

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: P1323585

Luminaire Tested: LDSQA3D05R209030D2WDE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323585
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R209030D2WDE010 3LSQPHRLD1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R20 optic, 3000K CCT AND, 90CRI ,
3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

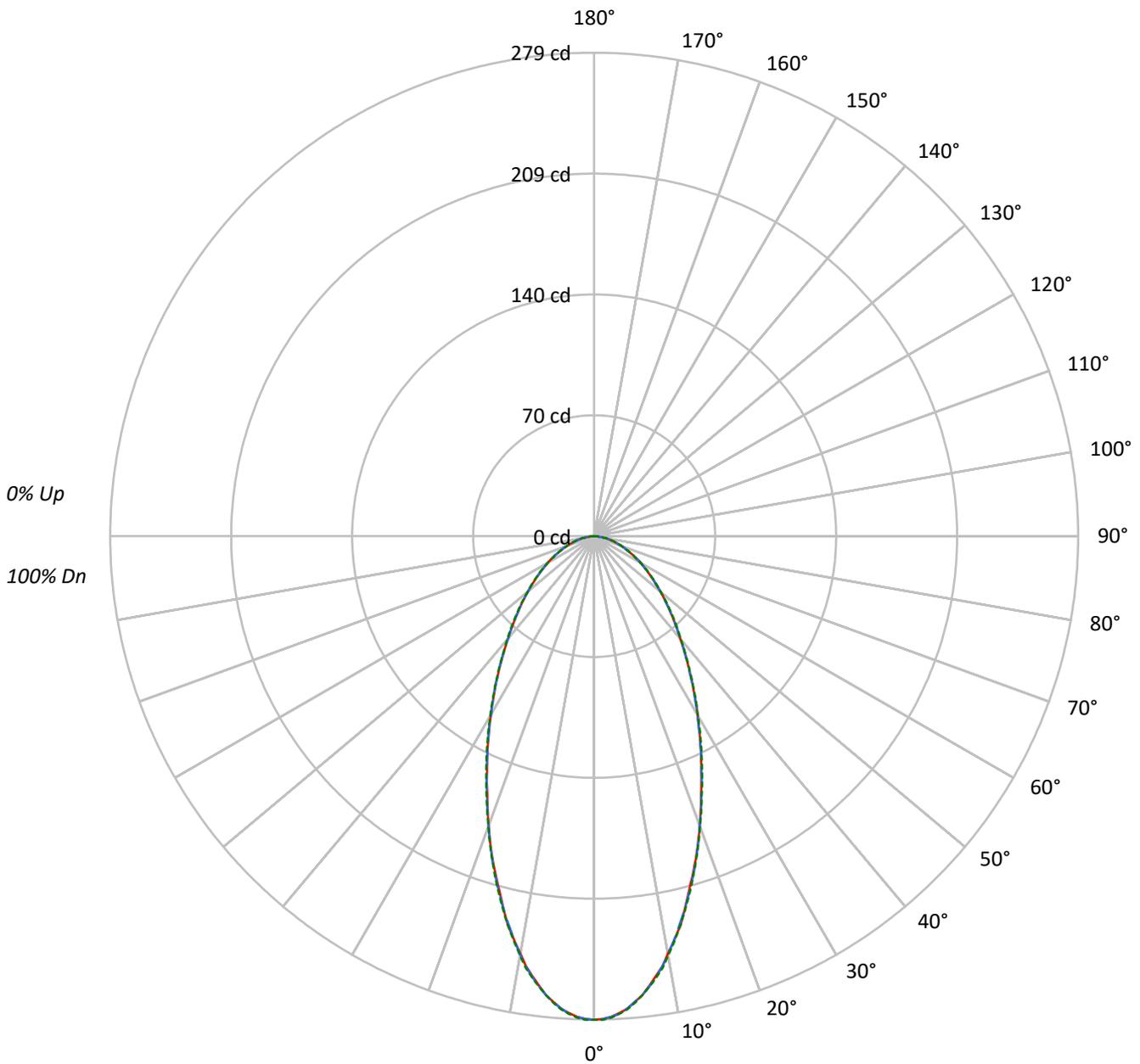
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 334.0 lumens
Efficiency: N/A
Efficacy: 30.1 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.86
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	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	100	108	105	102	99	101	98	96	97	95	93	93	92	90	88
2	103	96	91	86	100	94	89	85	91	87	83	88	84	81	85	82	79	77
3	96	87	80	75	93	85	79	74	82	77	73	80	75	71	77	74	70	68
4	89	79	71	66	87	78	71	65	75	69	65	73	68	64	71	67	63	61
5	83	72	64	59	81	71	64	58	69	63	58	67	62	57	65	61	57	55
6	78	66	59	53	76	65	58	53	64	57	52	62	56	52	61	56	52	50
7	73	61	54	48	71	60	53	48	59	53	48	58	52	48	56	51	47	45
8	69	57	49	44	67	56	49	44	55	49	44	54	48	44	53	47	43	42
9	65	53	46	41	63	52	46	41	51	45	41	50	45	40	49	44	40	39
10	61	50	43	38	60	49	42	38	48	42	38	47	42	38	46	41	37	36

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	48085	48085	48085
5°	46643	46643	46730
10°	42810	42898	42985
15°	37692	37870	37960
20°	32623	32623	32715
25°	27763	27763	27953
30°	23705	23605	23804
35°	20226	20226	20331
40°	17379	17379	17491
45°	15174	15174	15296
50°	13370	13370	13370
55°	11830	11830	11980
60°	10643	10643	10643
65°	9536	9536	9536
70°	8560	8560	8560
75°	7652	7320	7652
80°	6447	6447	6447
85°	3952	3952	4940

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 45°
 Luminance: 15296 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.0	7.5
10°-20°	59.1	17.7
20°-30°	67.3	20.2
30°-40°	60.4	18.1
40°-50°	48.4	14.5
50°-60°	35.6	10.7
60°-70°	23.2	7.0
70°-80°	12.1	3.6
80°-90°	2.8	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°	151.4	45.3
0°-40°	211.9	63.4
0°-60°	295.9	88.6
0°-90°	334.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	334.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	279	279	279	279	279	
5°	270	270	270	270	270	25
15°	211	211	212	212	213	59
25°	146	146	146	147	147	67
35°	96	96	96	96	97	60
45°	62	62	62	62	63	48
55°	39	39	39	39	40	36
65°	23	23	23	23	23	23
75°	12	11	11	12	12	12
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°	279.2	279.2	279.2	279.2	279.2
1°	278.7	278.2	278.7	278.7	279.2
2°	277.7	277.7	277.7	277.2	278.2
3°	275.7	275.7	276.2	275.7	276.2
4°	273.3	273.3	273.3	272.8	273.8
5°	269.8	269.8	269.8	269.8	270.3
6°	266.3	265.8	266.3	265.8	266.3
7°	261.3	261.3	261.8	261.3	261.8
8°	256.3	255.8	256.8	256.3	257.3
9°	251.3	250.8	251.3	250.8	252.3
10°	244.8	245.3	245.3	245.3	245.8
12.5°	229.9	228.9	228.9	228.9	229.9
15°	211.4	211.4	212.4	212.4	212.9
17.5°	195.0	194.5	195.5	195.5	195.5
20°	178.0	177.5	178.0	178.0	178.5
22.5°	161.1	161.6	161.6	161.6	162.1
25°	146.1	146.1	146.1	146.6	147.1
27.5°	132.1	131.6	132.1	132.6	133.1
30°	119.2	118.7	118.7	119.2	119.7
32.5°	107.2	106.7	107.2	107.2	107.7
35°	96.2	96.2	96.2	96.2	96.7
37.5°	86.3	86.3	86.3	86.8	86.8
40°	77.3	77.3	77.3	77.8	77.8
42.5°	69.3	69.3	69.3	69.8	70.3
45°	62.3	62.3	62.3	62.3	62.8
47.5°	55.8	55.8	55.8	56.3	56.3
50°	49.9	49.4	49.9	50.4	49.9
52.5°	44.4	44.4	44.4	44.4	44.9
55°	39.4	39.4	39.4	39.4	39.9
57.5°	34.9	34.9	34.9	35.4	35.4
60°	30.9	30.9	30.9	30.9	30.9
62.5°	26.9	26.9	26.9	26.9	26.9
65°	23.4	22.9	23.4	23.4	23.4
67.5°	19.9	19.9	19.9	19.9	19.9
70°	17.0	17.0	17.0	17.0	17.0
72.5°	14.0	14.0	14.0	14.0	14.0
75°	11.5	11.0	11.0	11.5	11.5
77.5°	9.0	8.5	9.0	9.0	9.0
80°	6.5	6.5	6.5	6.5	6.5
82.5°	4.0	4.0	4.0	4.5	4.5
85°	2.0	2.0	2.0	2.5	2.5
87.5°	0.5	0.5	0.5	1.0	1.0
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)