

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: P1324176

Luminaire Tested: LDSQA3D05R15W2N902750DE010 3LSQCDR1MMS_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324176
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R15W2N902750DE010 3LSQCDR1MMS_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

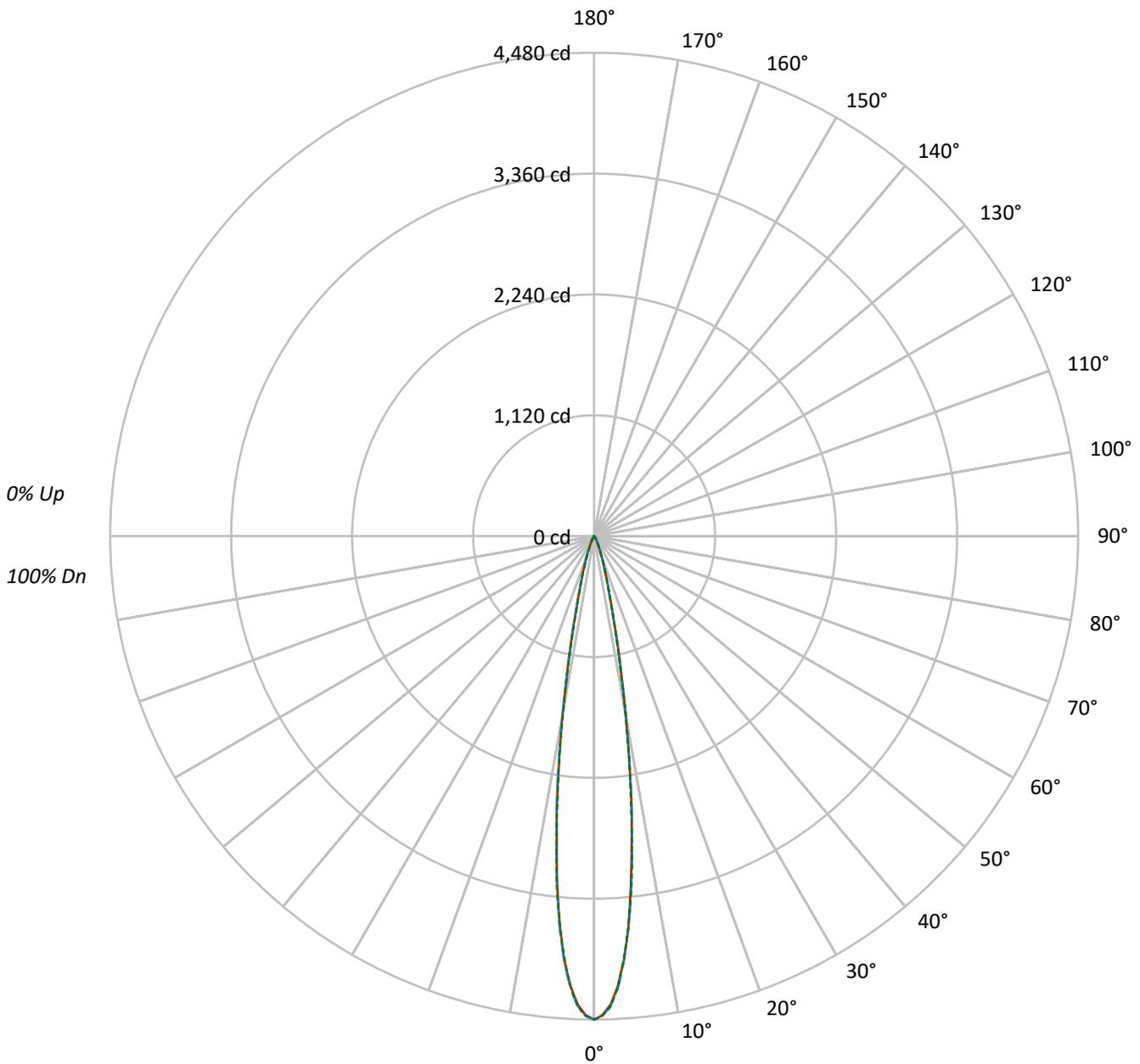
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 500.0 lumens
Efficiency: N/A
Efficacy: 84.7 lumens/watt
Spacing Criteria (0/90/45): 0.29 / 0.29 / 0.29
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°-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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	100	
1	116	114	112	111	113	112	110	109	108	107	106	104	103	102	101	100	100	100	98	
2	113	109	107	105	111	108	106	104	105	103	101	102	101	99	99	98	97	96		
3	110	106	103	100	108	105	102	100	102	100	98	100	98	97	98	96	95	94		
4	107	103	99	97	106	102	99	96	100	97	95	98	96	94	96	95	93	92		
5	105	100	97	94	104	99	96	94	98	95	93	96	94	92	95	93	91	90		
6	103	97	94	92	102	97	94	91	96	93	91	94	92	90	93	91	90	89		
7	101	95	92	90	100	95	92	89	94	91	89	93	90	88	92	90	88	87		
8	99	93	90	88	98	93	90	88	92	89	87	91	89	87	90	88	87	86		
9	97	91	88	86	96	91	88	86	90	88	86	90	87	85	89	87	85	84		
10	95	90	87	84	95	90	86	84	89	86	84	88	86	84	88	85	84	83		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	771557	771557	771557
5°	628196	630236	629008
10°	293028	295669	291926
15°	92020	92786	92234
20°	36453	37901	35299
25°	14727	17805	14195
30°	5906	8094	5588
35°	1745	3574	1661
40°	540	1326	450
45°	97	292	97
50°	0	107	0
55°	0	0	0
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 292 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	280.5	56.1
10°-20°	167.8	33.6
20°-30°	42.3	8.5
30°-40°	8.6	1.7
40°-50°	0.8	0.2
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	490.5	98.1
0°-40°	499.2	99.8
0°-60°	500.0	100.0
0°-90°	500.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	500.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4480	4480	4480	4480	4480	
5°	3634	3627	3646	3636	3638	280
15°	516	520	520	513	517	168
25°	78	85	94	83	75	40
35°	8	11	17	11	8	7
45°	0	1	1	1	0	0
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4480.0	4480.0	4480.0	4480.0	4480.0
1°	4439.6	4454.7	4446.8	4453.1	4446.0
2°	4343.5	4363.7	4357.4	4355.4	4360.9
3°	4174.3	4197.6	4196.8	4190.9	4181.4
4°	3943.3	3933.8	3948.5	3946.9	3930.7
5°	3633.7	3626.9	3645.5	3636.4	3638.4
6°	3254.8	3284.1	3277.7	3278.5	3286.0
7°	2847.8	2863.7	2877.1	2888.2	2872.8
8°	2474.1	2470.2	2471.3	2484.0	2441.3
9°	2055.7	2080.2	2064.4	2039.1	2055.3
10°	1675.6	1690.7	1690.7	1668.5	1669.3
11°	1335.9	1348.2	1339.5	1345.0	1310.2
12°	1076.9	1046.4	1039.3	1044.9	1044.5
13°	822.2	824.2	822.2	821.8	817.8
14°	644.6	654.9	650.6	639.9	635.1
15°	516.1	520.4	520.4	512.9	517.3
17.5°	310.1	315.2	316.4	311.2	311.2
20°	198.9	201.3	206.8	199.3	192.6
22.5°	122.6	127.7	137.2	126.2	120.6
25°	77.5	84.6	93.7	83.1	74.7
27.5°	48.6	54.6	62.5	52.2	47.1
30°	29.7	33.6	40.7	32.8	28.1
32.5°	16.6	19.8	25.7	19.0	15.8
35°	8.3	11.1	17.0	10.7	7.9
37.5°	4.7	5.9	10.7	5.1	4.4
40°	2.4	3.2	5.9	3.2	2.0
42.5°	0.8	1.6	2.4	1.6	0.8
45°	0.4	0.8	1.2	0.8	0.4
47.5°	0.0	0.0	0.4	0.0	0.0
50°	0.0	0.0	0.4	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



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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)