

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: P1326356

Luminaire Tested: LDSQA3D09R30W2N902750DE010 3LSQPHRLP1MW_3500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1326356
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_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 3500K CCT AND, 90CRI ,
3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

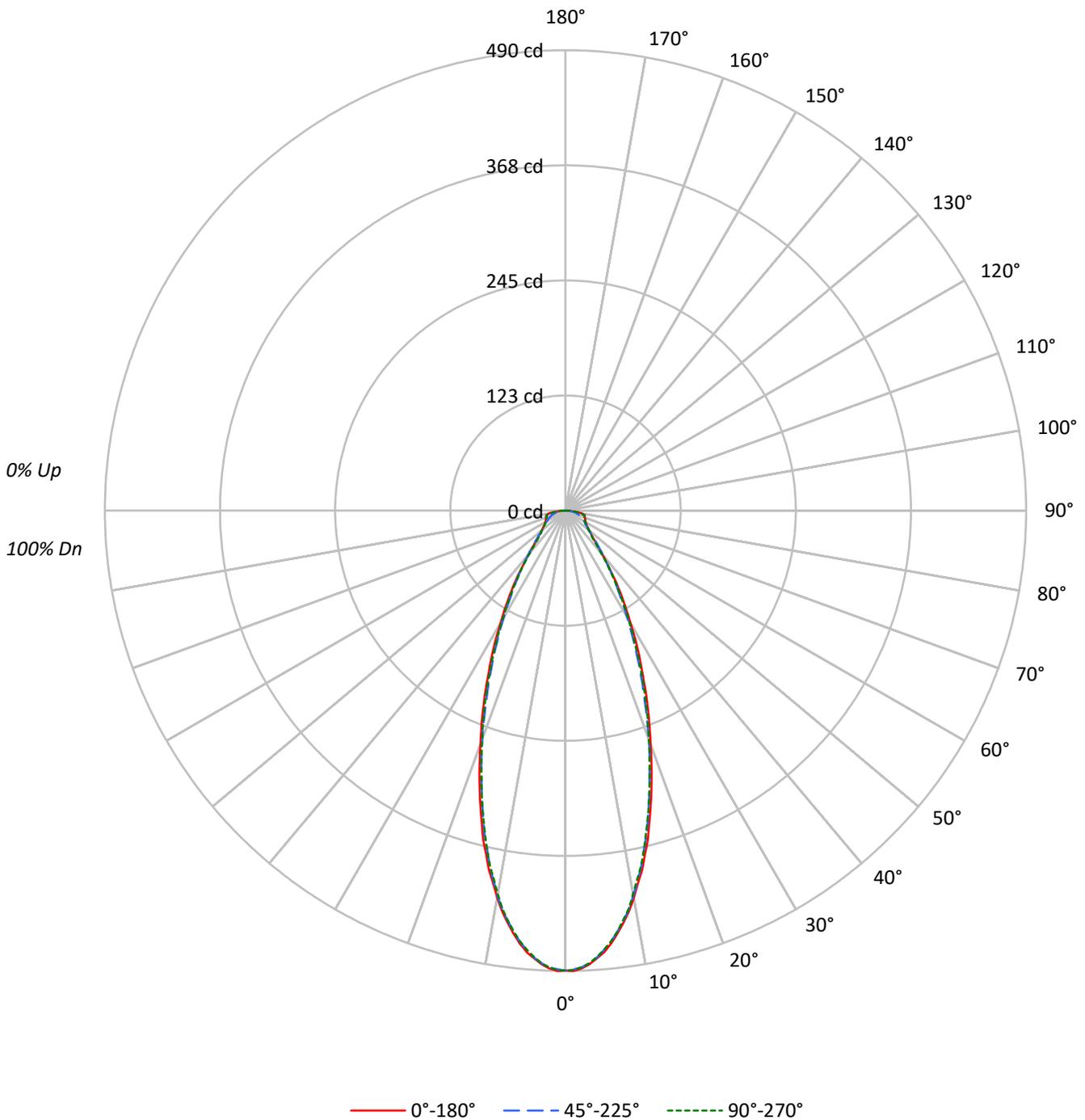
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 386.0 lumens
Efficiency: N/A
Efficacy: 42.9 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	50	30	10
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°	84303	84303	84303
5°	81565	81150	81150
10°	73187	72785	72470
15°	61352	60390	60283
20°	48440	47450	47450
25°	37074	35611	36276
30°	27503	26091	26688
35°	19889	19006	19132
40°	13692	13961	13287
45°	10230	10644	9791
50°	8869	8708	8708
55°	8347	7987	8167
60°	8542	7957	8336
65°	9414	7947	9169
70°	11028	8057	10726
75°	14173	8650	13774
80°	17555	9422	16464
85°	14030	9287	12844

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 17555 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.2	11.2
10°-20°	93.9	24.3
20°-30°	87.4	22.7
30°-40°	58.0	15.0
40°-50°	33.8	8.8
50°-60°	24.6	6.4
60°-70°	20.8	5.4
70°-80°	17.2	4.5
80°-90°	7.2	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°	224.5	58.1
0°-40°	282.5	73.2
0°-60°	340.9	88.3
0°-90°	386.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	386.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	490	490	490	490	490	
5°	472	471	469	469	469	43
15°	344	340	339	338	338	95
25°	195	192	187	188	191	90
35°	95	93	90	91	91	59
45°	42	43	44	41	40	34
55°	28	27	27	27	27	25
65°	23	21	20	21	22	23
75°	21	16	13	16	21	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°	489.5	489.5	489.5	489.5	489.5
1°	490.1	489.5	488.3	488.9	488.9
2°	487.7	487.1	486.5	486.5	486.5
3°	483.6	483.0	482.4	482.4	482.4
4°	477.7	477.1	477.1	476.5	476.5
5°	471.8	471.2	469.4	469.4	469.4
6°	463.5	462.9	461.7	461.1	461.1
7°	453.4	453.4	451.7	451.1	451.7
8°	442.8	442.2	441.0	440.4	440.4
9°	431.6	429.8	429.8	428.0	429.2
10°	418.5	417.4	416.2	415.0	414.4
11°	403.8	403.2	401.4	400.2	399.6
12°	391.4	388.4	387.2	385.4	386.6
13°	375.4	373.6	370.7	370.1	370.7
14°	361.8	358.2	355.9	354.7	354.1
15°	344.1	340.5	338.7	338.1	338.1
17.5°	304.5	302.1	297.4	297.4	297.4
20°	264.3	261.9	258.9	258.3	258.9
22.5°	229.4	225.2	220.5	221.1	224.6
25°	195.1	191.5	187.4	188.0	190.9
27.5°	166.1	161.4	157.3	158.4	160.2
30°	138.3	135.4	131.2	132.4	134.2
32.5°	114.7	112.9	108.2	109.4	111.1
35°	94.6	92.8	90.4	91.0	91.0
37.5°	75.7	75.7	75.1	74.5	73.9
40°	60.9	62.1	62.1	60.3	59.1
42.5°	49.7	50.8	52.0	49.7	47.9
45°	42.0	42.6	43.7	41.4	40.2
47.5°	36.7	36.7	37.8	36.1	35.5
50°	33.1	33.1	32.5	31.9	32.5
52.5°	30.1	29.6	29.0	29.6	29.6
55°	27.8	27.2	26.6	27.2	27.2
57.5°	26.0	25.4	24.8	24.8	25.4
60°	24.8	23.6	23.1	23.6	24.2
62.5°	23.6	21.9	21.3	21.9	23.1
65°	23.1	20.7	19.5	20.7	22.5
67.5°	22.5	19.5	17.7	19.5	21.9
70°	21.9	18.3	16.0	18.3	21.3
72.5°	21.3	17.1	14.8	17.1	21.3
75°	21.3	16.0	13.0	16.0	20.7
77.5°	20.1	14.8	11.2	14.8	19.5
80°	17.7	13.6	9.5	13.0	16.6
82.5°	13.0	11.8	7.1	11.2	12.4
85°	7.1	8.3	4.7	7.7	6.5
87.5°	1.2	1.8	1.2	3.5	2.4



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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)