

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: P1327752

Luminaire Tested: LDSQA3D13R25W2N902750DE010 3LSQPHR1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1327752
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D13R25W2N902750DE010 3LSQPHR1MW_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 90CRI ,
3LSQPHR1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

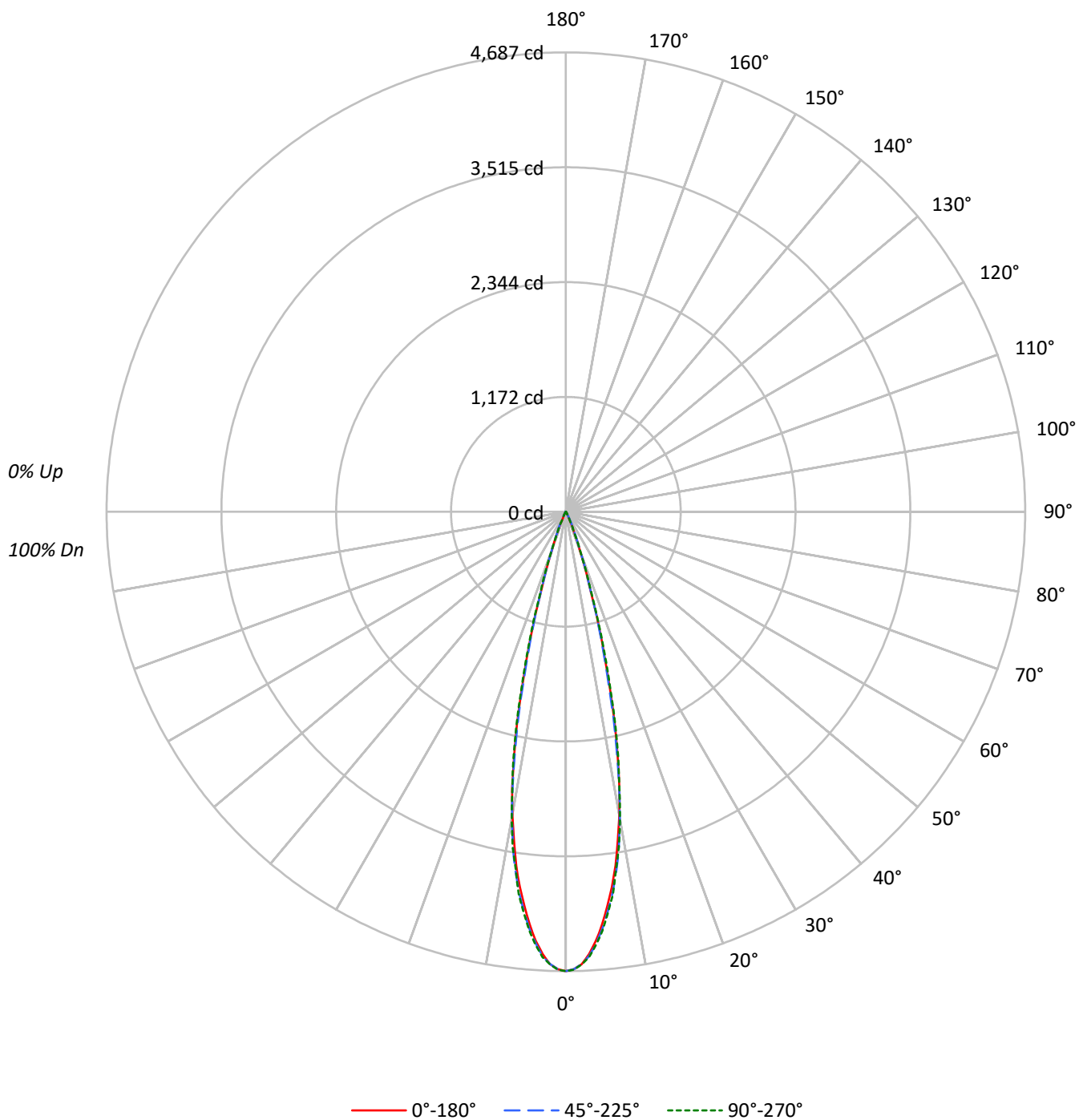
Lumens per Lamp: N/A
Luminaire Lumens: 865.0 lumens
Efficiency: N/A
Efficacy: 70.3 lumens/watt
Spacing Criteria (0/90/45): 0.43 / 0.43 / 0.4
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 12.3
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: P1327752

CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQPHR1MW_5000K

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	115	113	112	110	113	111	110	108	107	106	105	104	103	102	100	100	99	97	97	97
2	112	109	106	104	110	107	105	103	104	102	101	101	100	98	99	97	96	95	95	95
3	109	105	102	99	107	104	101	98	101	99	97	99	97	95	97	95	94	93	93	93
4	106	101	98	95	105	100	97	95	99	96	94	97	94	93	95	93	92	91	91	91
5	104	98	95	92	102	98	94	92	96	93	91	95	92	90	93	91	89	88	88	88
6	101	96	92	89	100	95	92	89	94	91	89	93	90	88	91	89	87	86	86	86
7	99	93	89	87	98	93	89	87	92	89	86	91	88	86	90	87	86	85	85	85
8	97	91	87	85	96	90	87	85	90	86	84	89	86	84	88	85	84	83	83	83
9	95	89	85	83	94	88	85	83	88	85	82	87	84	82	86	84	82	81	81	81
10	93	87	83	81	92	86	83	81	86	83	81	85	82	80	85	82	80	80	80	80

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	807208	807208	807208
5°	731492	738165	741761
10°	549908	553808	556379
15°	272279	264166	281764
20°	76902	78167	79010
25°	13340	25217	15829
30°	5210	5369	5528
35°	1619	1787	1787
40°	517	697	517
45°	365	195	365
50°	214	0	214
55°	240	0	240
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: 45°

Luminance: 365 cd/sqm

TEST NUMBER: P1327752

CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQPHR1MW_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	372.3	43.0
10°-20°	419.9	48.5
20°-30°	65.1	7.5
30°-40°	6.6	0.8
40°-50°	0.9	0.1
50°-60°	0.2	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°	857.4	99.1
0°-40°	864.0	99.9
0°-60°	865.0	100.0
0°-90°	865.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	865.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4687	4687	4687	4687	4687	
5°	4231	4239	4270	4287	4291	369
15°	1527	1516	1482	1548	1580	418
25°	70	104	133	101	83	59
35°	8	8	8	9	8	6
45°	2	1	1	1	2	1
55°	1	0	0	0	1	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°	4687.0	4687.0	4687.0	4687.0	4687.0
1°	4667.7	4673.9	4667.0	4674.7	4673.9
2°	4619.1	4625.3	4616.8	4621.5	4621.5
3°	4519.7	4532.8	4540.5	4545.9	4550.5
4°	4388.5	4403.2	4414.8	4428.6	4428.6
5°	4231.2	4238.9	4269.8	4286.7	4290.6
6°	4043.8	4074.6	4097.8	4131.7	4110.9
7°	3856.4	3881.8	3914.2	3919.6	3934.3
8°	3643.5	3670.5	3700.6	3695.2	3682.8
9°	3384.3	3423.7	3459.2	3447.6	3463.0
10°	3144.5	3168.4	3166.8	3155.3	3181.5
11°	2866.0	2871.4	2841.4	2888.4	2859.9
12°	2535.9	2540.6	2502.0	2548.3	2577.6
13°	2219.7	2208.9	2155.7	2216.6	2253.7
14°	1855.7	1859.5	1791.7	1909.7	1900.4
15°	1527.1	1516.3	1481.6	1547.9	1580.3
17.5°	813.7	820.6	812.1	845.3	866.1
20°	419.6	431.1	426.5	440.4	431.1
22.5°	217.5	233.7	238.3	227.5	198.2
25°	70.2	104.1	132.7	101.0	83.3
27.5°	42.4	41.6	64.8	44.7	45.5
30°	26.2	25.5	27.0	27.0	27.8
32.5°	14.7	15.4	14.7	16.2	15.4
35°	7.7	8.5	8.5	9.3	8.5
37.5°	4.6	5.4	5.4	5.4	4.6
40°	2.3	3.1	3.1	2.3	2.3
42.5°	1.5	1.5	1.5	1.5	1.5
45°	1.5	0.8	0.8	0.8	1.5
47.5°	0.8	0.8	0.0	0.8	0.8
50°	0.8	0.8	0.0	0.8	0.8
52.5°	0.8	0.0	0.0	0.0	0.8
55°	0.8	0.0	0.0	0.0	0.8
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



TEST NUMBER: P1327752

CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQPHR1MW_5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)