

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: P1314550

Luminaire Tested: LDSQA3D09R609730DE010 3LSQCDR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1314550
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R609730DE010 3LSQCDR1MMS
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 97CRI , 3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

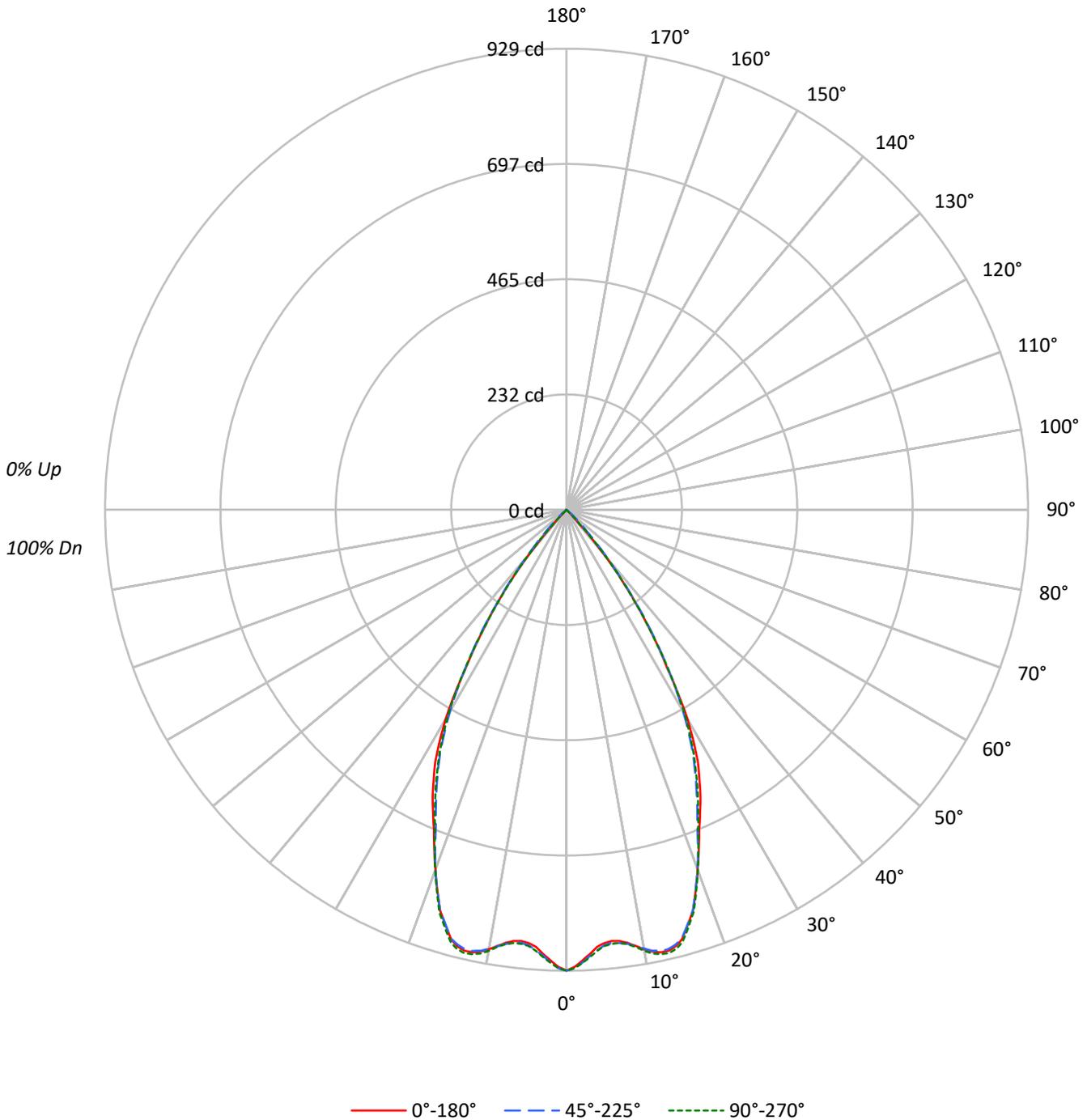
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 823.0 lumens
Efficiency: N/A
Efficacy: 74.1 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.93 / 0.9
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	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	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	96	96	96	94
2	108	104	100	97	106	102	98	95	99	96	93	96	93	91	93	91	89	93	91	89	88
3	103	97	92	88	101	96	91	88	93	89	86	91	88	85	88	86	84	88	86	84	82
4	98	91	86	81	96	90	85	81	88	83	80	86	82	79	84	81	78	84	81	78	77
5	93	85	80	76	92	84	79	75	83	78	75	81	77	74	79	76	73	79	76	73	72
6	89	80	74	70	87	79	74	70	78	73	70	77	72	69	75	72	69	75	72	69	67
7	85	76	70	66	83	75	69	65	74	69	65	72	68	65	71	67	64	71	67	64	63
8	81	71	66	62	79	71	65	61	70	65	61	69	64	61	68	64	61	68	64	61	59
9	77	67	62	58	76	67	61	58	66	61	57	65	61	57	64	60	57	64	60	57	56
10	73	64	58	54	72	63	58	54	63	58	54	62	57	54	61	57	54	61	57	54	53

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	159943	159943	159943
5°	151478	152273	152498
10°	157252	157007	157934
15°	159844	159612	160789
20°	141452	141452	141690
25°	121218	117607	118615
30°	96967	93447	94879
35°	60172	61413	60025
40°	26416	29069	27158
45°	317	9426	804
50°	0	1045	0
55°	0	0	0
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 9426 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	84.8	10.3
10°-20°	245.9	29.9
20°-30°	285.4	34.7
30°-40°	179.8	21.8
40°-50°	27.0	3.3
50°-60°	0.1	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	616.1	74.9
0°-40°	795.9	96.7
0°-60°	823.0	100.0
0°-90°	823.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	823.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	929	929	929	929	929	
5°	876	880	881	883	882	85
15°	896	893	895	901	902	246
25°	638	631	619	622	624	290
35°	286	287	292	286	286	179
45°	1	12	39	16	3	18
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	928.7	928.7	928.7	928.7	928.7
1°	921.5	924.1	924.1	924.8	924.1
2°	909.0	912.9	912.9	914.9	913.6
3°	896.5	899.8	900.5	903.1	902.4
4°	882.8	888.0	890.0	891.3	890.6
5°	876.2	879.5	880.8	882.8	882.1
6°	873.6	876.2	877.5	879.5	879.5
7°	875.5	877.5	879.5	880.8	879.5
8°	881.4	883.4	883.4	886.0	884.1
9°	890.0	890.6	890.6	893.9	891.9
10°	899.2	897.8	897.8	902.4	903.1
11°	907.0	905.7	905.1	909.7	911.0
12°	911.6	909.0	909.0	914.9	915.6
13°	912.3	909.0	909.0	914.9	916.9
14°	907.0	903.1	903.8	910.3	912.3
15°	896.5	893.3	895.2	901.1	901.8
17.5°	846.7	844.7	846.0	849.9	850.6
20°	771.8	770.5	771.8	771.8	773.1
22.5°	697.7	694.4	687.8	691.8	692.4
25°	637.9	630.7	618.9	621.5	624.2
27.5°	572.3	563.1	550.7	553.9	554.6
30°	487.6	483.1	469.9	473.2	477.1
32.5°	376.7	389.2	381.3	380.7	381.3
35°	286.2	286.8	292.1	286.2	285.5
37.5°	200.2	200.8	204.8	198.2	198.9
40°	117.5	126.0	129.3	126.7	120.8
42.5°	36.8	65.0	73.5	63.7	40.7
45°	1.3	12.5	38.7	16.4	3.3
47.5°	0.0	0.7	18.4	1.3	0.0
50°	0.0	0.0	3.9	0.0	0.0
52.5°	0.0	0.0	0.7	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	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)