

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: P1324219

Luminaire Tested: LDSQA3D05R15W2N902750DE010 3LSQPHRLP1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324219
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_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 90CRI ,
3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

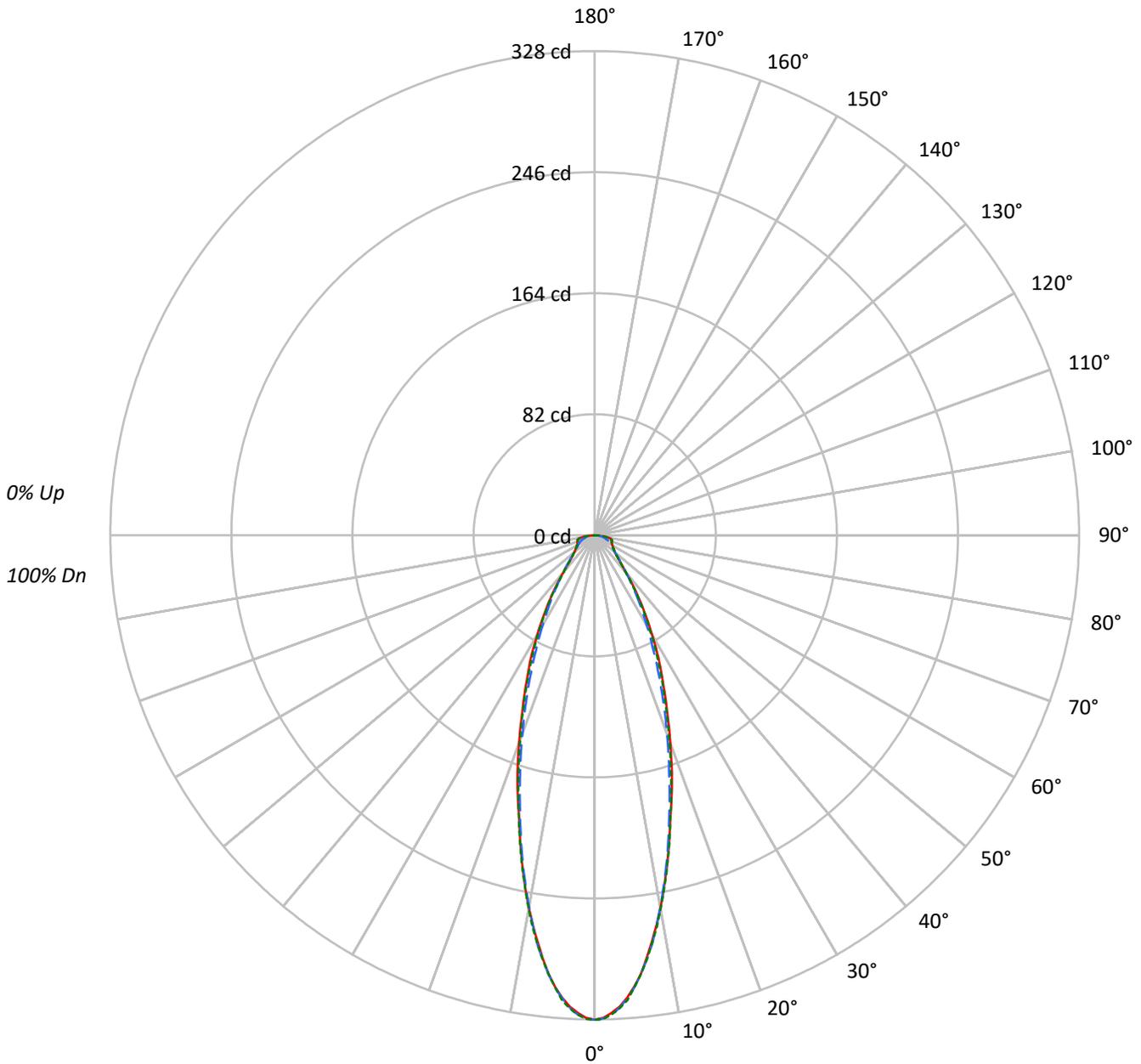
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 220.1 lumens
Efficiency: N/A
Efficacy: 37.3 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



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	75	81	77	74	74	74	74	72
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°	56523	56523	56523
5°	53074	53143	53143
10°	44839	44699	44979
15°	35267	34768	35339
20°	27400	26172	27033
25°	20694	19250	20390
30°	15392	14040	15074
35°	10975	10218	10807
40°	7442	7531	7352
45°	5529	5821	5529
50°	4796	4796	4796
55°	4684	4444	4684
60°	4822	4409	4684
65°	5216	4564	5216
70°	6244	4633	6244
75°	7985	4791	7985
80°	9918	5157	9521
85°	7904	4742	8695

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 9918 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.7	12.6
10°-20°	54.7	24.9
20°-30°	48.4	22.0
30°-40°	31.8	14.4
40°-50°	18.5	8.4
50°-60°	13.7	6.2
60°-70°	11.7	5.3
70°-80°	9.6	4.4
80°-90°	4.0	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°	130.8	59.4
0°-40°	162.5	73.9
0°-60°	194.8	88.5
0°-90°	220.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	220.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	328	328	328	328	328	
5°	307	307	307	308	307	28
15°	198	198	195	197	198	55
25°	109	105	101	104	107	50
35°	52	50	49	50	51	33
45°	23	23	24	23	23	18
55°	16	15	15	15	16	14
65°	13	12	11	12	13	13
75°	12	9	7	9	12	12
85°	4	4	2	4	4	5
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	328.2	328.2	328.2	328.2	328.2
1°	327.0	327.4	327.4	327.8	327.8
2°	323.8	324.6	325.0	325.0	325.0
3°	319.8	320.2	320.6	321.0	321.0
4°	314.2	314.6	314.6	315.4	315.8
5°	307.0	307.0	307.4	307.8	307.4
6°	298.7	298.7	299.1	299.1	299.1
7°	288.7	289.1	289.5	289.9	289.5
8°	277.9	278.3	279.5	279.5	279.1
9°	267.2	267.6	267.6	268.8	268.8
10°	256.4	256.4	255.6	256.4	257.2
12.5°	227.3	226.9	225.7	226.9	227.7
15°	197.8	197.8	195.0	197.4	198.2
17.5°	173.9	170.3	167.5	169.9	171.9
20°	149.5	145.9	142.8	145.1	147.5
22.5°	127.6	124.8	120.8	123.2	126.0
25°	108.9	105.3	101.3	104.1	107.3
27.5°	93.3	88.5	84.5	87.7	90.5
30°	77.4	74.2	70.6	73.0	75.8
32.5°	63.8	61.4	58.6	60.6	63.0
35°	52.2	50.2	48.6	49.8	51.4
37.5°	41.9	41.1	40.3	40.7	40.7
40°	33.1	33.5	33.5	33.5	32.7
42.5°	27.1	27.5	28.3	27.5	27.1
45°	22.7	23.1	23.9	23.1	22.7
47.5°	19.9	20.3	20.7	19.9	19.9
50°	17.9	17.9	17.9	17.9	17.9
52.5°	16.7	16.3	16.3	16.3	16.7
55°	15.6	15.2	14.8	15.2	15.6
57.5°	14.4	14.0	13.6	14.0	14.4
60°	14.0	13.2	12.8	13.2	13.6
62.5°	13.2	12.4	12.0	12.4	13.2
65°	12.8	11.6	11.2	11.6	12.8
67.5°	12.4	10.8	10.0	10.8	12.4
70°	12.4	10.0	9.2	10.4	12.4
72.5°	12.0	9.6	8.0	9.6	12.0
75°	12.0	8.8	7.2	9.2	12.0
77.5°	11.2	8.0	6.0	8.4	11.2
80°	10.0	7.2	5.2	7.6	9.6
82.5°	7.2	6.0	4.0	6.0	7.2
85°	4.0	4.4	2.4	4.0	4.4
87.5°	0.4	1.2	0.8	2.4	2.0
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)