

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: P1327730

Luminaire Tested: LDSQA3D13R25W2N902750DE010 3LSQCDR1MMS_3500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1327730
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D13R25W2N902750DE010 3LSQCDR1MMS_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3500K CCT AND, 90CRI ,
3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

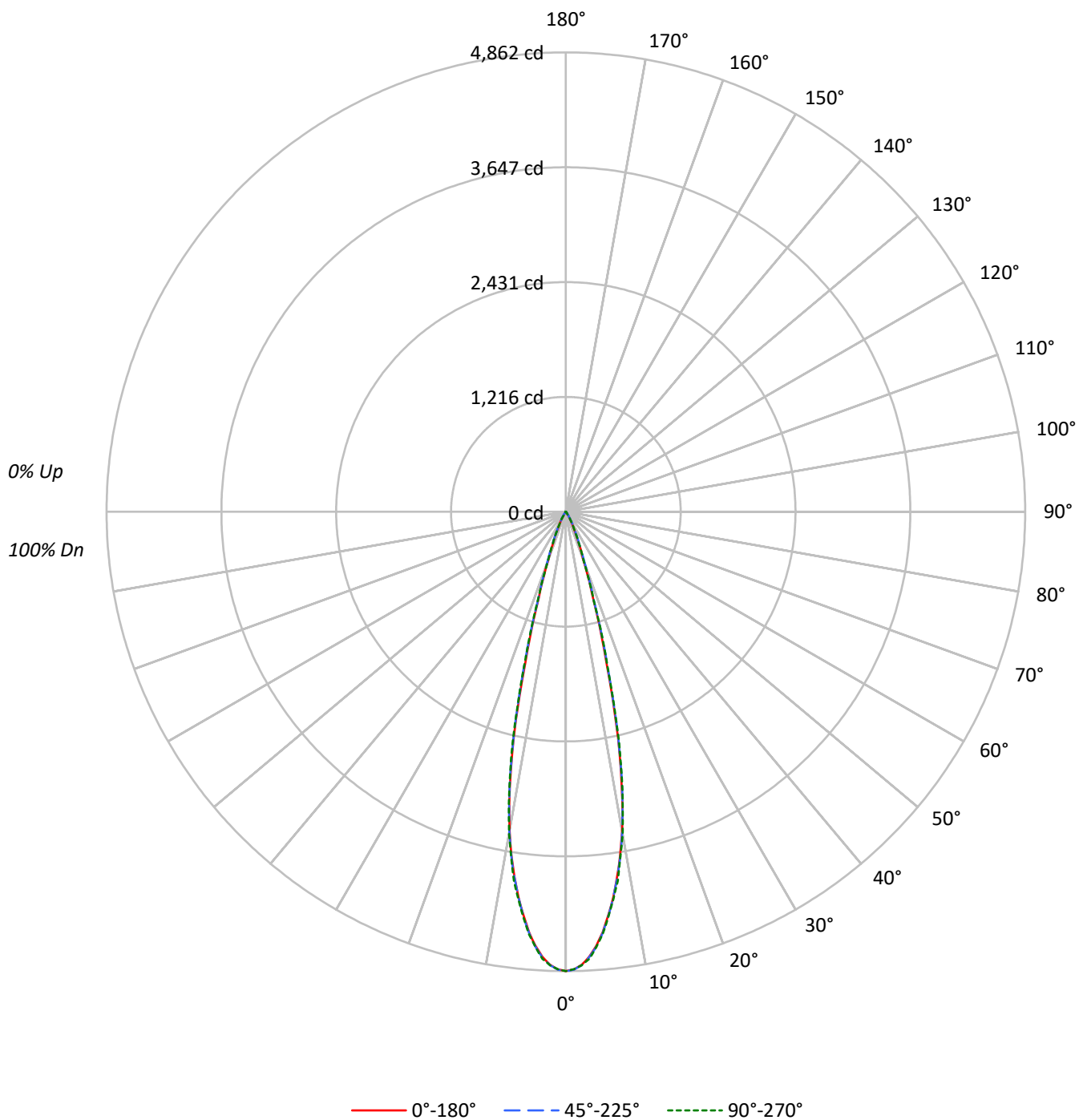
Lumens per Lamp: N/A
Luminaire Lumens: 1012.0 lumens
Efficiency: N/A
Efficacy: 82.3 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

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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	99	99
1	115	113	111	110	113	111	110	108	107	106	105	103	103	102	100	99	99	97	97	97
2	112	108	105	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94	94	94
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	92	92
4	105	100	97	94	104	99	96	93	97	95	92	96	93	91	94	92	90	89	89	89
5	103	97	93	90	101	96	93	90	95	92	89	93	91	89	92	90	88	87	87	87
6	100	94	90	87	99	93	90	87	92	89	87	91	88	86	90	87	85	84	84	84
7	97	91	87	85	96	91	87	84	90	86	84	89	86	84	88	85	83	82	82	82
8	95	89	85	82	94	88	85	82	87	84	82	87	84	82	86	83	81	80	80	80
9	93	86	83	80	92	86	82	80	85	82	80	85	82	80	84	81	79	78	78	78
10	91	84	81	78	90	84	80	78	83	80	78	83	80	78	82	79	77	77	77	77

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	837312	837312	837312
5°	772050	773796	775421
10°	599452	601620	604891
15°	296242	308705	308830
20°	99757	106428	101736
25°	41312	45891	42490
30°	16208	20384	16367
35°	4247	8326	4415
40°	1574	3327	1574
45°	195	950	195
50°	0	214	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: 950 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	394.0	38.9
10°-20°	476.5	47.1
20°-30°	116.3	11.5
30°-40°	22.6	2.2
40°-50°	2.6	0.3
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°	986.8	97.5
0°-40°	1009.4	99.7
0°-60°	1012.0	100.0
0°-90°	1012.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1012.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4862	4862	4862	4862	4862	
5°	4466	4472	4476	4495	4485	393
15°	1662	1701	1731	1748	1732	468
25°	217	229	242	231	224	111
35°	20	29	40	29	21	18
45°	1	2	4	2	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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4861.8	4861.8	4861.8	4861.8	4861.8
1°	4843.2	4846.3	4847.1	4851.7	4842.4
2°	4798.9	4799.7	4802.0	4811.3	4802.8
3°	4717.4	4722.8	4723.6	4736.0	4738.4
4°	4606.4	4609.5	4615.7	4636.7	4618.0
5°	4465.8	4472.1	4475.9	4495.4	4485.3
6°	4291.9	4293.5	4302.0	4324.5	4310.6
7°	4114.9	4114.1	4114.9	4132.8	4128.9
8°	3901.4	3897.5	3909.9	3931.7	3946.4
9°	3678.6	3684.0	3691.8	3712.7	3695.7
10°	3427.8	3442.6	3440.2	3441.8	3458.9
11°	3139.0	3143.6	3144.4	3160.7	3158.4
12°	2799.7	2799.7	2825.3	2851.7	2843.2
13°	2457.3	2481.4	2464.3	2469.7	2503.9
14°	2058.2	2076.9	2100.2	2121.9	2104.8
15°	1661.5	1701.1	1731.4	1748.5	1732.1
17.5°	951.9	965.1	990.7	993.8	983.7
20°	544.3	560.6	580.7	574.5	555.1
22.5°	342.4	347.1	367.2	357.1	352.5
25°	217.4	229.0	241.5	231.4	223.6
27.5°	135.1	142.9	156.1	145.2	136.6
30°	81.5	88.5	102.5	87.7	82.3
32.5°	42.7	52.8	64.4	53.6	42.7
35°	20.2	28.7	39.6	28.7	21.0
37.5°	12.4	15.5	24.1	15.5	12.4
40°	7.0	10.1	14.8	10.1	7.0
42.5°	3.1	5.4	7.0	5.4	3.9
45°	0.8	2.3	3.9	2.3	0.8
47.5°	0.0	0.0	2.3	0.8	0.0
50°	0.0	0.0	0.8	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)