

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: P1323698

Luminaire Tested: LDSQA3D05R709030D2WDE010 3LSQCLDWWR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323698
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: LDSQA3D05R709030D2WDE010 3LSQCLDWWR1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R70 optic, 3000K CCT AND, 90CRI ,
3LSQCLDWWR1MW TRIM
Light Source: -
Ballast/Driver: -

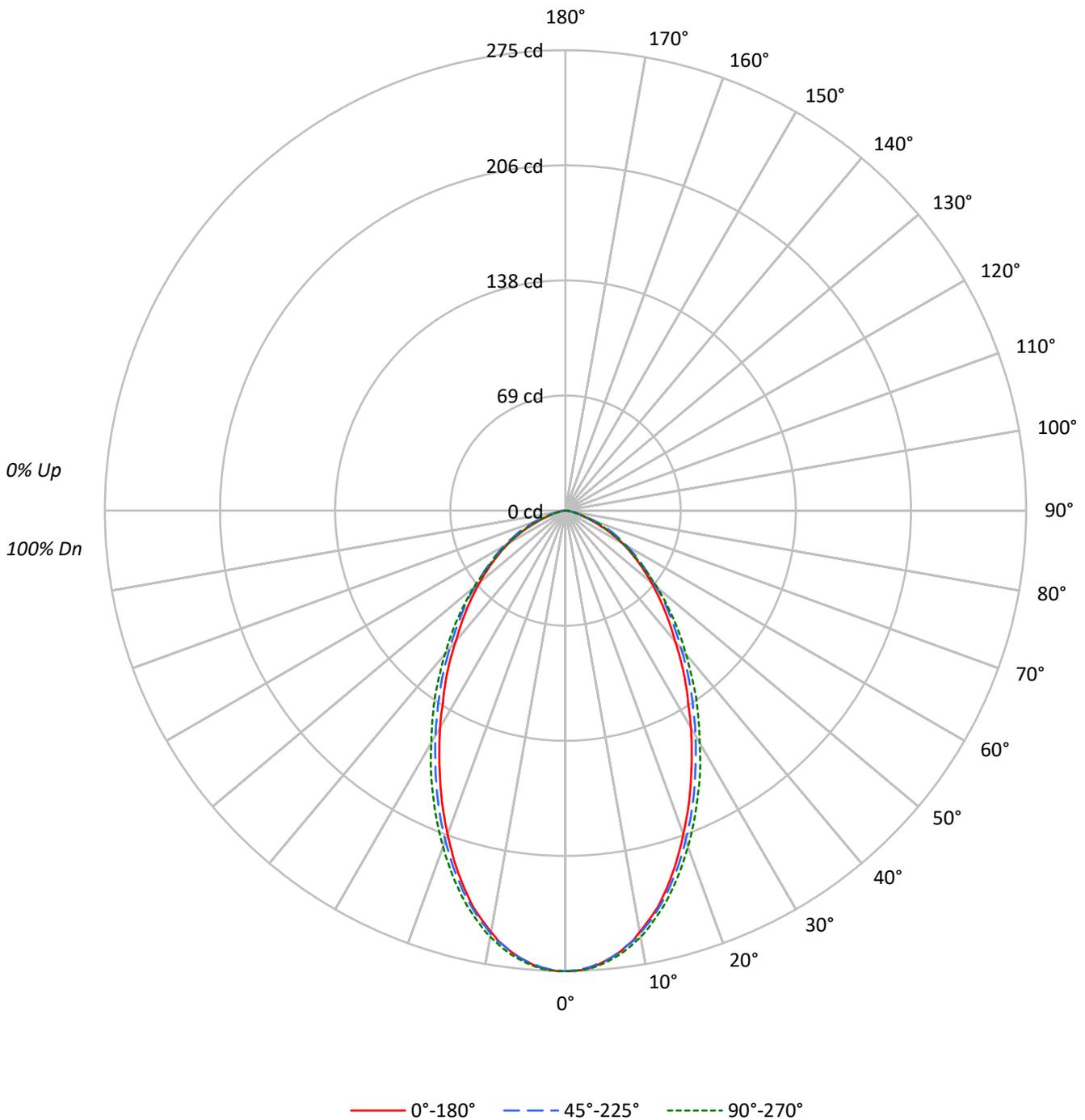
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 413.0 lumens
Efficiency: N/A
Efficacy: 37.2 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 (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





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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	47378	47378	47378
5°	46695	46695	46868
10°	44699	44874	45224
15°	41650	42007	42542
20°	37700	38433	39166
25°	33673	34623	35573
30°	29790	30864	31858
35°	26239	27395	28551
40°	22887	24123	25135
45°	20313	21409	22140
50°	17925	18862	19130
55°	15734	16634	16184
60°	13571	14604	13916
65°	10799	12592	11410
70°	7805	9819	8560
75°	5989	6321	5323
80°	3967	3967	2975
85°	1976	1976	1976

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 45°
 Luminance: 22140 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.4	6.1
10°-20°	65.8	15.9
20°-30°	83.6	20.3
30°-40°	81.4	19.7
40°-50°	67.7	16.4
50°-60°	48.8	11.8
60°-70°	28.7	7.0
70°-80°	10.2	2.5
80°-90°	1.5	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°	174.8	42.3
0°-40°	256.2	62.0
0°-60°	372.6	90.2
0°-90°	413.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	413.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	275	275	275	275	275	
5°	270	270	270	270	271	25
15°	234	234	236	237	239	65
25°	177	179	182	186	187	81
35°	125	126	130	134	136	78
45°	83	85	88	90	91	65
55°	52	54	55	55	54	47
65°	26	28	31	30	28	26
75°	9	10	10	8	8	10
85°	1	1	1	1	1	1
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	275.1	275.1	275.1	275.1	275.1
1°	275.1	274.6	274.6	274.6	275.1
2°	274.6	274.1	274.1	274.1	274.6
3°	273.6	273.1	273.1	273.1	274.1
4°	272.1	271.1	271.6	271.6	272.6
5°	270.1	269.6	270.1	270.1	271.1
6°	268.1	267.6	268.1	268.1	269.1
7°	265.6	265.1	265.6	266.1	267.1
8°	262.6	262.1	262.6	263.1	264.6
9°	259.6	259.1	260.1	260.6	261.6
10°	255.6	255.6	256.6	257.1	258.6
11°	251.6	251.6	252.6	253.6	255.1
12°	247.6	247.6	249.1	250.1	251.1
13°	243.6	243.1	244.6	245.6	247.1
14°	238.6	238.1	240.1	241.6	243.1
15°	233.6	233.6	235.6	237.1	238.6
17.5°	220.1	220.6	223.1	225.1	226.6
20°	205.7	207.2	209.7	212.2	213.7
22.5°	191.7	192.7	196.2	199.2	200.7
25°	177.2	179.2	182.2	185.7	187.2
27.5°	163.2	165.2	168.2	171.7	174.2
30°	149.8	151.3	155.2	158.7	160.2
32.5°	136.3	138.3	142.3	145.8	147.8
35°	124.8	126.3	130.3	133.8	135.8
37.5°	113.3	114.8	118.8	121.8	123.3
40°	101.8	104.3	107.3	110.3	111.8
42.5°	92.4	94.3	97.3	99.8	101.3
45°	83.4	84.9	87.9	89.9	90.9
47.5°	74.9	76.4	79.4	80.4	80.9
50°	66.9	68.4	70.4	70.9	71.4
52.5°	59.4	60.4	62.4	62.4	61.9
55°	52.4	53.9	55.4	54.9	53.9
57.5°	45.9	46.4	48.9	47.9	46.9
60°	39.4	40.4	42.4	41.4	40.4
62.5°	32.9	33.9	36.4	35.4	33.9
65°	26.5	28.5	30.9	29.5	28.0
67.5°	20.0	22.5	25.0	23.5	22.5
70°	15.5	17.5	19.5	18.0	17.0
72.5°	12.0	13.0	14.0	13.0	12.0
75°	9.0	9.5	9.5	8.5	8.0
77.5°	6.5	7.0	6.0	5.0	5.0
80°	4.0	4.5	4.0	3.0	3.0
82.5°	2.0	2.5	2.0	2.0	2.0
85°	1.0	1.0	1.0	1.0	1.0
87.5°	0.5	0.5	0.5	0.5	0.5



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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)