

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: P1323551

Luminaire Tested: LDSQA3D02R709030D2WDE010 3LSQCLDWWR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1323551
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: LDSQA3D02R709030D2WDE010 3LSQCLDWWWR1MMS
Description: 3in Adjustable Dim to Warm LED luminaire with, R70 optic, 3000K CCT AND, 90CRI ,
3LSQCLDWWWR1MMS TRIM
Light Source: -
Ballast/Driver: -

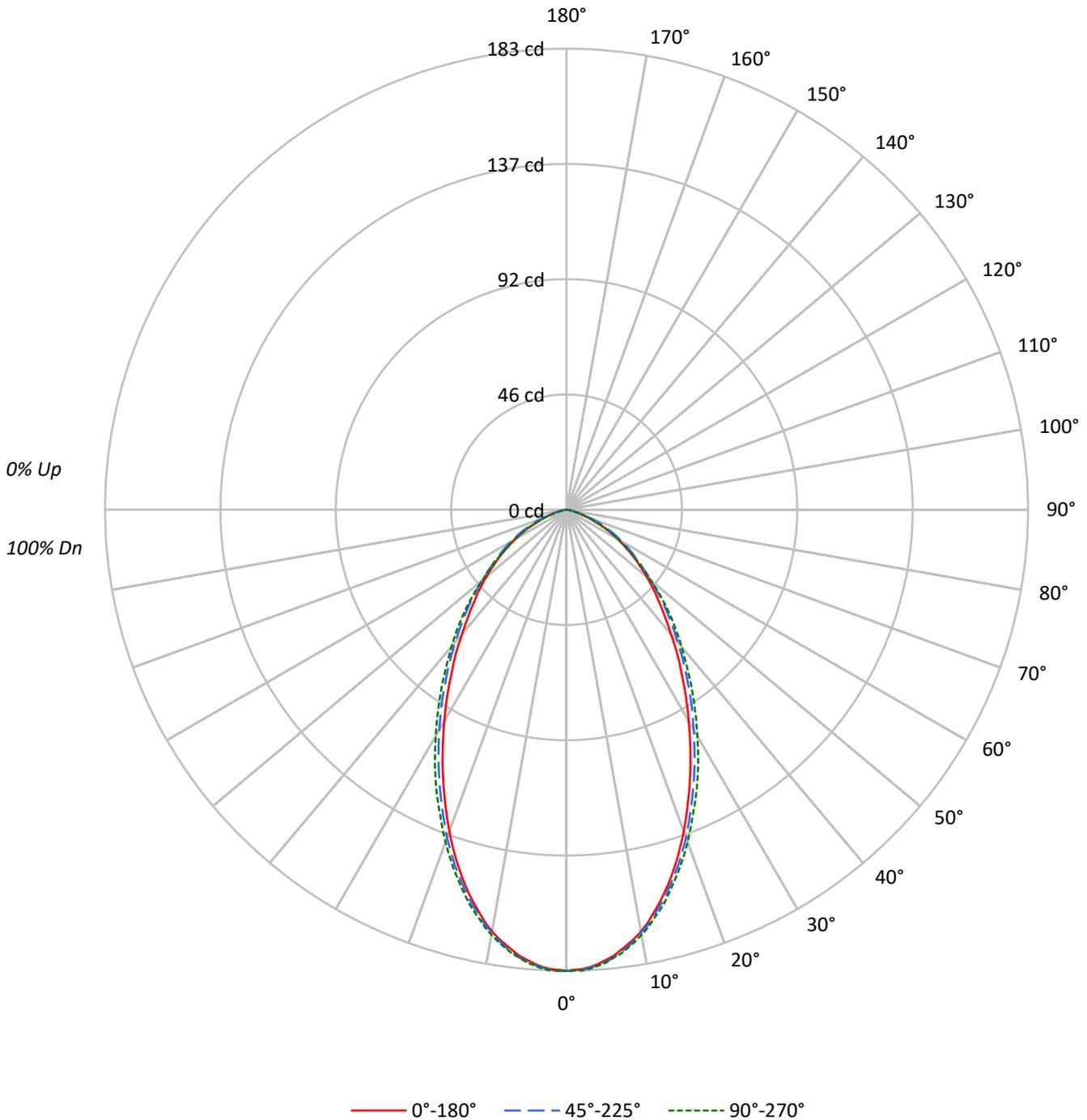
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 262.0 lumens
Efficiency: N/A
Efficacy: 36.4 lumens/watt
Spacing Criteria (0/90/45): 0.89 / 0.93 / 1
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





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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	31517	31517	31517
5°	31015	31136	31188
10°	29730	29782	29957
15°	27583	27814	28046
20°	24907	25384	25732
25°	22043	22670	23221
30°	19270	20046	20622
35°	16736	17640	18186
40°	14478	15423	15940
45°	12665	13542	13932
50°	11146	11682	11682
55°	9668	10149	9849
60°	8163	8749	8301
65°	6357	7294	6642
70°	4582	5388	4582
75°	3460	3261	2595
80°	2281	1587	694
85°	593	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 45°
 Luminance: 13932 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.9	6.4
10°-20°	43.6	16.6
20°-30°	54.7	20.9
30°-40°	52.2	19.9
40°-50°	42.5	16.2
50°-60°	29.7	11.3
60°-70°	16.8	6.4
70°-80°	5.3	2.0
80°-90°	0.4	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°	115.1	43.9
0°-40°	167.3	63.9
0°-60°	239.5	91.4
0°-90°	262.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	262.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	183	183	183	183	183	
5°	179	180	180	180	180	17
15°	155	155	156	156	157	43
25°	116	117	119	121	122	53
35°	80	81	84	86	86	50
45°	52	53	56	57	57	40
55°	32	32	34	33	33	29
65°	16	17	18	17	16	16
75°	5	5	5	4	4	6
85°	0	0	0	0	0	1
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	183.0	183.0	183.0	183.0	183.0
1°	182.7	183.0	183.3	182.7	183.0
2°	182.4	182.7	182.7	182.4	183.0
3°	181.7	182.0	182.0	181.7	182.4
4°	180.7	181.1	181.1	180.7	181.4
5°	179.4	179.8	180.1	179.8	180.4
6°	178.1	178.5	178.8	178.5	178.8
7°	176.2	176.8	176.8	176.8	177.5
8°	174.2	174.9	175.2	174.9	175.5
9°	172.3	172.6	172.9	172.9	173.6
10°	170.0	170.3	170.3	170.7	171.3
11°	167.4	167.4	168.1	168.1	169.0
12°	164.2	164.5	165.1	165.5	166.1
13°	161.2	161.6	162.2	162.5	163.5
14°	158.0	158.6	159.3	159.6	160.6
15°	154.7	155.1	156.0	156.4	157.3
17.5°	145.6	146.0	147.6	148.2	149.2
20°	135.9	136.9	138.5	139.5	140.4
22.5°	125.8	126.8	128.7	130.4	131.0
25°	116.0	117.3	119.3	121.3	122.2
27.5°	106.3	107.6	109.9	111.8	113.1
30°	96.9	98.2	100.8	102.4	103.7
32.5°	88.1	89.4	92.3	93.9	94.9
35°	79.6	80.9	83.9	85.5	86.5
37.5°	72.2	73.5	76.1	77.7	78.3
40°	64.4	66.0	68.6	70.2	70.9
42.5°	57.9	59.2	61.8	63.1	64.0
45°	52.0	53.3	55.6	56.6	57.2
47.5°	46.8	47.5	49.4	49.7	50.4
50°	41.6	42.3	43.6	43.9	43.6
52.5°	36.7	37.4	38.4	38.0	38.0
55°	32.2	32.5	33.8	33.2	32.8
57.5°	27.6	28.3	29.6	28.6	28.3
60°	23.7	24.4	25.4	24.7	24.1
62.5°	19.8	20.2	21.8	20.5	19.8
65°	15.6	16.6	17.9	16.9	16.3
67.5°	11.7	13.3	14.6	13.3	12.7
70°	9.1	9.8	10.7	10.1	9.1
72.5°	6.8	7.2	7.5	6.8	6.2
75°	5.2	5.2	4.9	4.2	3.9
77.5°	3.6	3.6	2.9	2.0	2.0
80°	2.3	2.3	1.6	0.7	0.7
82.5°	1.0	1.0	0.7	0.3	0.3
85°	0.3	0.3	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)