

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: P1323717

Luminaire Tested: LDSQA3D09R159030D2WDE010 3LSQPHRLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323717
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R159030D2WDE010 3LSQPHRLP1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,
3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

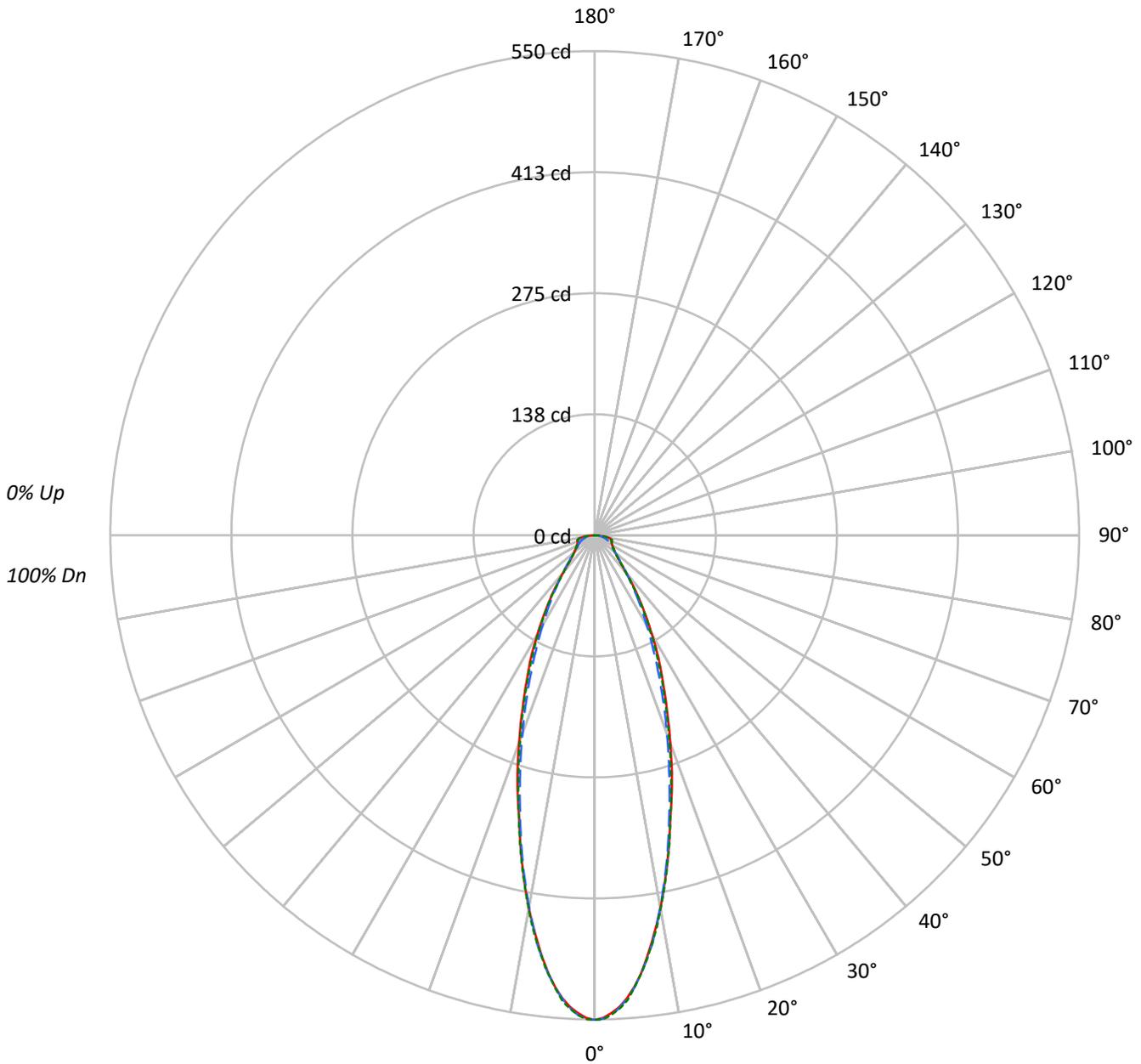
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 369.0 lumens
Efficiency: N/A
Efficacy: 25.1 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.63
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.7
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	100	100	100	100
1	111	108	104	101	109	105	102	100	101	99	96	97	95	94	94	92	91	89	89	89	89
2	104	98	93	88	102	96	91	87	93	89	85	90	86	83	87	84	82	80	80	80	80
3	98	90	84	79	96	88	83	78	86	81	77	83	79	76	81	77	74	73	73	73	73
4	92	83	76	71	90	82	76	71	80	74	70	77	73	69	75	71	68	66	66	66	66
5	87	77	70	65	85	76	70	65	74	69	64	73	68	64	71	67	63	61	61	61	61
6	82	72	65	60	81	71	65	60	70	64	60	68	63	59	67	62	59	57	57	57	57
7	78	68	61	56	77	67	60	56	66	60	56	64	59	55	63	58	55	53	53	53	53
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	50	50	50	50
9	71	60	54	49	70	60	53	49	59	53	49	58	53	49	57	52	49	47	47	47	47
10	68	57	51	47	67	57	51	47	56	50	46	55	50	46	54	49	46	45	45	45	45

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	94791	94791	94791
5°	89033	89154	89154
10°	75198	74971	75443
15°	59141	58321	59266
20°	45965	43876	45361
25°	34699	32286	34186
30°	25813	23546	25276
35°	18417	17156	18144
40°	12478	12635	12320
45°	9280	9767	9280
50°	8065	8065	8065
55°	7837	7416	7837
60°	8060	7371	7819
65°	8721	7621	8721
70°	10423	7755	10423
75°	13375	7985	13375
80°	16563	8629	15968
85°	13239	7904	14623

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 16563 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.4	12.6
10°-20°	91.8	24.9
20°-30°	81.1	22.0
30°-40°	53.3	14.4
40°-50°	31.1	8.4
50°-60°	22.9	6.2
60°-70°	19.5	5.3
70°-80°	16.1	4.4
80°-90°	6.7	1.8
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°	219.3	59.4
0°-40°	272.6	73.9
0°-60°	326.7	88.5
0°-90°	369.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	369.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	550	550	550	550	550	
5°	515	515	516	516	516	46
15°	332	332	327	331	332	93
25°	183	177	170	175	180	84
35°	88	84	82	84	86	55
45°	38	39	40	39	38	31
55°	26	25	25	25	26	23
65°	21	19	19	19	21	21
75°	20	15	12	15	20	21
85°	7	7	4	7	7	8
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	550.4	550.4	550.4	550.4	550.4
1°	548.4	549.1	549.1	549.8	549.8
2°	543.1	544.4	545.1	545.1	545.1
3°	536.4	537.1	537.7	538.4	538.4
4°	527.0	527.7	527.7	529.0	529.7
5°	515.0	515.0	515.7	516.3	515.7
6°	500.9	500.9	501.6	501.6	501.6
7°	484.2	484.9	485.6	486.2	485.6
8°	466.2	466.8	468.8	468.8	468.2
9°	448.1	448.8	448.8	450.8	450.8
10°	430.0	430.0	428.7	430.0	431.4
12.5°	381.2	380.6	378.6	380.6	381.9
15°	331.7	331.7	327.1	331.1	332.4
17.5°	291.6	285.6	280.9	284.9	288.3
20°	250.8	244.8	239.4	243.4	247.5
22.5°	214.0	209.3	202.7	206.7	211.3
25°	182.6	176.6	169.9	174.6	179.9
27.5°	156.5	148.5	141.8	147.1	151.8
30°	129.8	124.4	118.4	122.4	127.1
32.5°	107.0	103.0	98.3	101.7	105.7
35°	87.6	84.3	81.6	83.6	86.3
37.5°	70.2	68.9	67.6	68.2	68.2
40°	55.5	56.2	56.2	56.2	54.8
42.5°	45.5	46.1	47.5	46.1	45.5
45°	38.1	38.8	40.1	38.8	38.1
47.5°	33.4	34.1	34.8	33.4	33.4
50°	30.1	30.1	30.1	30.1	30.1
52.5°	28.1	27.4	27.4	27.4	28.1
55°	26.1	25.4	24.7	25.4	26.1
57.5°	24.1	23.4	22.7	23.4	24.1
60°	23.4	22.1	21.4	22.1	22.7
62.5°	22.1	20.7	20.1	20.7	22.1
65°	21.4	19.4	18.7	19.4	21.4
67.5°	20.7	18.1	16.7	18.1	20.7
70°	20.7	16.7	15.4	17.4	20.7
72.5°	20.1	16.1	13.4	16.1	20.1
75°	20.1	14.7	12.0	15.4	20.1
77.5°	18.7	13.4	10.0	14.0	18.7
80°	16.7	12.0	8.7	12.7	16.1
82.5°	12.0	10.0	6.7	10.0	12.0
85°	6.7	7.4	4.0	6.7	7.4
87.5°	0.7	2.0	1.3	4.0	3.3
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)