

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: P1315539

Luminaire Tested: LDSQA3D09R709735DE010 3LSQCLDWWR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1315539
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R709735DE010 3LSQCLDWWR1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 97CRI , 3LSQCLDWWR1MW TR
Light Source: -
Ballast/Driver: -

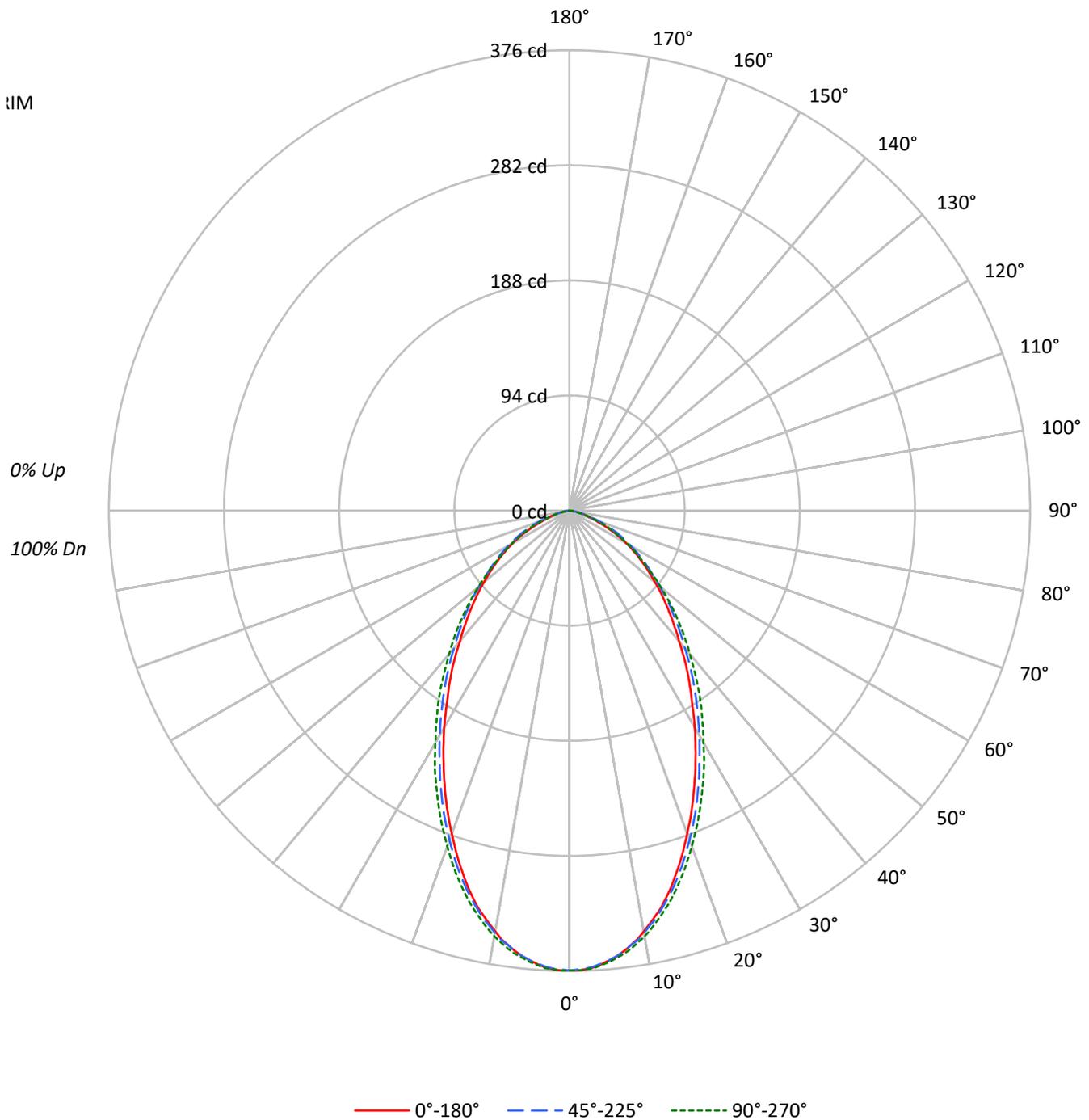
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 564.0 lumens
Efficiency: N/A
Efficacy: 50.8 lumens/watt
Spacing Criteria (0/90/45): 0.9 / 0.94 / 1.01
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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		
1	111	107	104	101	109	105	102	99	101	98	96	97	95	93	94	92	91	89		
2	103	96	91	86	101	95	89	85	91	87	83	88	84	81	85	82	80	78		
3	95	87	80	75	93	85	79	74	82	77	73	80	75	71	77	74	70	68		
4	89	78	71	65	87	77	70	65	75	69	64	73	67	63	71	66	62	61		
5	83	71	64	58	81	70	63	58	68	62	57	67	61	57	65	60	56	54		
6	77	65	58	52	75	64	57	52	63	56	51	61	55	51	60	55	51	49		
7	72	60	52	47	70	59	52	47	58	51	47	57	51	46	55	50	46	44		
8	68	56	48	43	66	55	48	43	54	47	42	53	47	42	51	46	42	40		
9	64	52	44	39	62	51	44	39	50	44	39	49	43	39	48	43	39	37		
10	60	48	41	36	59	48	41	36	47	40	36	46	40	36	45	40	36	34		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	64687	64687	64687
5°	63758	63758	64000
10°	61033	61278	61750
15°	56877	57376	58107
20°	51482	52472	53480
25°	45986	47279	48571
30°	40668	42160	43512
35°	35826	37403	38979
40°	31273	32959	34330
45°	27717	29227	30226
50°	24462	25748	26123
55°	21499	22730	22099
60°	18566	19943	19013
65°	14711	17238	15567
70°	10625	13394	11682
75°	8185	8650	7253
80°	5455	5455	4066
85°	2766	2766	2766

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 45°
 Luminance: 30226 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.6	6.1
10°-20°	89.9	15.9
20°-30°	114.2	20.3
30°-40°	111.1	19.7
40°-50°	92.4	16.4
50°-60°	66.6	11.8
60°-70°	39.2	7.0
70°-80°	13.9	2.5
80°-90°	2.0	0.4
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°	238.7	42.3
0°-40°	349.8	62.0
0°-60°	508.9	90.2
0°-90°	564.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	564.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	376	376	376	376	376	
5°	369	368	369	369	370	35
15°	319	319	322	324	326	89
25°	242	245	249	254	256	111
35°	170	172	178	183	185	106
45°	114	116	120	123	124	88
55°	72	74	76	75	74	64
65°	36	39	42	40	38	36
75°	12	13	13	12	11	13
85°	1	1	1	1	1	2
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	375.6	375.6	375.6	375.6	375.6
1°	375.6	374.9	374.9	374.9	375.6
2°	374.9	374.3	374.3	374.3	374.9
3°	373.6	372.9	372.9	372.9	374.3
4°	371.5	370.2	370.8	370.8	372.2
5°	368.8	368.1	368.8	368.8	370.2
6°	366.1	365.4	366.1	366.1	367.4
7°	362.7	362.0	362.7	363.3	364.7
8°	358.6	357.9	358.6	359.3	361.3
9°	354.5	353.8	355.2	355.8	357.2
10°	349.0	349.0	350.4	351.1	353.1
11°	343.6	343.6	344.9	346.3	348.3
12°	338.1	338.1	340.2	341.5	342.9
13°	332.7	332.0	334.0	335.4	337.4
14°	325.9	325.2	327.9	329.9	332.0
15°	319.0	319.0	321.8	323.8	325.9
17.5°	300.6	301.3	304.7	307.4	309.5
20°	280.9	282.9	286.3	289.7	291.8
22.5°	261.8	263.1	267.9	272.0	274.0
25°	242.0	244.7	248.8	253.6	255.6
27.5°	222.9	225.6	229.7	234.5	237.9
30°	204.5	206.6	212.0	216.8	218.8
32.5°	186.1	188.8	194.3	199.1	201.8
35°	170.4	172.5	177.9	182.7	185.4
37.5°	154.7	156.8	162.2	166.3	168.4
40°	139.1	142.5	146.6	150.7	152.7
42.5°	126.1	128.8	132.9	136.3	138.4
45°	113.8	115.9	120.0	122.7	124.1
47.5°	102.3	104.3	108.4	109.8	110.4
50°	91.3	93.4	96.1	96.8	97.5
52.5°	81.1	82.5	85.2	85.2	84.5
55°	71.6	73.6	75.7	75.0	73.6
57.5°	62.7	63.4	66.8	65.4	64.1
60°	53.9	55.2	57.9	56.6	55.2
62.5°	45.0	46.4	49.8	48.4	46.4
65°	36.1	38.9	42.3	40.2	38.2
67.5°	27.3	30.7	34.1	32.0	30.7
70°	21.1	23.9	26.6	24.5	23.2
72.5°	16.4	17.7	19.1	17.7	16.4
75°	12.3	13.0	13.0	11.6	10.9
77.5°	8.9	9.5	8.2	6.8	6.8
80°	5.5	6.1	5.5	4.1	4.1
82.5°	2.7	3.4	2.7	2.7	2.7
85°	1.4	1.4	1.4	1.4	1.4
87.5°	0.7	0.7	0.7	0.7	0.7



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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)