

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: P1325917

Luminaire Tested: LDSQA3D09R15W2N902765DE010 3LSQPHRLP1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1325917
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R15W2N902765DE010 3LSQPHRLP1MW_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,
3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

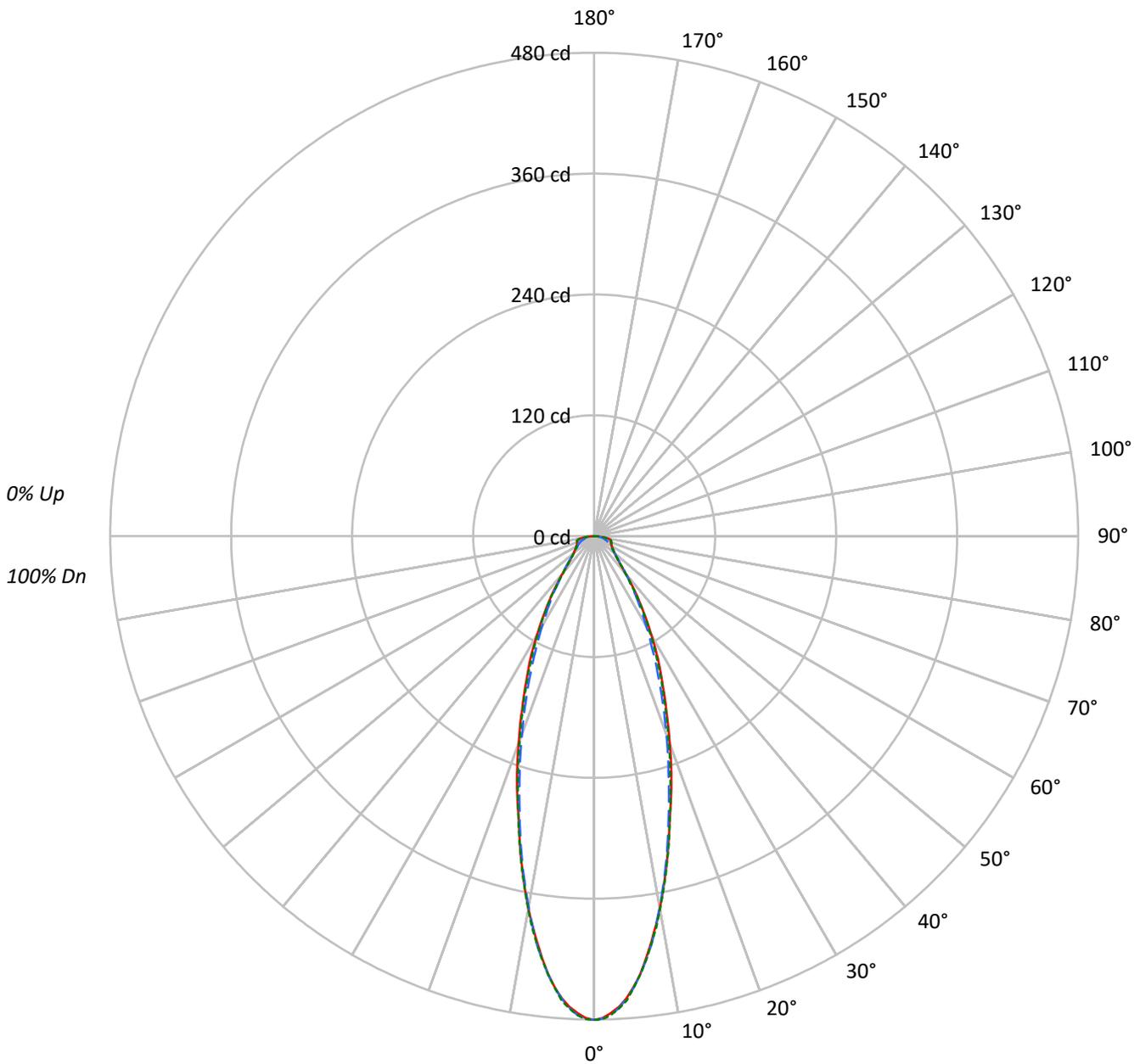
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 322.0 lumens
Efficiency: N/A
Efficacy: 35.8 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.63
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 9
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



0% Up
100% Dn

— 0°-180° - - 45°-225° - - - 90°-270°



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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	111	108	104	101	109	105	102	100	101	99	96	97	95	94	94	92	91	91	91	91	89
2	104	98	93	88	102	96	91	87	93	89	85	90	86	83	87	84	82	82	82	82	80
3	98	90	84	79	96	88	83	78	86	81	77	83	79	76	81	77	74	74	74	74	73
4	92	83	76	71	90	82	76	71	80	74	70	77	73	69	75	71	68	68	68	68	66
5	87	77	70	65	85	76	70	65	74	69	64	72	68	64	71	67	63	63	63	63	61
6	82	72	65	60	81	71	65	60	70	64	60	68	63	59	67	62	59	59	59	59	57
7	78	68	61	56	77	67	60	56	66	60	56	64	59	55	63	58	55	55	55	55	53
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	52	52	52	50
9	71	60	54	49	70	60	53	49	59	53	49	58	53	49	57	52	49	49	49	49	47
10	68	57	51	47	67	57	51	47	56	50	46	55	50	46	54	49	46	46	46	46	45

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	82719	82719	82719
5°	77692	77796	77796
10°	65632	65422	65825
15°	51617	50886	51724
20°	40119	38286	39569
25°	30271	28162	29834
30°	22512	20543	22054
35°	16084	14969	15831
40°	10881	11016	10769
45°	8111	8525	8111
50°	7047	7047	7047
55°	6846	6486	6846
60°	7027	6441	6820
65°	7621	6642	7621
70°	9114	6748	9114
75°	11645	6987	11645
80°	14480	7538	13885
85°	11461	6916	12647

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 14480 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.5	12.6
10°-20°	80.1	24.9
20°-30°	70.8	22.0
30°-40°	46.5	14.4
40°-50°	27.2	8.4
50°-60°	20.0	6.2
60°-70°	17.1	5.3
70°-80°	14.1	4.4
80°-90°	5.8	1.8
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°	191.4	59.4
0°-40°	237.9	73.9
0°-60°	285.1	88.5
0°-90°	322.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	322.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	480	480	480	480	480	
5°	449	449	450	451	450	40
15°	290	290	285	289	290	81
25°	159	154	148	152	157	74
35°	76	74	71	73	75	48
45°	33	34	35	34	33	27
55°	23	22	22	22	23	21
65°	19	17	16	17	19	19
75°	18	13	10	13	18	18
85°	6	6	4	6	6	7
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	480.3	480.3	480.3	480.3	480.3
1°	478.6	479.2	479.2	479.7	479.7
2°	473.9	475.1	475.7	475.7	475.7
3°	468.1	468.7	469.2	469.8	469.8
4°	459.9	460.5	460.5	461.7	462.2
5°	449.4	449.4	450.0	450.6	450.0
6°	437.1	437.1	437.7	437.7	437.7
7°	422.5	423.1	423.7	424.3	423.7
8°	406.8	407.4	409.1	409.1	408.5
9°	391.0	391.6	391.6	393.4	393.4
10°	375.3	375.3	374.1	375.3	376.4
12.5°	332.7	332.1	330.3	332.1	333.3
15°	289.5	289.5	285.4	288.9	290.1
17.5°	254.5	249.2	245.1	248.6	251.5
20°	218.9	213.6	208.9	212.4	215.9
22.5°	186.8	182.7	176.8	180.3	184.4
25°	159.3	154.1	148.2	152.3	157.0
27.5°	136.6	129.6	123.7	128.4	132.5
30°	113.2	108.6	103.3	106.8	110.9
32.5°	93.4	89.9	85.8	88.7	92.2
35°	76.5	73.5	71.2	73.0	75.3
37.5°	61.3	60.1	58.9	59.5	59.5
40°	48.4	49.0	49.0	49.0	47.9
42.5°	39.7	40.3	41.4	40.3	39.7
45°	33.3	33.9	35.0	33.9	33.3
47.5°	29.2	29.8	30.3	29.2	29.2
50°	26.3	26.3	26.3	26.3	26.3
52.5°	24.5	23.9	23.9	23.9	24.5
55°	22.8	22.2	21.6	22.2	22.8
57.5°	21.0	20.4	19.8	20.4	21.0
60°	20.4	19.3	18.7	19.3	19.8
62.5°	19.3	18.1	17.5	18.1	19.3
65°	18.7	16.9	16.3	16.9	18.7
67.5°	18.1	15.8	14.6	15.8	18.1
70°	18.1	14.6	13.4	15.2	18.1
72.5°	17.5	14.0	11.7	14.0	17.5
75°	17.5	12.8	10.5	13.4	17.5
77.5°	16.3	11.7	8.8	12.3	16.3
80°	14.6	10.5	7.6	11.1	14.0
82.5°	10.5	8.8	5.8	8.8	10.5
85°	5.8	6.4	3.5	5.8	6.4
87.5°	0.6	1.8	1.2	3.5	2.9
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)