

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: P1315852

Luminaire Tested: LDSQA3D17R709735DE010 3LSQCLDWWR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1315852
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-46)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D17R709735DE010 3LSQCLDWWR1MMS
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 97CRI , 3LSQCLDWWR1MMS T
Light Source: -
Ballast/Driver: -

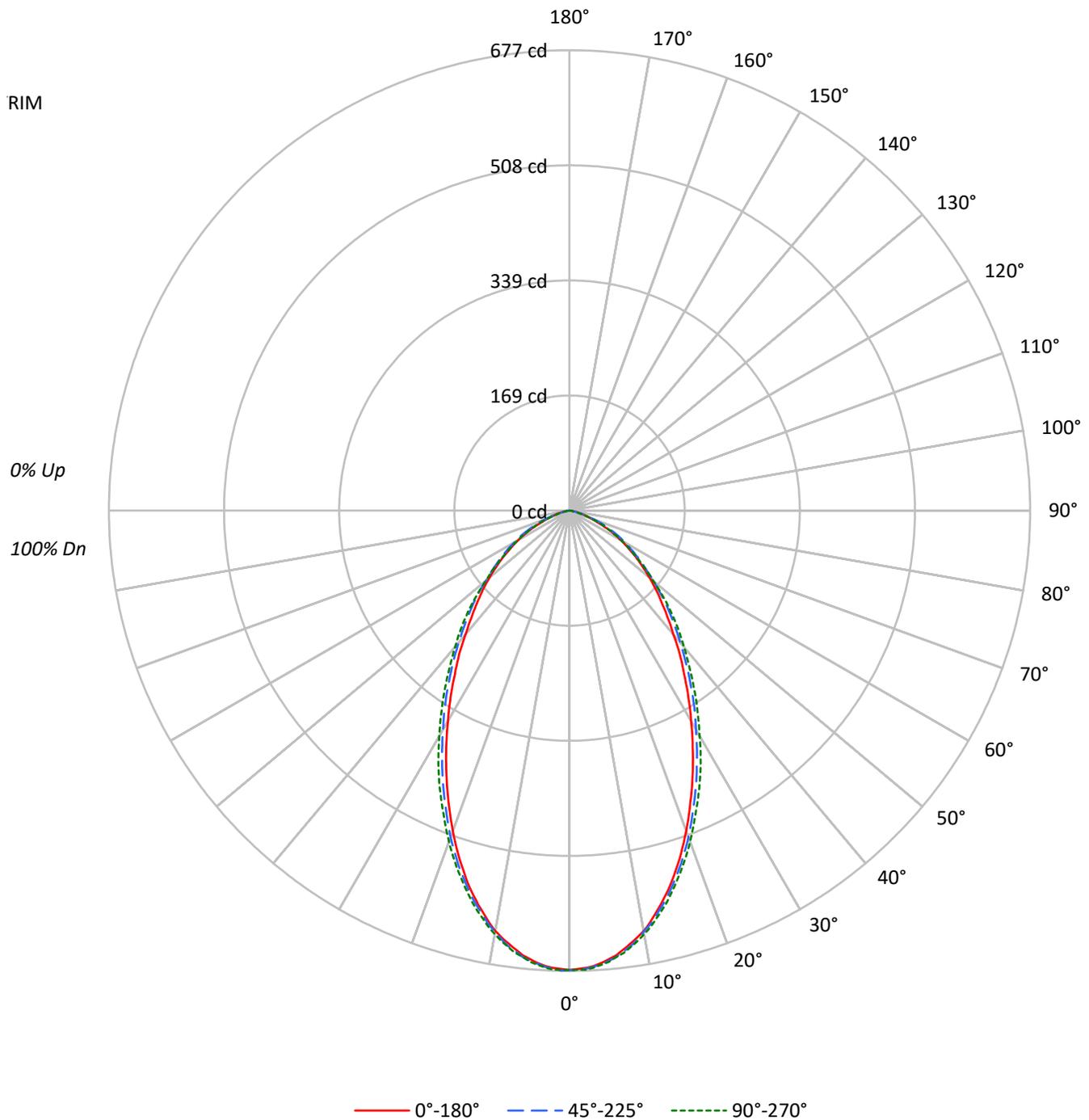
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 967.0 lumens
Efficiency: N/A
Efficacy: 45.6 lumens/watt
Spacing Criteria (0/90/45): 0.89 / 0.93 / 0.99
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
Input Voltage (V): NR
Input Current (A_{in}): 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





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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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100
1	111	108	104	102	109	106	103	100	101	99	97	98	96	94	94	93	91	89	89	89
2	103	97	92	87	101	95	90	86	92	88	84	89	85	82	86	83	80	79	79	79
3	96	87	81	76	94	86	80	75	83	78	74	81	76	72	78	74	71	69	69	69
4	89	79	72	66	87	78	71	66	76	70	65	74	69	64	72	67	64	62	62	62
5	83	72	65	59	81	71	64	59	69	63	58	67	62	58	66	61	57	55	55	55
6	78	66	59	53	76	65	58	53	64	57	53	62	56	52	61	56	52	50	50	50
7	73	61	53	48	71	60	53	48	59	52	48	58	52	47	56	51	47	45	45	45
8	68	57	49	44	67	56	49	44	55	48	44	53	48	43	52	47	43	41	41	41
9	64	53	45	40	63	52	45	40	51	45	40	50	44	40	49	44	40	38	38	38
10	61	49	42	37	60	49	42	37	48	41	37	47	41	37	46	41	37	35	35	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	116336	116336	116336
5°	114499	114914	115121
10°	109737	109947	110576
15°	101826	102682	103538
20°	91913	93672	94992
25°	81388	83669	85721
30°	71094	73958	76106
35°	61791	65071	67089
40°	53417	56925	58813
45°	46763	49978	51440
50°	41154	43083	43083
55°	35671	37473	36392
60°	30173	32240	30587
65°	23473	26896	24451
70°	16919	19940	16919
75°	12776	11978	9582
80°	8331	5951	2380
85°	2371	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 45°
 Luminance: 51440 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.3	6.4
10°-20°	160.7	16.6
20°-30°	201.8	20.9
30°-40°	192.7	19.9
40°-50°	156.7	16.2
50°-60°	109.7	11.3
60°-70°	62.0	6.4
70°-80°	19.6	2.0
80°-90°	1.5	0.2
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°	424.8	43.9
0°-40°	617.5	63.9
0°-60°	883.9	91.4
0°-90°	967.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	967.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	676	676	676	676	676	
5°	662	664	665	664	666	62
15°	571	572	576	577	581	159
25°	428	433	440	448	451	196
35°	294	299	310	316	319	184
45°	192	197	205	209	211	149
55°	119	120	125	122	121	106
65°	58	61	66	62	60	58
75°	19	19	18	16	14	21
85°	1	1	0	0	0	2
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	675.5	675.5	675.5	675.5	675.5
1°	674.3	675.5	676.7	674.3	675.5
2°	673.1	674.3	674.3	673.1	675.5
3°	670.7	671.9	671.9	670.7	673.1
4°	667.1	668.3	668.3	667.1	669.5
5°	662.3	663.5	664.7	663.5	665.9
6°	657.5	658.7	659.9	658.7	659.9
7°	650.3	652.7	652.7	652.7	655.1
8°	643.1	645.5	646.7	645.5	647.9
9°	635.9	637.1	638.3	638.3	640.7
10°	627.5	628.7	628.7	629.9	632.3
11°	617.9	617.9	620.3	620.3	623.9
12°	605.9	607.1	609.5	610.7	613.1
13°	595.1	596.3	598.7	599.9	603.5
14°	583.1	585.5	587.9	589.1	592.7
15°	571.1	572.3	575.9	577.1	580.7
17.5°	537.5	538.7	544.7	547.1	550.7
20°	501.5	505.1	511.1	514.7	518.3
22.5°	464.3	467.9	475.1	481.1	483.5
25°	428.3	433.1	440.3	447.5	451.1
27.5°	392.3	397.1	405.5	412.7	417.5
30°	357.5	362.3	371.9	377.9	382.7
32.5°	325.1	329.9	340.7	346.7	350.3
35°	293.9	298.7	309.5	315.5	319.1
37.5°	266.4	271.1	280.7	286.7	289.1
40°	237.6	243.6	253.2	259.2	261.6
42.5°	213.6	218.4	228.0	232.8	236.4
45°	192.0	196.8	205.2	208.8	211.2
47.5°	172.8	175.2	182.4	183.6	186.0
50°	153.6	156.0	160.8	162.0	160.8
52.5°	135.6	138.0	141.6	140.4	140.4
55°	118.8	120.0	124.8	122.4	121.2
57.5°	102.0	104.4	109.2	105.6	104.4
60°	87.6	90.0	93.6	91.2	88.8
62.5°	73.2	74.4	80.4	75.6	73.2
65°	57.6	61.2	66.0	62.4	60.0
67.5°	43.2	49.2	54.0	49.2	46.8
70°	33.6	36.0	39.6	37.2	33.6
72.5°	25.2	26.4	27.6	25.2	22.8
75°	19.2	19.2	18.0	15.6	14.4
77.5°	13.2	13.2	10.8	7.2	7.2
80°	8.4	8.4	6.0	2.4	2.4
82.5°	3.6	3.6	2.4	1.2	1.2
85°	1.2	1.2	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)