

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: P1323877

Luminaire Tested: LDSQA3D13R209030D2WDE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323877
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: LDSQA3D13R209030D2WDE010 3LSQPHRLD1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R20 optic, 3000K CCT AND, 90CRI ,
3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

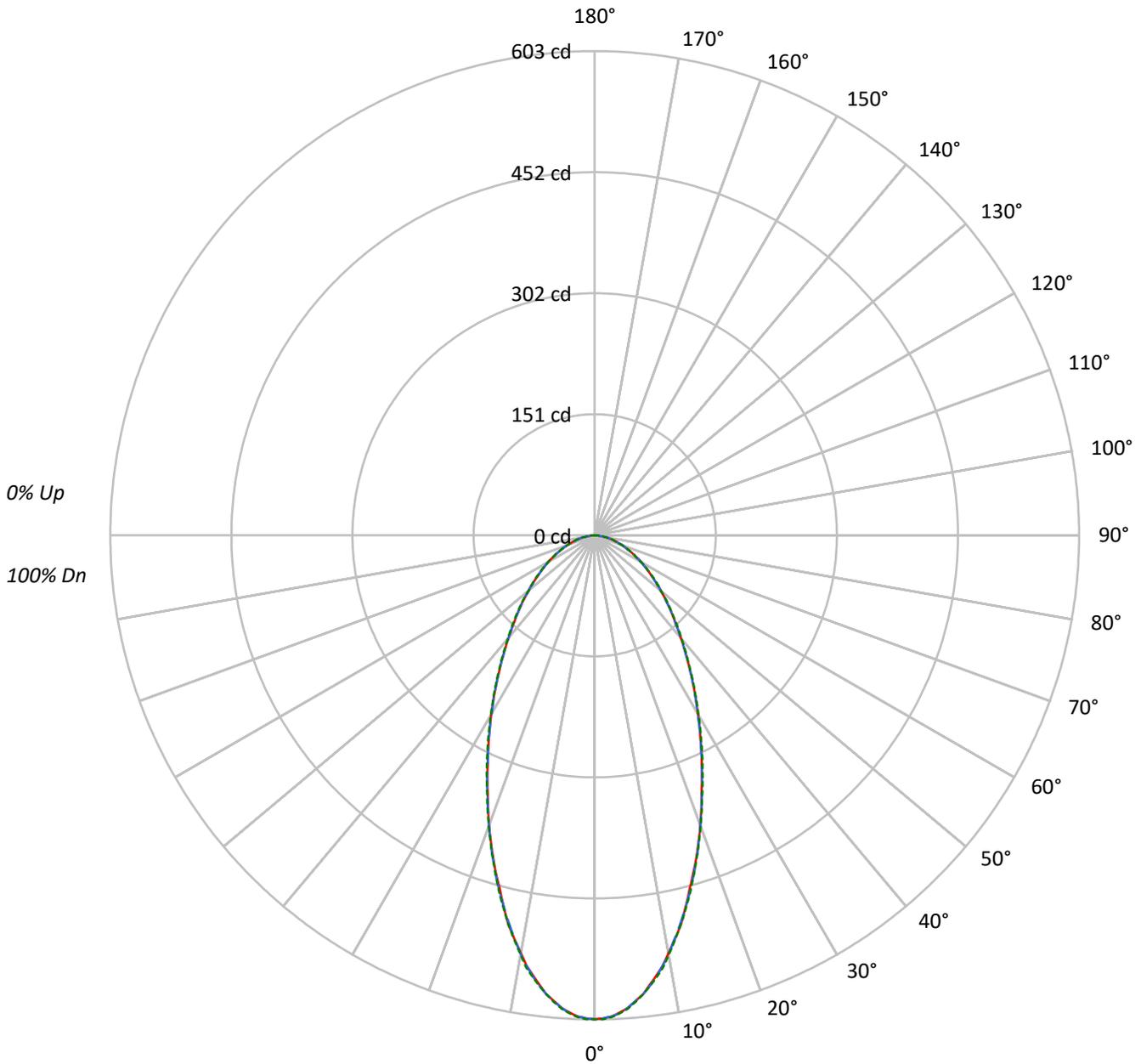
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 721.0 lumens
Efficiency: N/A
Efficacy: 35.9 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): 20.1
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	72	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	46
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°	103816	103816	103816
5°	100668	100668	100858
10°	92424	92616	92809
15°	81375	81767	81946
20°	70433	70433	70634
25°	59934	59934	60333
30°	51168	50949	51367
35°	43668	43668	43899
40°	37500	37500	37747
45°	32783	32783	33027
50°	28829	28829	28829
55°	25522	25522	25852
60°	22975	22975	22975
65°	20620	20620	20620
70°	18430	18430	18430
75°	16502	15770	16502
80°	13885	13885	13885
85°	8497	8497	10671

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 45°
 Luminance: 33027 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.9	7.5
10°-20°	127.6	17.7
20°-30°	145.3	20.2
30°-40°	130.5	18.1
40°-50°	104.6	14.5
50°-60°	76.8	10.7
60°-70°	50.2	7.0
70°-80°	26.0	3.6
80°-90°	6.0	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°	326.9	45.3
0°-40°	457.3	63.4
0°-60°	638.7	88.6
0°-90°	721.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	721.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	603	603	603	603	603	
5°	582	582	582	582	583	54
15°	456	456	459	459	460	128
25°	315	315	315	316	318	145
35°	208	208	208	208	209	130
45°	135	135	135	135	136	104
55°	85	85	85	85	86	77
65°	51	50	51	51	51	50
75°	25	24	24	25	25	26
85°	4	4	4	5	5	6
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	602.8	602.8	602.8	602.8	602.8
1°	601.7	600.6	601.7	601.7	602.8
2°	599.6	599.6	599.6	598.5	600.6
3°	595.3	595.3	596.3	595.3	596.3
4°	589.9	589.9	589.9	588.8	590.9
5°	582.3	582.3	582.3	582.3	583.4
6°	574.8	573.7	574.8	573.7	574.8
7°	564.0	564.0	565.1	564.0	565.1
8°	553.3	552.2	554.4	553.3	555.4
9°	542.5	541.4	542.5	541.4	544.7
10°	528.5	529.6	529.6	529.6	530.7
12.5°	496.2	494.1	494.1	494.1	496.2
15°	456.4	456.4	458.6	458.6	459.6
17.5°	420.9	419.8	422.0	422.0	422.0
20°	384.3	383.2	384.3	384.3	385.4
22.5°	347.7	348.8	348.8	348.8	349.8
25°	315.4	315.4	315.4	316.5	317.5
27.5°	285.2	284.2	285.2	286.3	287.4
30°	257.3	256.2	256.2	257.3	258.3
32.5°	231.4	230.4	231.4	231.4	232.5
35°	207.7	207.7	207.7	207.7	208.8
37.5°	186.2	186.2	186.2	187.3	187.3
40°	166.8	166.8	166.8	167.9	167.9
42.5°	149.6	149.6	149.6	150.7	151.8
45°	134.6	134.6	134.6	134.6	135.6
47.5°	120.6	120.6	120.6	121.6	121.6
50°	107.6	106.6	107.6	108.7	107.6
52.5°	95.8	95.8	95.8	95.8	96.9
55°	85.0	85.0	85.0	85.0	86.1
57.5°	75.3	75.3	75.3	76.4	76.4
60°	66.7	66.7	66.7	66.7	66.7
62.5°	58.1	58.1	58.1	58.1	58.1
65°	50.6	49.5	50.6	50.6	50.6
67.5°	43.1	43.1	43.1	43.1	43.1
70°	36.6	36.6	36.6	36.6	36.6
72.5°	30.1	30.1	30.1	30.1	30.1
75°	24.8	23.7	23.7	24.8	24.8
77.5°	19.4	18.3	19.4	19.4	19.4
80°	14.0	14.0	14.0	14.0	14.0
82.5°	8.6	8.6	8.6	9.7	9.7
85°	4.3	4.3	4.3	5.4	5.4
87.5°	1.1	1.1	1.1	2.2	2.2
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)