

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: P1324215

Luminaire Tested: LDSQA3D05R15W2N902750DE010 3LSQPHRLP1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324215
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: LDSQA3D05R15W2N902750DE010 3LSQPHRLP1MW_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 2700K CCT AND, 90CRI ,
3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

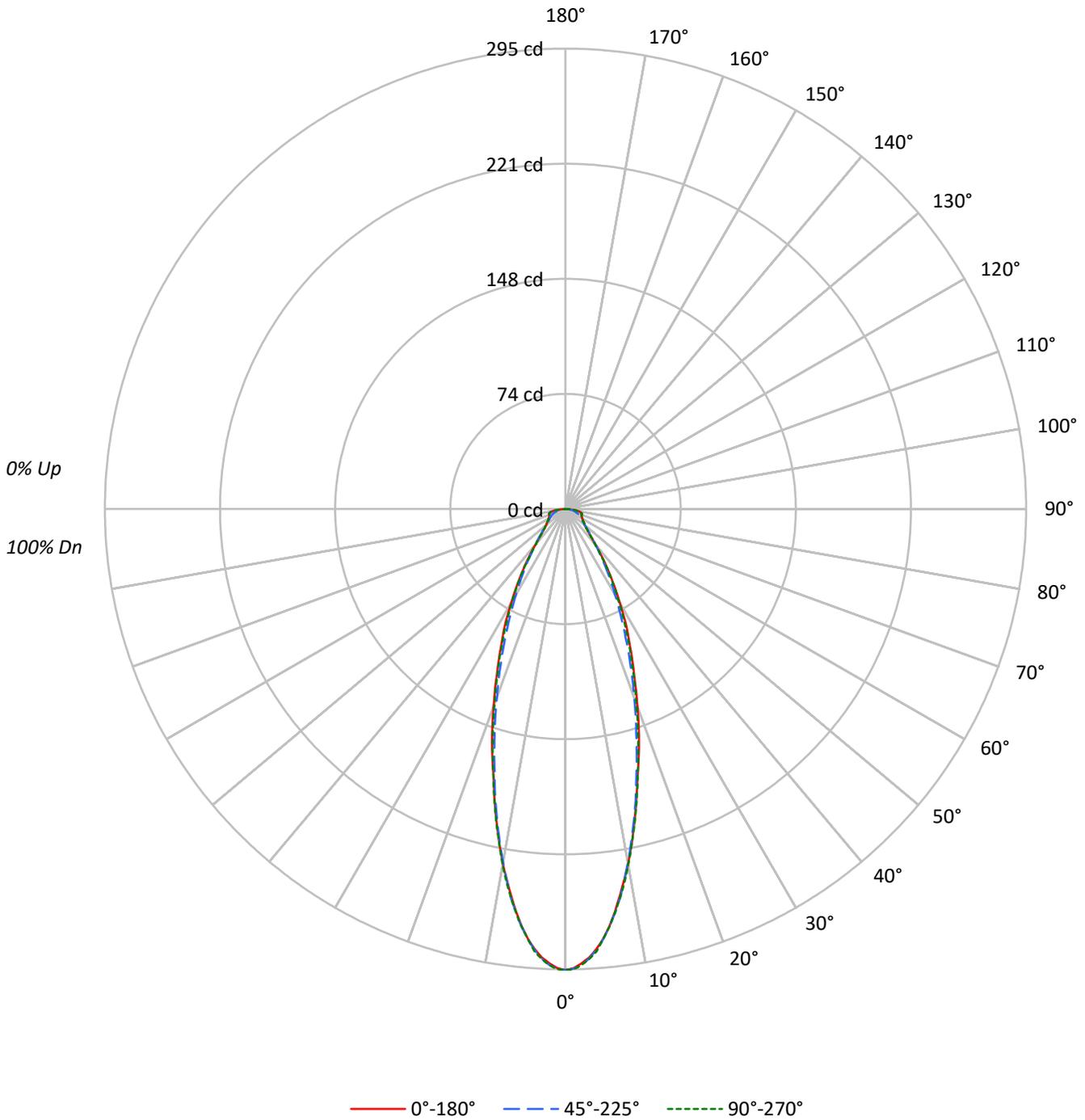
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 198.0 lumens
Efficiency: N/A
Efficacy: 33.6 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): 5.9
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





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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°	50875	50875	50875
5°	47767	47836	47836
10°	40362	40222	40485
15°	31737	31291	31808
20°	24669	23551	24339
25°	18623	17330	18338
30°	13841	12628	13563
35°	9882	9209	9734
40°	6700	6767	6610
45°	4993	5237	4993
50°	4314	4314	4314
55°	4204	3993	4204
60°	4340	3961	4202
65°	4686	4075	4686
70°	5589	4179	5589
75°	7187	4325	7187
80°	8926	4661	8529
85°	7114	4347	7707

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 8926 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.9	12.6
10°-20°	49.2	24.9
20°-30°	43.5	22.0
30°-40°	28.6	14.4
40°-50°	16.7	8.4
50°-60°	12.3	6.2
60°-70°	10.5	5.3
70°-80°	8.7	4.4
80°-90°	3.6	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°	117.7	59.4
0°-40°	146.3	73.9
0°-60°	175.3	88.5
0°-90°	198.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	198.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	295	295	295	295	295	
5°	276	276	277	277	277	25
15°	178	178	176	178	178	50
25°	98	95	91	94	96	45
35°	47	45	44	45	46	30
45°	20	21	22	21	20	16
55°	14	14	13	14	14	13
65°	12	10	10	10	12	11
75°	11	8	6	8	11	11
85°	4	4	2	4	4	4
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	295.4	295.4	295.4	295.4	295.4
1°	294.3	294.6	294.6	295.0	295.0
2°	291.4	292.1	292.5	292.5	292.5
3°	287.8	288.2	288.5	288.9	288.9
4°	282.8	283.2	283.2	283.9	284.2
5°	276.3	276.3	276.7	277.1	276.7
6°	268.8	268.8	269.2	269.2	269.2
7°	259.8	260.2	260.5	260.9	260.5
8°	250.1	250.5	251.6	251.6	251.2
9°	240.4	240.8	240.8	241.9	241.9
10°	230.8	230.8	230.0	230.8	231.5
12.5°	204.6	204.2	203.1	204.2	204.9
15°	178.0	178.0	175.5	177.6	178.4
17.5°	156.5	153.2	150.7	152.9	154.7
20°	134.6	131.3	128.5	130.6	132.8
22.5°	114.8	112.3	108.7	110.9	113.4
25°	98.0	94.7	91.2	93.7	96.5
27.5°	84.0	79.7	76.1	79.0	81.5
30°	69.6	66.8	63.5	65.7	68.2
32.5°	57.4	55.3	52.8	54.5	56.7
35°	47.0	45.2	43.8	44.9	46.3
37.5°	37.7	37.0	36.2	36.6	36.6
40°	29.8	30.1	30.1	30.1	29.4
42.5°	24.4	24.8	25.5	24.8	24.4
45°	20.5	20.8	21.5	20.8	20.5
47.5°	17.9	18.3	18.7	17.9	17.9
50°	16.1	16.1	16.1	16.1	16.1
52.5°	15.1	14.7	14.7	14.7	15.1
55°	14.0	13.6	13.3	13.6	14.0
57.5°	12.9	12.6	12.2	12.6	12.9
60°	12.6	11.8	11.5	11.8	12.2
62.5°	11.8	11.1	10.8	11.1	11.8
65°	11.5	10.4	10.0	10.4	11.5
67.5°	11.1	9.7	9.0	9.7	11.1
70°	11.1	9.0	8.3	9.3	11.1
72.5°	10.8	8.6	7.2	8.6	10.8
75°	10.8	7.9	6.5	8.3	10.8
77.5°	10.0	7.2	5.4	7.5	10.0
80°	9.0	6.5	4.7	6.8	8.6
82.5°	6.5	5.4	3.6	5.4	6.5
85°	3.6	3.9	2.2	3.6	3.9
87.5°	0.4	1.1	0.7	2.2	1.8
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)