

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: P1324181

Luminaire Tested: LDSQA3D05R15W2N902750DE010 3LSQCDR1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324181
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R15W2N902750DE010 3LSQCDR1MW_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

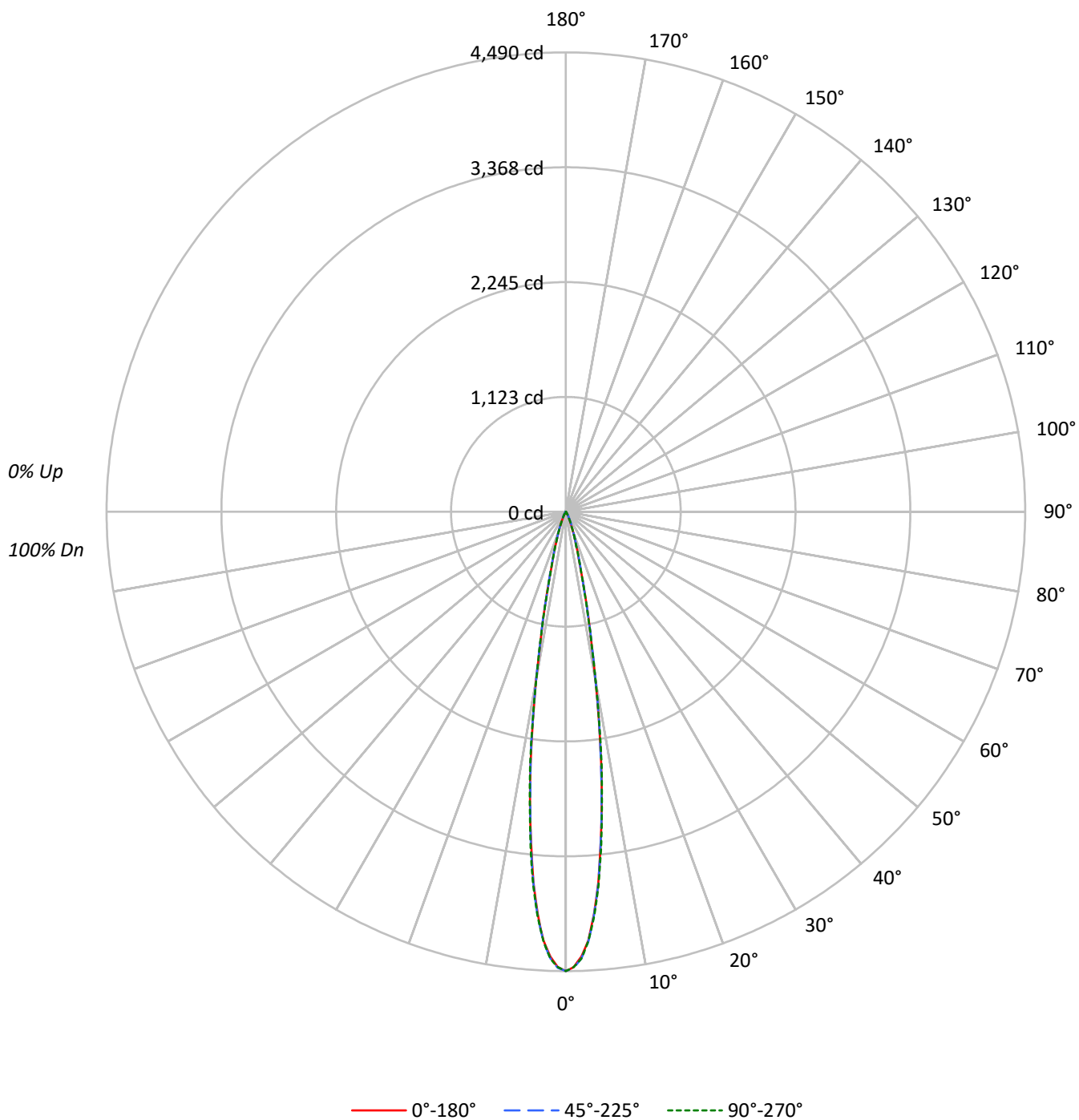
Lumens per Lamp: N/A
Luminaire Lumens: 504.0 lumens
Efficiency: N/A
Efficacy: 85.4 lumens/watt
Spacing Criteria (0/90/45): 0.29 / 0.3 / 0.29
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					10
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	100	100
1	116	114	112	111	113	112	110	109	108	107	105	104	103	102	101	100	99	98	98	98
2	112	109	107	105	110	108	105	103	105	103	101	102	100	99	99	98	97	96	96	96
3	110	106	103	100	108	104	102	99	102	100	98	100	98	96	98	96	95	94	94	94
4	107	102	99	97	106	101	98	96	100	97	95	98	96	94	96	94	93	92	92	92
5	105	100	96	94	103	99	96	93	97	95	93	96	94	92	95	93	91	90	90	90
6	102	97	94	91	101	97	93	91	95	92	90	94	92	90	93	91	89	88	88	88
7	100	95	92	89	99	94	91	89	93	91	89	92	90	88	92	89	88	87	87	87
8	98	93	90	87	98	93	89	87	92	89	87	91	88	86	90	88	86	85	85	85
9	97	91	88	86	96	91	88	85	90	87	85	89	87	85	89	86	85	84	84	84
10	95	89	86	84	94	89	86	84	89	86	84	88	85	84	87	85	83	83	83	83

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	773194	773194	773194
5°	628715	630910	633088
10°	292801	293080	291489
15°	90593	93838	92073
20°	36124	38158	35684
25°	15107	17825	14366
30°	6145	8193	5668
35°	1997	3742	1829
40°	719	1506	719
45°	292	487	292
50°	214	322	214
55°	240	240	240
60°	276	276	276
65°	163	163	163
70°	201	201	201
75°	266	266	266
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 487 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	281.0	55.8
10°-20°	168.0	33.3
20°-30°	42.8	8.5
30°-40°	9.3	1.8
40°-50°	1.5	0.3
50°-60°	0.7	0.1
60°-70°	0.4	0.1
70°-80°	0.3	0.1
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°	491.8	97.6
0°-40°	501.1	99.4
0°-60°	503.3	99.9
0°-90°	504.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	504.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4490	4490	4490	4490	4490	
5°	3637	3642	3649	3633	3662	280
15°	508	522	526	519	516	167
25°	80	85	94	83	76	40
35°	10	12	18	12	9	8
45°	1	2	2	2	1	1
55°	1	1	1	1	1	1
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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4489.5	4489.5	4489.5	4489.5	4489.5
1°	4450.3	4457.8	4459.0	4457.8	4451.5
2°	4350.2	4372.4	4367.6	4358.1	4371.6
3°	4195.5	4206.6	4205.0	4205.8	4202.6
4°	3943.8	3963.2	3952.1	3960.4	3961.2
5°	3636.7	3641.9	3649.4	3632.8	3662.0
6°	3258.8	3291.6	3262.8	3291.2	3302.7
7°	2874.6	2893.5	2856.7	2876.5	2888.4
8°	2481.6	2448.4	2468.5	2468.9	2508.1
9°	2057.4	2064.1	2081.1	2061.7	2078.7
10°	1674.3	1689.7	1675.9	1669.2	1666.8
11°	1322.1	1339.5	1338.3	1340.3	1327.3
12°	1063.7	1054.6	1060.5	1041.2	1049.9
13°	827.9	828.3	823.5	815.6	808.5
14°	648.6	644.6	655.7	645.8	636.7
15°	508.1	522.4	526.3	518.8	516.4
17.5°	313.4	313.8	319.4	312.2	311.4
20°	197.1	201.8	208.2	200.6	194.7
22.5°	124.7	129.0	138.9	129.4	121.1
25°	79.5	85.1	93.8	83.1	75.6
27.5°	49.9	55.0	63.3	53.4	47.9
30°	30.9	34.4	41.2	33.6	28.5
32.5°	17.8	21.4	26.9	20.2	17.0
35°	9.5	12.3	17.8	11.9	8.7
37.5°	5.5	7.1	11.5	6.3	5.1
40°	3.2	4.4	6.7	4.0	3.2
42.5°	2.0	2.8	3.2	2.4	1.6
45°	1.2	1.6	2.0	1.6	1.2
47.5°	0.8	1.2	1.6	0.8	0.8
50°	0.8	0.8	1.2	0.8	0.8
52.5°	0.8	0.8	0.8	0.8	0.8
55°	0.8	0.8	0.8	0.8	0.8
57.5°	0.8	0.8	0.8	0.8	0.8
60°	0.8	0.8	0.8	0.8	0.8
62.5°	0.4	0.4	0.4	0.4	0.4
65°	0.4	0.4	0.4	0.4	0.4
67.5°	0.4	0.4	0.4	0.4	0.4
70°	0.4	0.4	0.4	0.4	0.4
72.5°	0.4	0.4	0.4	0.4	0.4
75°	0.4	0.4	0.4	0.4	0.4
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)