

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: P1323425

Luminaire Tested: LDSQA3D02R159030D2WDE010 3LSQPHRLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323425
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: LDSQA3D02R159030D2WDE010 3LSQPHRLP1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,
3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

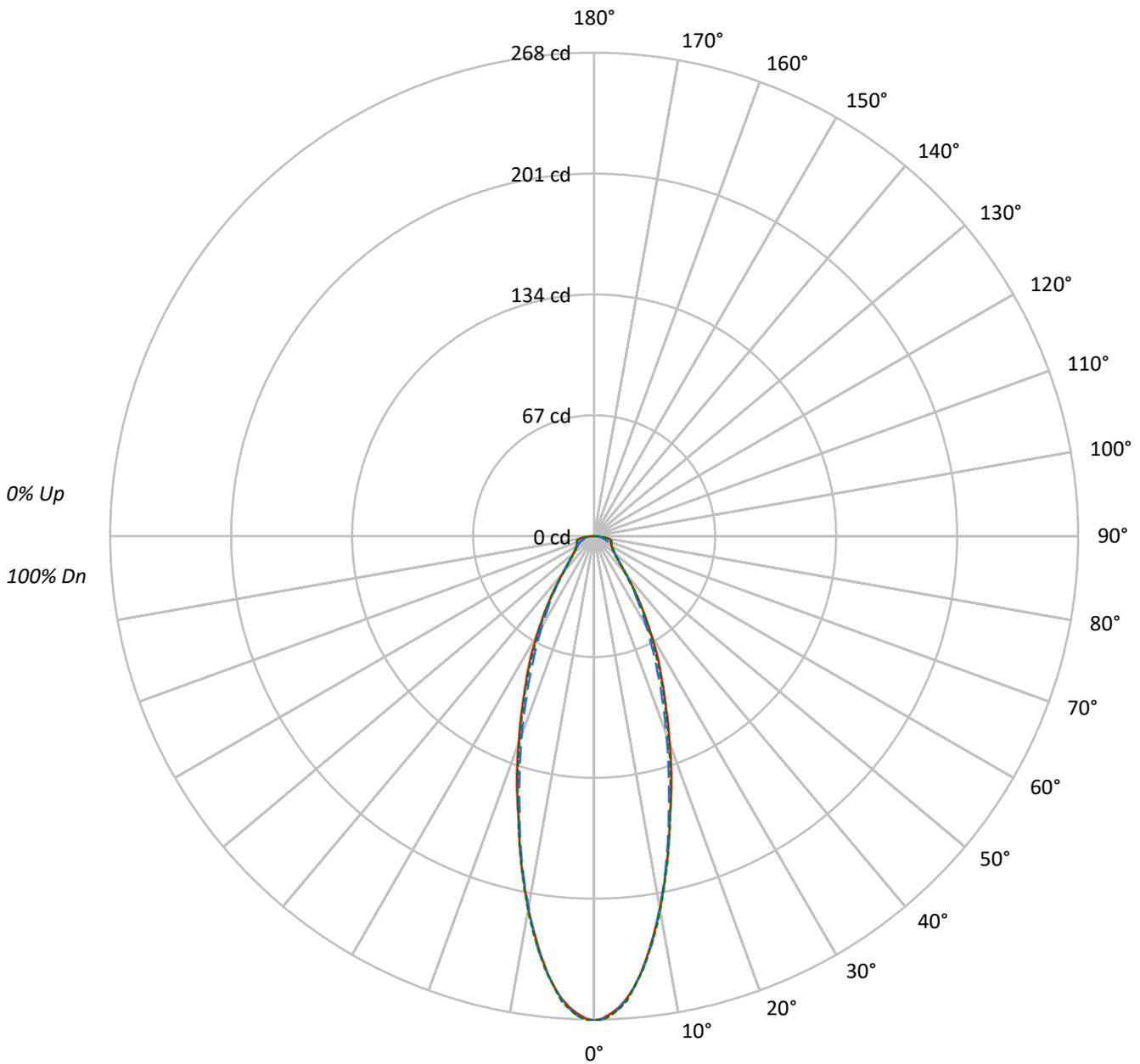
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 180.0 lumens
Efficiency: N/A
Efficacy: 25.0 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): 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% Up
100% Dn

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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	46242	46242	46242
5°	43428	43479	43479
10°	36690	36567	36795
15°	28849	28439	28902
20°	22415	21407	22121
25°	16931	15753	16684
30°	12588	11475	12330
35°	8977	8368	8851
40°	6093	6160	6025
45°	4530	4774	4530
50°	3939	3939	3939
55°	3813	3633	3813
60°	3927	3582	3823
65°	4238	3708	4238
70°	5086	3777	5086
75°	6521	3926	6521
80°	8133	4166	7736
85°	6521	3952	7114

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 8133 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.6	12.6
10°-20°	44.8	24.9
20°-30°	39.6	22.0
30°-40°	26.0	14.4
40°-50°	15.2	8.4
50°-60°	11.2	6.2
60°-70°	9.5	5.3
70°-80°	7.9	4.4
80°-90°	3.3	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°	107.0	59.4
0°-40°	133.0	73.9
0°-60°	159.4	88.5
0°-90°	180.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	180.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	268	268	268	268	268	
5°	251	251	252	252	252	23
15°	162	162	160	162	162	45
25°	89	86	83	85	88	41
35°	43	41	40	41	42	27
45°	19	19	20	19	19	15
55°	13	12	12	12	13	11
65°	10	10	9	10	10	10
75°	10	7	6	8	10	10
85°	3	4	2	3	4	4
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	268.5	268.5	268.5	268.5	268.5
1°	267.5	267.9	267.9	268.2	268.2
2°	264.9	265.6	265.9	265.9	265.9
3°	261.7	262.0	262.3	262.6	262.6
4°	257.1	257.4	257.4	258.1	258.4
5°	251.2	251.2	251.5	251.9	251.5
6°	244.4	244.4	244.7	244.7	244.7
7°	236.2	236.5	236.9	237.2	236.9
8°	227.4	227.7	228.7	228.7	228.4
9°	218.6	218.9	218.9	219.9	219.9
10°	209.8	209.8	209.1	209.8	210.4
12.5°	186.0	185.6	184.7	185.6	186.3
15°	161.8	161.8	159.5	161.5	162.1
17.5°	142.2	139.3	137.0	139.0	140.6
20°	122.3	119.4	116.8	118.8	120.7
22.5°	104.4	102.1	98.9	100.8	103.1
25°	89.1	86.1	82.9	85.2	87.8
27.5°	76.3	72.4	69.2	71.8	74.1
30°	63.3	60.7	57.7	59.7	62.0
32.5°	52.2	50.2	48.0	49.6	51.5
35°	42.7	41.1	39.8	40.8	42.1
37.5°	34.3	33.6	33.0	33.3	33.3
40°	27.1	27.4	27.4	27.4	26.8
42.5°	22.2	22.5	23.2	22.5	22.2
45°	18.6	18.9	19.6	18.9	18.6
47.5°	16.3	16.6	17.0	16.3	16.3
50°	14.7	14.7	14.7	14.7	14.7
52.5°	13.7	13.4	13.4	13.4	13.7
55°	12.7	12.4	12.1	12.4	12.7
57.5°	11.7	11.4	11.1	11.4	11.7
60°	11.4	10.8	10.4	10.8	11.1
62.5°	10.8	10.1	9.8	10.1	10.8
65°	10.4	9.5	9.1	9.5	10.4
67.5°	10.1	8.8	8.2	8.8	10.1
70°	10.1	8.2	7.5	8.5	10.1
72.5°	9.8	7.8	6.5	7.8	9.8
75°	9.8	7.2	5.9	7.5	9.8
77.5°	9.1	6.5	4.9	6.9	9.1
80°	8.2	5.9	4.2	6.2	7.8
82.5°	5.9	4.9	3.3	4.9	5.9
85°	3.3	3.6	2.0	3.3	3.6
87.5°	0.3	1.0	0.7	2.0	1.6
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)