

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: P1326355

Luminaire Tested: LDSQA3D09R30W2N902750DE010 3LSQPHRLP1MW\_3000K

Issue Date: 1/29/2026

**Test Information**

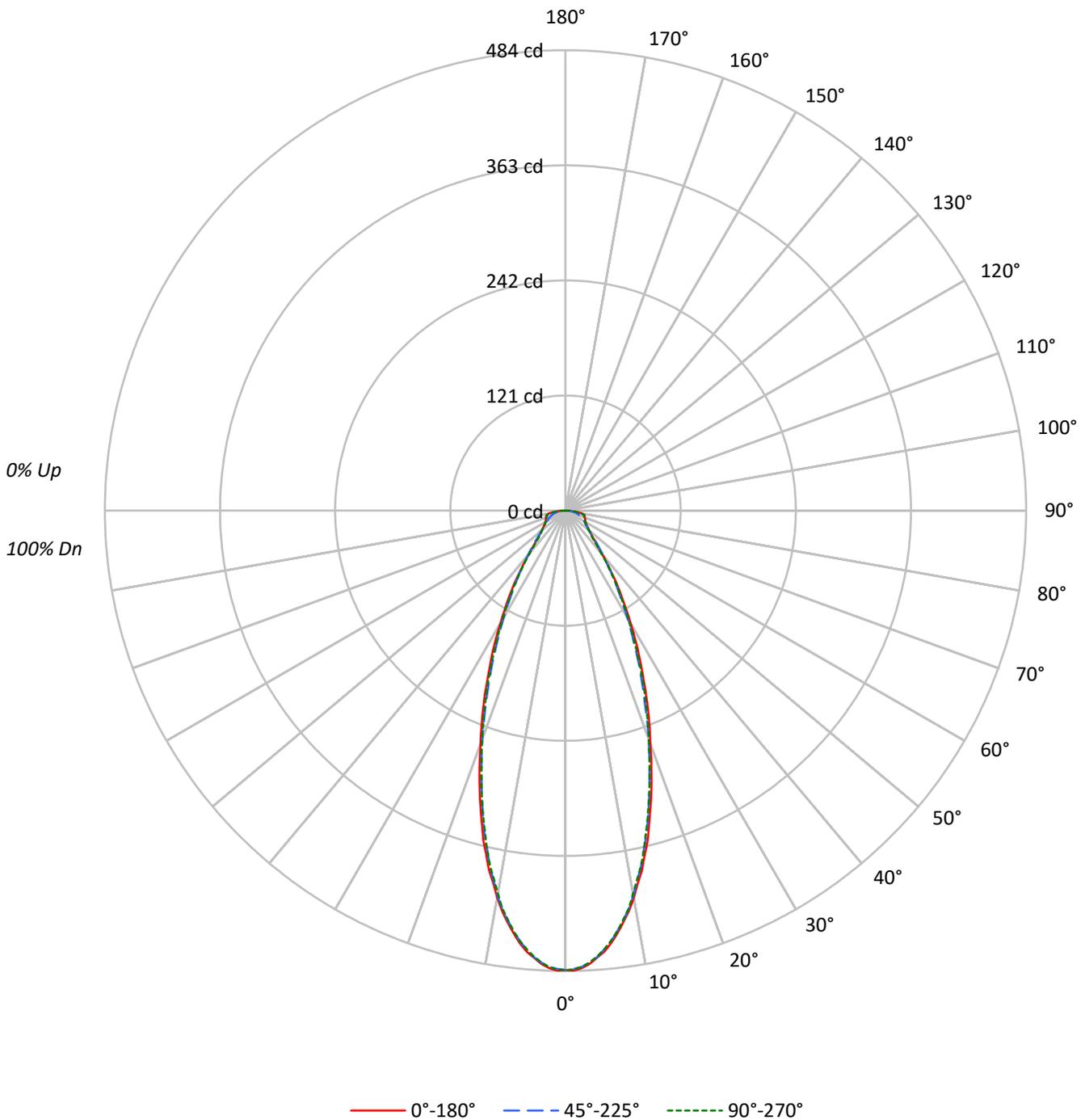
Test Method: LM-79-2019  
Report Number: P1326355  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-14)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D09R30W2N902750DE010 3LSQPHRLP1MW\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,  
3LSQPHRLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 381.0 lumens  
Efficiency: N/A  
Efficacy: 42.3 lumens/watt  
Spacing Criteria (0/90/45): 0.67 / 0.66 / 0.7  
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	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	107	104	101	109	105	102	99	101	99	96	97	95	93	94	92	91	89
2	104	98	92	88	102	96	91	87	92	88	85	89	86	83	86	84	81	79
3	97	89	83	78	95	88	82	77	85	80	76	83	78	75	80	77	74	72
4	92	82	76	70	90	81	75	70	79	73	69	77	72	68	75	71	67	66
5	86	76	69	64	85	75	69	64	74	68	63	72	67	63	70	66	62	61
6	82	71	64	59	80	70	64	59	69	63	59	67	62	58	66	61	58	56
7	77	67	60	55	76	66	60	55	65	59	55	63	58	54	62	57	54	52
8	74	63	56	51	72	62	56	51	61	55	51	60	55	51	59	54	51	49
9	70	59	53	48	69	59	52	48	58	52	48	57	51	48	56	51	48	46
10	67	56	50	45	66	56	49	45	55	49	45	54	49	45	53	48	45	43

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	83201	83201	83201
5°	80493	80096	80096
10°	72243	71840	71526
15°	60550	59623	59516
20°	47798	46845	46845
25°	36599	35155	35820
30°	27145	25753	26350
35°	19637	18775	18901
40°	13512	13782	13130
45°	10083	10522	9669
50°	8761	8601	8601
55°	8227	7897	8047
60°	8439	7853	8232
65°	9291	7865	9047
70°	10877	7956	10574
75°	13974	8517	13575
80°	17356	9224	16166
85°	13832	9287	12647

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 80°  
 Luminance: 17356 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	42.6	11.2
10°-20°	92.6	24.3
20°-30°	86.3	22.7
30°-40°	57.3	15.0
40°-50°	33.3	8.8
50°-60°	24.3	6.4
60°-70°	20.5	5.4
70°-80°	17.0	4.5
80°-90°	7.1	1.9
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°	221.6	58.1
0°-40°	278.8	73.2
0°-60°	336.4	88.3
0°-90°	381.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	381.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	483	483	483	483	483	
5°	466	465	463	463	463	43
15°	340	336	334	334	334	94
25°	193	189	185	186	188	89
35°	93	92	89	90	90	59
45°	41	42	43	41	40	33
55°	27	27	26	27	27	25
65°	23	20	19	20	22	23
75°	21	16	13	16	20	22
85°	7	8	5	8	6	8
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	483.1	483.1	483.1	483.1	483.1
1°	483.7	483.1	482.0	482.6	482.6
2°	481.4	480.8	480.2	480.2	480.2
3°	477.3	476.7	476.1	476.1	476.1
4°	471.5	470.9	470.9	470.3	470.3
5°	465.6	465.1	463.3	463.3	463.3
6°	457.5	456.9	455.7	455.1	455.1
7°	447.6	447.6	445.8	445.2	445.8
8°	437.1	436.5	435.3	434.7	434.7
9°	426.0	424.2	424.2	422.5	423.6
10°	413.1	412.0	410.8	409.6	409.0
11°	398.5	398.0	396.2	395.0	394.5
12°	386.3	383.4	382.2	380.4	381.6
13°	370.5	368.8	365.9	365.3	365.9
14°	357.1	353.6	351.3	350.1	349.5
15°	339.6	336.1	334.4	333.8	333.8
17.5°	300.5	298.2	293.5	293.5	293.5
20°	260.8	258.5	255.6	255.0	255.6
22.5°	226.4	222.3	217.6	218.2	221.7
25°	192.6	189.1	185.0	185.6	188.5
27.5°	164.0	159.3	155.2	156.4	158.1
30°	136.5	133.6	129.5	130.7	132.5
32.5°	113.2	111.5	106.8	107.9	109.7
35°	93.4	91.6	89.3	89.9	89.9
37.5°	74.7	74.7	74.1	73.5	72.9
40°	60.1	61.3	61.3	59.5	58.4
42.5°	49.0	50.2	51.3	49.0	47.3
45°	41.4	42.0	43.2	40.8	39.7
47.5°	36.2	36.2	37.3	35.6	35.0
50°	32.7	32.7	32.1	31.5	32.1
52.5°	29.8	29.2	28.6	29.2	29.2
55°	27.4	26.8	26.3	26.8	26.8
57.5°	25.7	25.1	24.5	24.5	25.1
60°	24.5	23.3	22.8	23.3	23.9
62.5°	23.3	21.6	21.0	21.6	22.8
65°	22.8	20.4	19.3	20.4	22.2
67.5°	22.2	19.3	17.5	19.3	21.6
70°	21.6	18.1	15.8	18.1	21.0
72.5°	21.0	16.9	14.6	16.9	21.0
75°	21.0	15.8	12.8	15.8	20.4
77.5°	19.8	14.6	11.1	14.6	19.3
80°	17.5	13.4	9.3	12.8	16.3
82.5°	12.8	11.7	7.0	11.1	12.3
85°	7.0	8.2	4.7	7.6	6.4
87.5°	1.2	1.8	1.2	3.5	2.3



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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)