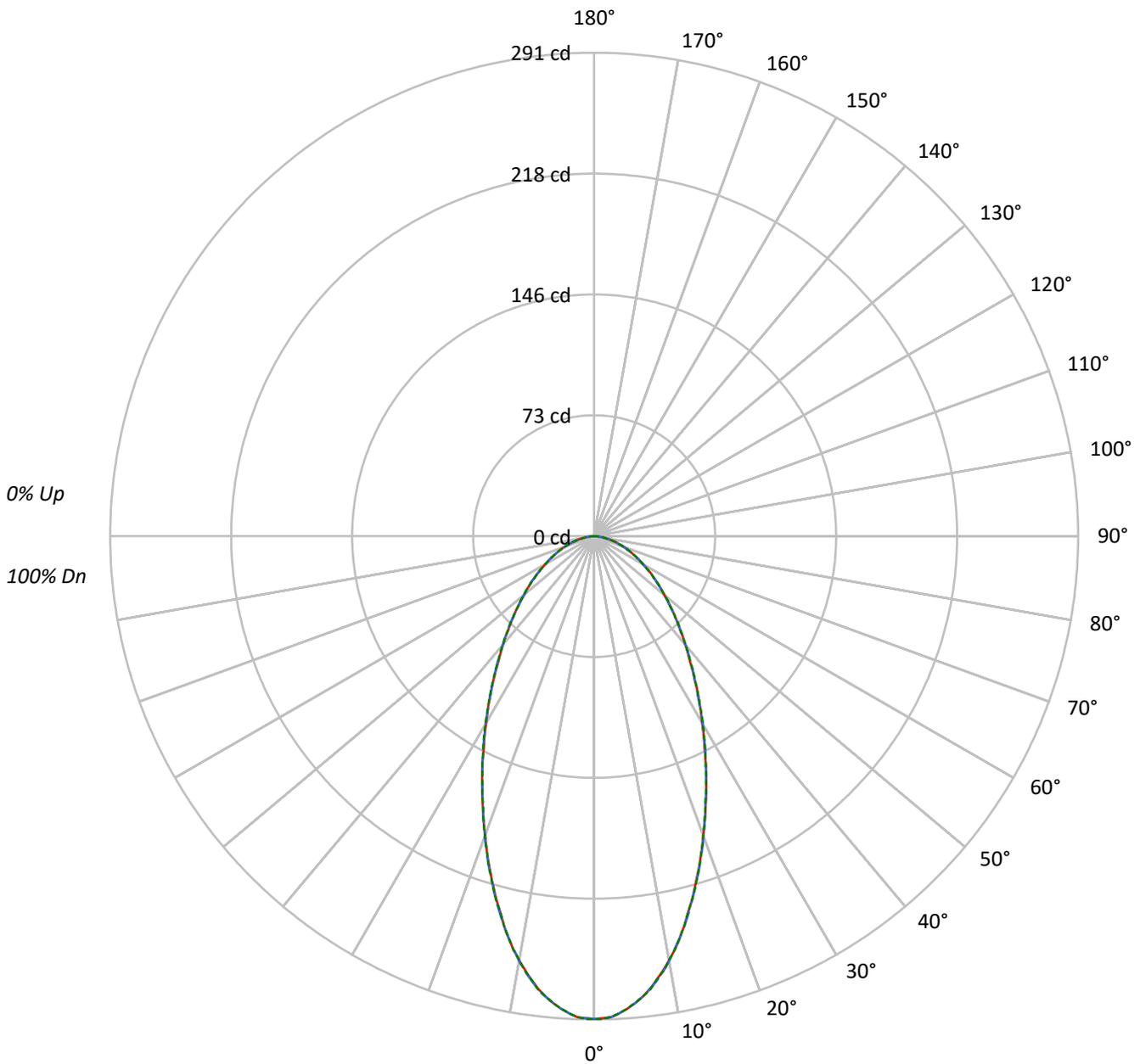
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 364.1 lumens
Efficiency: N/A
Efficacy: 32.8 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.89
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



— 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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	
1	111	107	104	100	108	105	102	99	101	98	96	97	95	93	93	92	90	88	88	
2	103	96	90	86	100	94	89	85	91	86	83	88	84	81	85	82	79	77	77	
3	95	87	80	74	93	85	79	74	82	77	72	80	75	71	77	73	70	68	68	
4	89	79	71	65	87	77	70	65	75	69	64	73	68	63	71	66	63	61	61	
5	83	72	64	58	81	71	63	58	69	62	58	67	61	57	65	60	56	55	55	
6	77	66	58	53	76	65	58	52	63	57	52	62	56	52	60	55	51	49	49	
7	73	61	53	48	71	60	53	48	59	52	47	57	51	47	56	51	47	45	45	
8	68	56	49	44	67	56	49	44	55	48	44	53	48	43	52	47	43	41	41	
9	64	53	45	40	63	52	45	40	51	45	40	50	44	40	49	44	40	38	38	
10	61	49	42	37	60	49	42	37	48	42	37	47	41	37	46	41	37	35	35	

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	50065	50065	50065
5°	48787	48787	48787
10°	45346	45434	45346
15°	40438	40527	40527
20°	35152	35244	35152
25°	30290	30195	30195
30°	25833	25932	26032
35°	22160	22160	22265
40°	19200	19200	19200
45°	16781	16781	16781
50°	14736	14736	14870
55°	13211	13211	13211
60°	11711	11711	11711
65°	10595	10595	10595
70°	9567	9316	9567
75°	8650	8318	8318
80°	6943	6943	6943
85°	4940	4940	4940

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 16781 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.2	7.2
10°-20°	63.3	17.4
20°-30°	73.1	20.1
30°-40°	66.3	18.2
40°-50°	53.4	14.7
50°-60°	39.4	10.8
60°-70°	25.9	7.1
70°-80°	13.4	3.7
80°-90°	3.0	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°	162.6	44.7
0°-40°	228.9	62.9
0°-60°	321.7	88.4
0°-90°	364.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	364.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	291	291	291	291	291	
5°	282	283	282	282	282	26
15°	227	227	227	227	227	63
25°	159	159	159	159	159	73
35°	105	105	105	105	106	66
45°	69	69	69	69	69	53
55°	44	44	44	44	44	40
65°	26	26	26	26	26	26
75°	13	12	12	12	12	14
85°	2	2	2	2	2	3
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	290.7	290.7	290.7	290.7	290.7
1°	290.2	291.2	290.2	290.2	290.7
2°	289.7	290.2	289.7	289.7	289.7
3°	287.7	288.7	287.7	287.7	287.7
4°	285.2	286.2	285.2	285.2	285.2
5°	282.2	283.2	282.2	282.2	282.2
6°	278.8	279.3	278.8	278.8	278.8
7°	274.8	275.3	274.8	274.8	275.3
8°	269.8	270.3	270.3	269.8	269.8
9°	264.8	265.3	265.3	264.8	265.3
10°	259.3	259.8	259.8	259.3	259.3
11°	253.8	254.3	253.3	253.3	253.8
12°	247.3	247.8	247.3	247.3	247.3
13°	240.8	240.8	240.8	240.8	240.8
14°	233.3	234.3	234.3	233.8	233.3
15°	226.8	227.3	227.3	226.8	227.3
17.5°	209.3	210.3	209.8	209.8	209.8
20°	191.8	192.3	192.3	191.8	191.8
22.5°	175.3	174.8	174.8	174.8	174.8
25°	159.4	158.9	158.9	159.4	158.9
27.5°	143.9	144.4	144.4	143.9	144.4
30°	129.9	129.9	130.4	129.9	130.9
32.5°	117.4	117.4	116.9	117.4	117.4
35°	105.4	105.4	105.4	105.4	105.9
37.5°	94.4	94.9	95.4	95.4	94.9
40°	85.4	85.4	85.4	85.4	85.4
42.5°	76.4	76.4	76.9	76.9	76.9
45°	68.9	68.9	68.9	68.9	68.9
47.5°	61.9	61.9	61.4	61.4	61.9
50°	55.0	55.5	55.0	55.0	55.5
52.5°	49.5	49.0	49.0	49.5	49.5
55°	44.0	44.0	44.0	43.5	44.0
57.5°	39.0	39.0	38.5	38.5	38.5
60°	34.0	34.0	34.0	34.0	34.0
62.5°	30.0	30.0	30.0	30.0	30.0
65°	26.0	26.0	26.0	26.0	26.0
67.5°	22.5	22.5	22.5	22.5	22.0
70°	19.0	19.0	18.5	18.5	19.0
72.5°	15.5	15.5	15.5	15.5	15.5
75°	13.0	12.5	12.5	12.5	12.5
77.5°	10.0	10.0	9.5	10.0	9.5
80°	7.0	7.0	7.0	7.0	7.0
82.5°	5.0	4.5	4.5	4.5	4.5
85°	2.5	2.5	2.5	2.5	2.5
87.5°	0.5	0.5	0.5	0.5	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)