

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: P1323439

Luminaire Tested: LDSQA3D02R209030D2WDE010 3LSQPHRLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323439
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: LDSQA3D02R209030D2WDE010 3LSQPHRLD1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R20 optic, 3000K CCT AND, 90CRI ,
3LSQPHRLD1MW TRIM
Light Source: -
Ballast/Driver: -

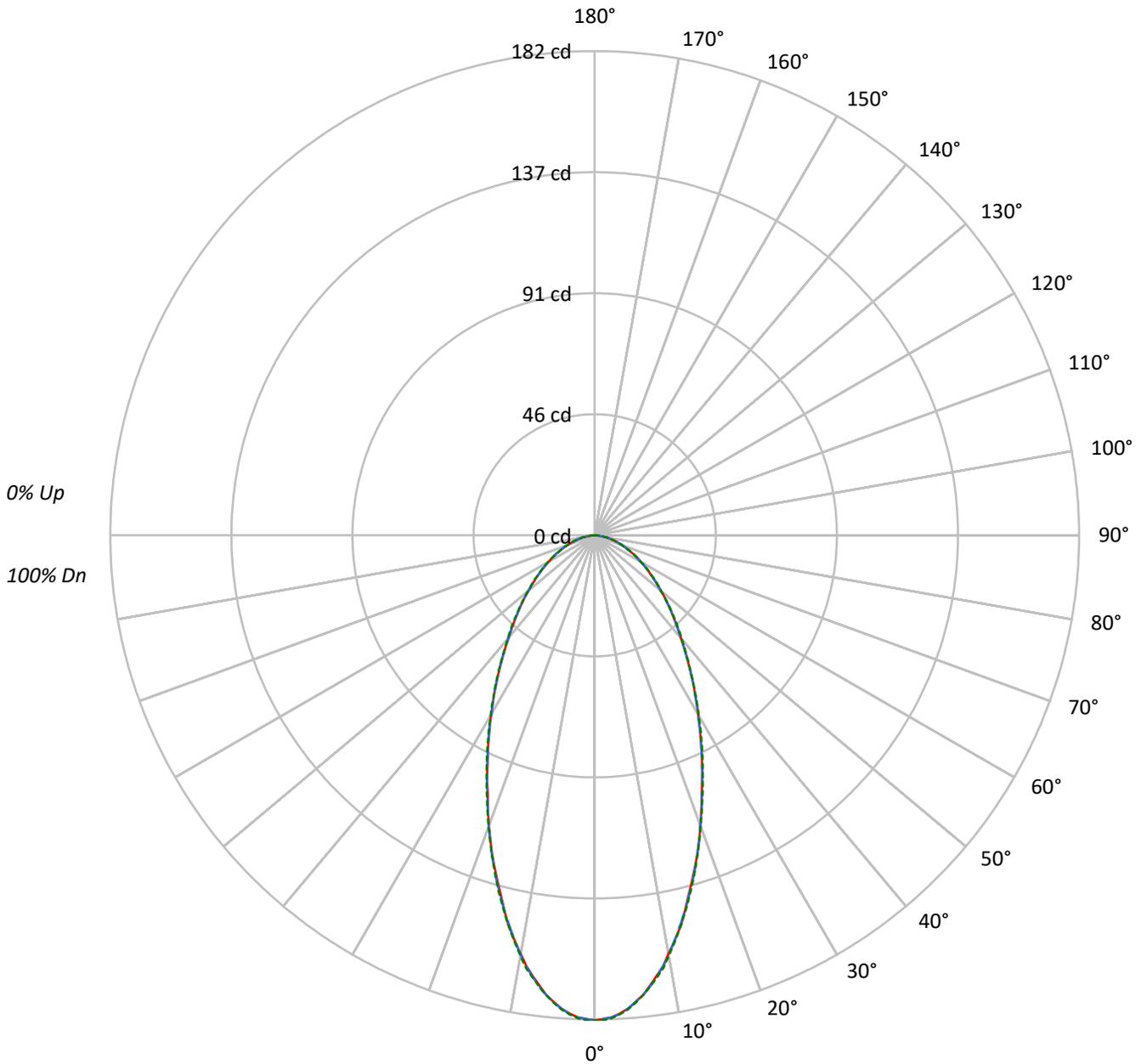
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 218.0 lumens
Efficiency: N/A
Efficacy: 30.3 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): 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	111	107	104	100	108	105	102	99	101	98	96	97	95	93	93	92	90	90	90	90	88
2	103	96	91	86	100	94	89	85	91	87	83	88	84	81	85	82	79	79	79	79	77
3	96	87	80	75	93	85	79	74	82	77	73	80	75	72	77	74	70	70	70	70	68
4	89	79	71	66	87	78	71	65	75	69	65	73	68	64	71	67	63	63	63	63	61
5	83	72	64	59	81	71	64	58	69	63	58	67	62	57	65	61	57	57	57	57	55
6	78	66	59	53	76	65	58	53	64	57	52	62	56	52	61	56	52	52	52	52	50
7	73	61	54	48	71	60	53	48	59	53	48	58	52	48	56	51	47	47	47	47	45
8	69	57	49	44	67	56	49	44	55	49	44	54	48	44	53	47	43	43	43	43	42
9	65	53	46	41	63	52	45	41	51	45	41	50	45	40	49	44	40	40	40	40	39
10	61	50	43	38	60	49	42	38	48	42	38	47	42	38	46	41	37	37	37	37	36

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	31396	31396	31396
5°	30444	30444	30496
10°	27946	27998	28068
15°	24605	24712	24783
20°	21297	21297	21352
25°	18129	18129	18243
30°	15472	15412	15531
35°	13203	13203	13266
40°	11331	11331	11421
45°	9913	9913	9986
50°	8708	8708	8708
55°	7717	7717	7807
60°	6958	6958	6958
65°	6235	6235	6235
70°	5589	5589	5589
75°	4991	4791	4991
80°	4166	4166	4166
85°	2569	2569	3162

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 45°
 Luminance: 9986 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.3	7.5
10°-20°	38.6	17.7
20°-30°	43.9	20.2
30°-40°	39.4	18.1
40°-50°	31.6	14.5
50°-60°	23.2	10.7
60°-70°	15.2	7.0
70°-80°	7.9	3.6
80°-90°	1.8	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°	98.8	45.3
0°-40°	138.3	63.4
0°-60°	193.1	88.6
0°-90°	218.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	218.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	182	182	182	182	182	
5°	176	176	176	176	176	16
15°	138	138	139	139	139	39
25°	95	95	95	96	96	44
35°	63	63	63	63	63	39
45°	41	41	41	41	41	32
55°	26	26	26	26	26	23
65°	15	15	15	15	15	15
75°	8	7	7	8	8	8
85°	1	1	1	2	2	2
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	182.3	182.3	182.3	182.3	182.3
1°	181.9	181.6	181.9	181.9	182.3
2°	181.3	181.3	181.3	181.0	181.6
3°	180.0	180.0	180.3	180.0	180.3
4°	178.4	178.4	178.4	178.0	178.7
5°	176.1	176.1	176.1	176.1	176.4
6°	173.8	173.5	173.8	173.5	173.8
7°	170.5	170.5	170.9	170.5	170.9
8°	167.3	167.0	167.6	167.3	167.9
9°	164.0	163.7	164.0	163.7	164.7
10°	159.8	160.1	160.1	160.1	160.5
12.5°	150.0	149.4	149.4	149.4	150.0
15°	138.0	138.0	138.6	138.6	139.0
17.5°	127.3	126.9	127.6	127.6	127.6
20°	116.2	115.9	116.2	116.2	116.5
22.5°	105.1	105.4	105.4	105.4	105.8
25°	95.4	95.4	95.4	95.7	96.0
27.5°	86.2	85.9	86.2	86.6	86.9
30°	77.8	77.5	77.5	77.8	78.1
32.5°	70.0	69.6	70.0	70.0	70.3
35°	62.8	62.8	62.8	62.8	63.1
37.5°	56.3	56.3	56.3	56.6	56.6
40°	50.4	50.4	50.4	50.8	50.8
42.5°	45.2	45.2	45.2	45.6	45.9
45°	40.7	40.7	40.7	40.7	41.0
47.5°	36.5	36.5	36.5	36.8	36.8
50°	32.5	32.2	32.5	32.9	32.5
52.5°	29.0	29.0	29.0	29.0	29.3
55°	25.7	25.7	25.7	25.7	26.0
57.5°	22.8	22.8	22.8	23.1	23.1
60°	20.2	20.2	20.2	20.2	20.2
62.5°	17.6	17.6	17.6	17.6	17.6
65°	15.3	15.0	15.3	15.3	15.3
67.5°	13.0	13.0	13.0	13.0	13.0
70°	11.1	11.1	11.1	11.1	11.1
72.5°	9.1	9.1	9.1	9.1	9.1
75°	7.5	7.2	7.2	7.5	7.5
77.5°	5.9	5.5	5.9	5.9	5.9
80°	4.2	4.2	4.2	4.2	4.2
82.5°	2.6	2.6	2.6	2.9	2.9
85°	1.3	1.3	1.3	1.6	1.6
87.5°	0.3	0.3	0.3	0.7	0.7
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)