

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: P1324196

Luminaire Tested: LDSQA3D05R15W2N902750DE010 3LSQPHR1MW\_3000K

Issue Date: 1/29/2026

**Test Information**

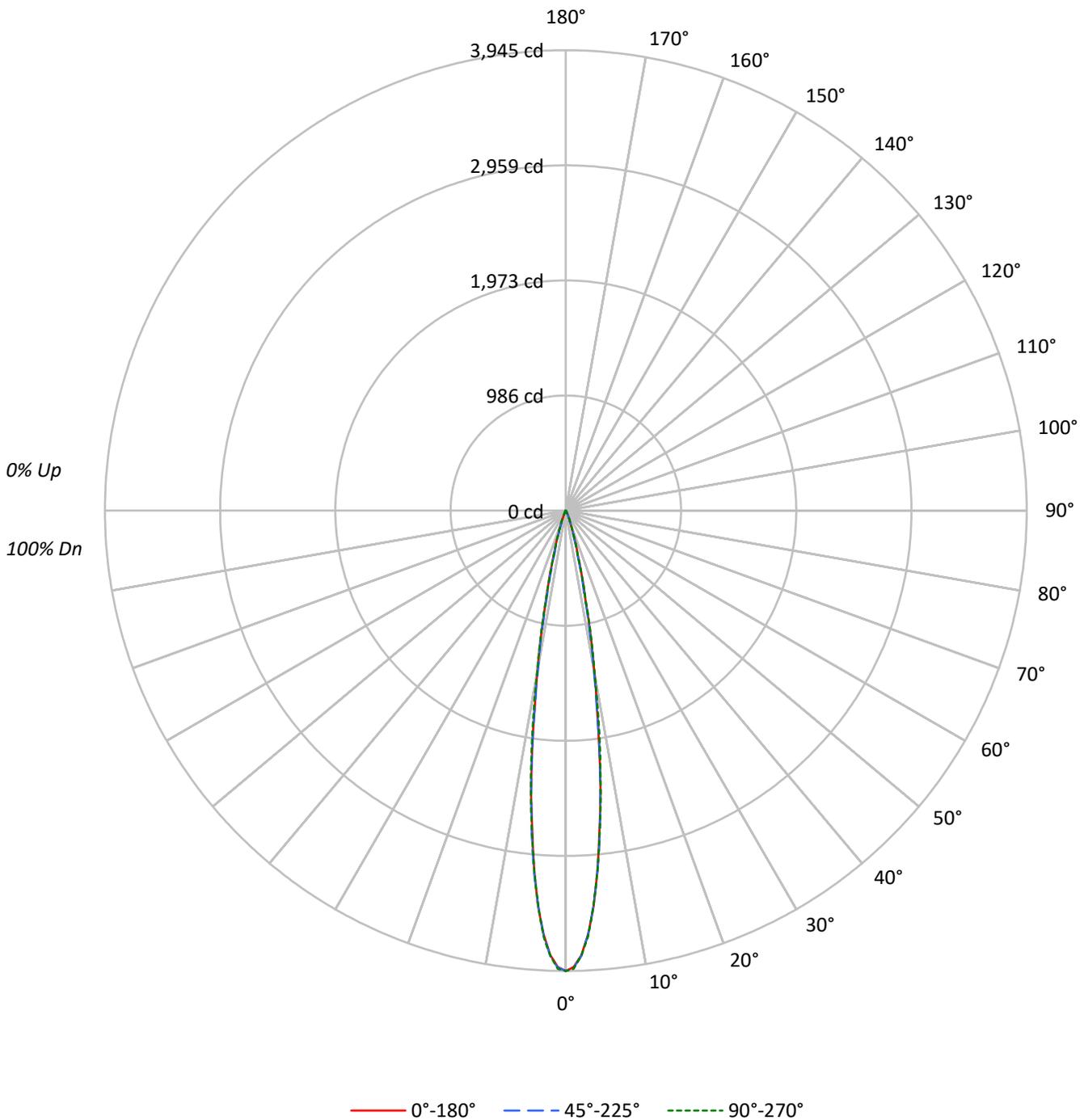
Test Method: LM-79-2019  
Report Number: P1324196  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D05R15W2N902750DE010 3LSQPHR1MW\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,  
3LSQPHR1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 395.0 lumens  
Efficiency: N/A  
Efficacy: 67.0 lumens/watt  
Spacing Criteria (0/90/45): 0.28 / 0.29 / 0.28  
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

TEST NUMBER: P1324196  
CATALOG NUMBER: LDSQA3D05R15W2N902750DE010 3LSQPHR1MW\_3000K

### Luminous Intensity Polar Plot





TEST NUMBER: P1324196  
 CATALOG NUMBER: LDSQA3D05R15W2N902750DE010 3LSQPHR1MW\_3000K

**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	116	114	112	111	113	112	110	109	108	107	106	104	104	103	101	100	100	100	100	100	98
2	113	110	107	105	111	108	106	104	105	103	102	102	101	100	100	99	98	98	98	98	97
3	110	107	104	101	109	105	103	100	103	101	99	101	99	97	99	97	96	96	97	96	95
4	108	104	100	98	106	103	100	98	101	98	96	99	97	95	97	96	94	97	96	94	93
5	106	101	98	95	104	100	97	95	99	96	94	97	95	94	96	94	93	96	94	93	92
6	104	99	96	93	103	98	95	93	97	94	92	96	94	92	95	93	91	95	93	91	91
7	102	97	94	91	101	96	93	91	95	93	91	94	92	90	94	92	90	94	92	90	89
8	100	95	92	90	99	95	92	90	94	91	89	93	91	89	92	90	89	92	90	89	88
9	98	93	90	88	98	93	90	88	92	90	88	92	89	88	91	89	87	91	89	87	87
10	97	92	89	87	96	92	89	87	91	88	87	90	88	86	90	88	86	90	88	86	86

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

	0°	45°	90°
0°	679384	679384	679384
5°	535912	537347	535428
10°	245181	238763	250357
15°	72906	65079	71426
20°	21645	21003	22726
25°	6157	7962	7126
30°	2207	2367	2128
35°	841	757	757
40°	360	180	270
45°	195	97	195
50°	107	0	107
55°	120	0	120
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: 0°  
 Vertical Angle: 47.5°  
 Luminance: 204 cd/sqm



TEST NUMBER: P1324196

CATALOG NUMBER: LDSQA3D05R15W2N902750DE010 3LSQPHR1MW\_3000K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	238.3	60.3
10°-20°	132.3	33.5
20°-30°	21.1	5.3
30°-40°	2.8	0.7
40°-50°	0.4	0.1
50°-60°	0.1	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°	391.7	99.2
0°-40°	394.5	99.9
0°-60°	395.0	100.0
0°-90°	395.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	395.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	3945	3945	3945	3945	3945	
5°	3100	3126	3108	3095	3097	238
15°	409	404	365	388	401	135
25°	32	36	42	42	38	20
35°	4	4	4	4	4	3
45°	1	0	0	0	1	1
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



TEST NUMBER: P1324196  
 CATALOG NUMBER: LDSQA3D05R15W2N902750DE010 3LSQPHR1MW\_3000K

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	3944.8	3944.8	3944.8	3944.8	3944.8	3944.8	3944.8	3944.8	3944.8	3944.8	3944.8
1°	3910.9	3915.2	3920.8	3915.6	3910.9	3915.2	3909.3	3910.1	3905.3	3915.6	3927.1
2°	3811.3	3816.9	3813.7	3806.6	3817.6	3818.4	3806.2	3800.3	3799.5	3809.7	3813.7
3°	3635.1	3647.8	3648.2	3645.8	3642.3	3635.1	3622.5	3630.8	3619.3	3612.2	3652.5
4°	3400.9	3411.9	3425.0	3416.3	3390.2	3392.6	3400.9	3372.8	3374.4	3390.6	3391.8
5°	3099.9	3133.4	3135.0	3122.8	3102.2	3108.2	3102.2	3094.3	3097.1	3107.4	3097.1
6°	2745.5	2783.4	2755.4	2782.3	2776.3	2783.8	2785.8	2777.5	2783.4	2777.1	2775.1
7°	2439.4	2410.5	2414.5	2403.4	2415.3	2423.2	2427.9	2413.7	2425.1	2443.3	2448.4
8°	2059.7	2051.4	2043.1	2062.9	2057.4	2066.8	2072.8	2088.6	2087.8	2093.3	2111.5
9°	1698.3	1710.5	1718.0	1700.6	1715.6	1686.4	1696.7	1739.0	1727.9	1739.0	1771.4
10°	1402.0	1411.9	1400.8	1400.4	1384.6	1365.3	1364.1	1379.9	1413.1	1439.1	1431.6
12.5°	773.5	782.2	783.4	782.6	754.1	722.1	728.1	740.7	761.2	769.9	784.2
15°	408.9	408.5	412.8	400.6	385.6	365.0	366.6	384.0	399.4	403.3	400.6
17.5°	209.8	210.6	213.7	210.6	194.8	196.7	201.1	203.0	212.1	215.7	213.7
20°	118.1	118.5	118.1	119.3	113.0	114.6	120.1	120.5	122.5	124.4	124.0
22.5°	67.6	67.9	70.3	69.5	67.9	69.9	71.1	73.1	73.9	73.1	75.5
25°	32.4	32.8	32.8	37.5	39.9	41.9	42.7	41.9	41.1	37.9	37.5
27.5°	18.6	18.6	19.4	19.8	20.5	24.1	23.7	19.8	16.6	16.6	17.0
30°	11.1	10.7	10.7	11.1	11.5	11.9	11.1	10.7	10.7	11.1	10.7
32.5°	6.7	6.7	6.7	6.3	6.3	5.9	5.9	6.7	6.7	6.7	6.7
35°	4.0	4.0	4.0	4.0	3.6	3.6	3.6	4.0	4.0	3.6	3.6
37.5°	2.4	2.4	2.4	2.0	2.0	1.6	2.0	2.0	2.0	2.0	2.0
40°	1.6	1.6	1.2	1.2	0.8	0.8	0.8	1.2	1.2	1.2	1.2
42.5°	1.2	1.2	0.8	0.8	0.4	0.4	0.4	0.8	0.8	0.8	0.8
45°	0.8	0.8	0.8	0.4	0.4	0.4	0.4	0.4	0.4	0.8	0.8
47.5°	0.8	0.8	0.4	0.4	0.0	0.0	0.0	0.4	0.4	0.4	0.4
50°	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4
52.5°	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4
55°	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4
57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)