

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: P1326167

Luminaire Tested: LDSQA3D09R25W2N902750DE010 3LSQPHRLP1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1326167
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D09R25W2N902750DE010 3LSQPHRLP1MW_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI ,
3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

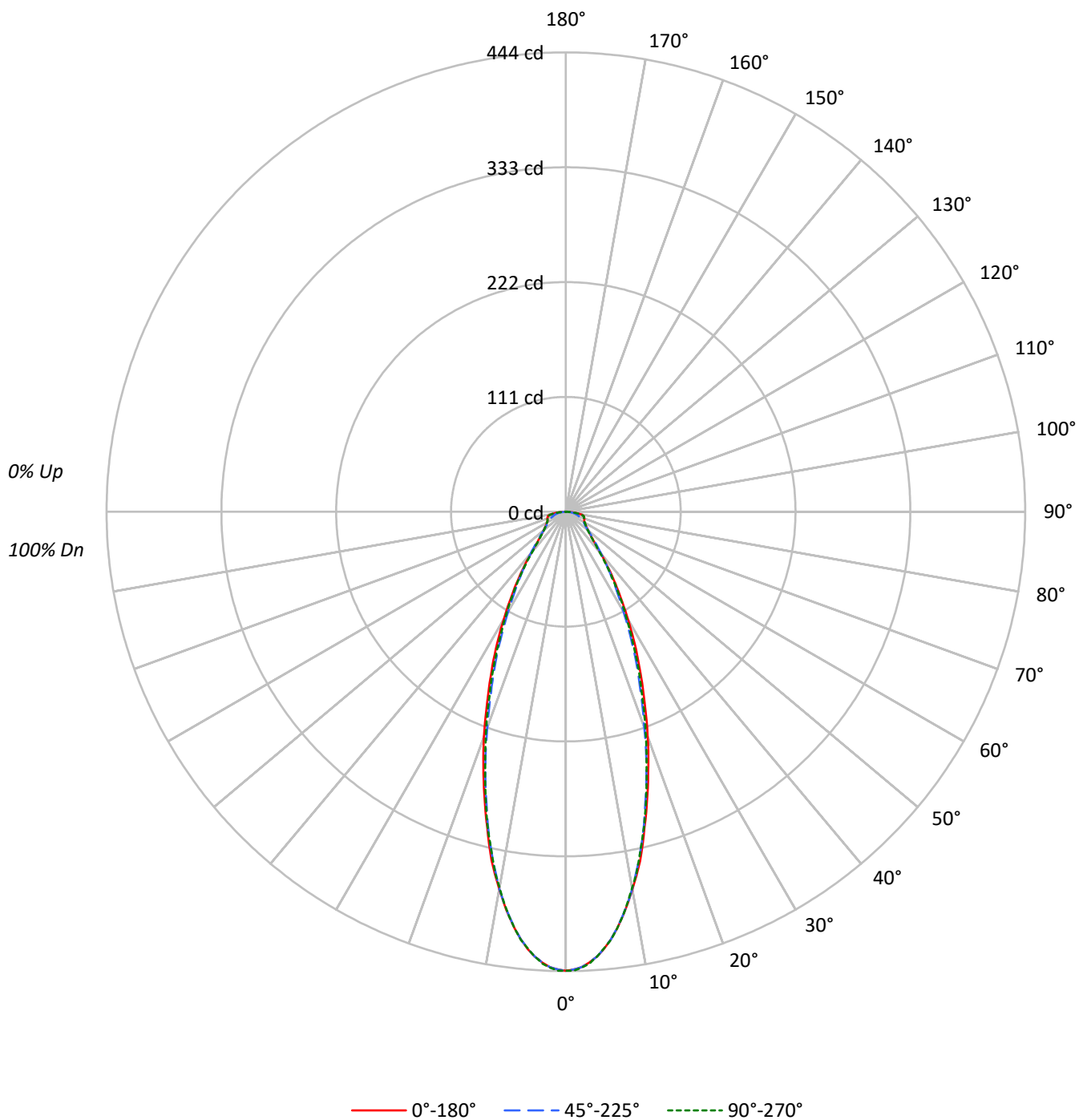
Lumens per Lamp: N/A
Luminaire Lumens: 335.0 lumens
Efficiency: N/A
Efficacy: 37.2 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.64 / 0.68
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	100
1	111	107	104	101	109	105	102	99	101	99	96	97	95	93	94	92	91	89	89	89
2	104	98	92	88	102	96	91	87	93	89	85	89	86	83	87	84	81	80	80	80
3	98	90	83	78	95	88	82	78	85	80	76	83	79	75	80	77	74	72	72	72
4	92	83	76	71	90	81	75	70	79	74	69	77	72	69	75	71	68	66	66	66
5	87	77	70	65	85	76	69	64	74	68	64	72	67	63	70	66	63	61	61	61
6	82	72	65	60	80	71	64	59	69	63	59	68	62	59	66	62	58	56	56	56
7	78	67	60	55	76	66	60	55	65	59	55	64	58	55	62	58	54	53	53	53
8	74	63	56	52	72	62	56	52	61	55	51	60	55	51	59	54	51	49	49	49
9	70	60	53	49	69	59	53	48	58	52	48	57	52	48	56	51	48	46	46	46
10	67	56	50	46	66	56	50	46	55	49	46	54	49	45	53	49	45	44	44	44

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	76398	76398	76398
5°	73301	73215	73215
10°	64793	64705	64513
15°	53507	52758	53044
20°	42392	40651	41329
25°	32286	30575	31373
30°	23784	22114	23049
35°	17030	16252	16462
40°	11668	11893	11308
45°	8646	9158	8500
50°	7529	7529	7368
55°	7146	6846	7146
60°	7302	6751	7302
65°	7987	6887	7987
70°	9618	6949	9316
75°	11978	7386	11978
80°	15274	7835	14183
85°	12647	7311	12647

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 15274 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.7	11.6
10°-20°	82.2	24.6
20°-30°	75.4	22.5
30°-40°	49.7	14.8
40°-50°	28.9	8.6
50°-60°	21.1	6.3
60°-70°	18.0	5.4
70°-80°	14.8	4.4
80°-90°	6.1	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°	196.3	58.6
0°-40°	246.0	73.4
0°-60°	296.1	88.4
0°-90°	335.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	335.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	444	444	444	444	444	
5°	424	424	424	424	424	39
15°	300	299	296	297	298	83
25°	170	165	161	161	165	78
35°	81	79	77	77	78	51
45°	36	36	38	36	35	29
55°	24	24	23	23	24	22
65°	20	18	17	18	20	20
75°	18	14	11	14	18	19
85°	6	7	4	7	6	7
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	443.6	443.6	443.6	443.6	443.6
1°	442.5	442.5	442.5	442.5	443.6
2°	440.4	439.9	440.4	440.4	440.9
3°	436.2	436.2	436.2	436.2	437.2
4°	430.9	430.9	430.9	430.9	430.9
5°	424.0	423.5	423.5	424.0	423.5
6°	415.5	415.5	415.5	415.5	416.0
7°	406.0	405.5	405.5	404.9	406.0
8°	394.9	394.9	394.3	393.8	394.9
9°	383.2	383.8	382.7	382.2	382.2
10°	370.5	370.0	370.0	370.0	368.9
11°	357.8	356.2	355.7	355.7	356.8
12°	345.1	342.5	341.4	341.4	341.4
13°	329.8	328.7	327.1	326.1	326.6
14°	314.4	314.4	311.8	311.8	312.8
15°	300.1	299.1	295.9	296.9	297.5
17.5°	264.7	262.5	258.8	258.8	259.4
20°	231.3	227.6	221.8	224.4	225.5
22.5°	198.5	194.8	189.0	191.6	192.7
25°	169.9	165.1	160.9	161.4	165.1
27.5°	144.0	138.7	134.4	136.0	138.2
30°	119.6	116.4	111.2	113.8	115.9
32.5°	99.0	96.3	92.6	94.2	96.3
35°	81.0	79.4	77.3	77.3	78.3
37.5°	65.6	65.1	64.0	63.5	63.0
40°	51.9	52.9	52.9	51.9	50.3
42.5°	42.3	43.4	44.5	42.3	40.8
45°	35.5	36.5	37.6	35.5	34.9
47.5°	31.2	31.8	32.3	31.2	30.7
50°	28.1	28.1	28.1	27.5	27.5
52.5°	25.9	25.4	24.9	25.4	25.4
55°	23.8	23.8	22.8	23.3	23.8
57.5°	22.2	21.7	21.2	21.7	22.2
60°	21.2	20.1	19.6	20.1	21.2
62.5°	20.1	19.1	18.0	19.1	20.1
65°	19.6	18.0	16.9	18.0	19.6
67.5°	19.1	16.9	15.4	16.9	19.1
70°	19.1	15.9	13.8	15.9	18.5
72.5°	18.5	14.8	12.7	14.8	18.5
75°	18.0	13.8	11.1	13.8	18.0
77.5°	17.5	12.7	9.5	12.7	16.9
80°	15.4	11.6	7.9	11.6	14.3
82.5°	11.1	9.5	6.4	9.5	10.6
85°	6.4	6.9	3.7	6.9	6.4
87.5°	1.1	1.6	1.1	2.6	2.1



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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)