

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: P1327731

Luminaire Tested: LDSQA3D13R25W2N902750DE010 3LSQCDR1MMS\_4000K

Issue Date: 1/29/2026

**Test Information**

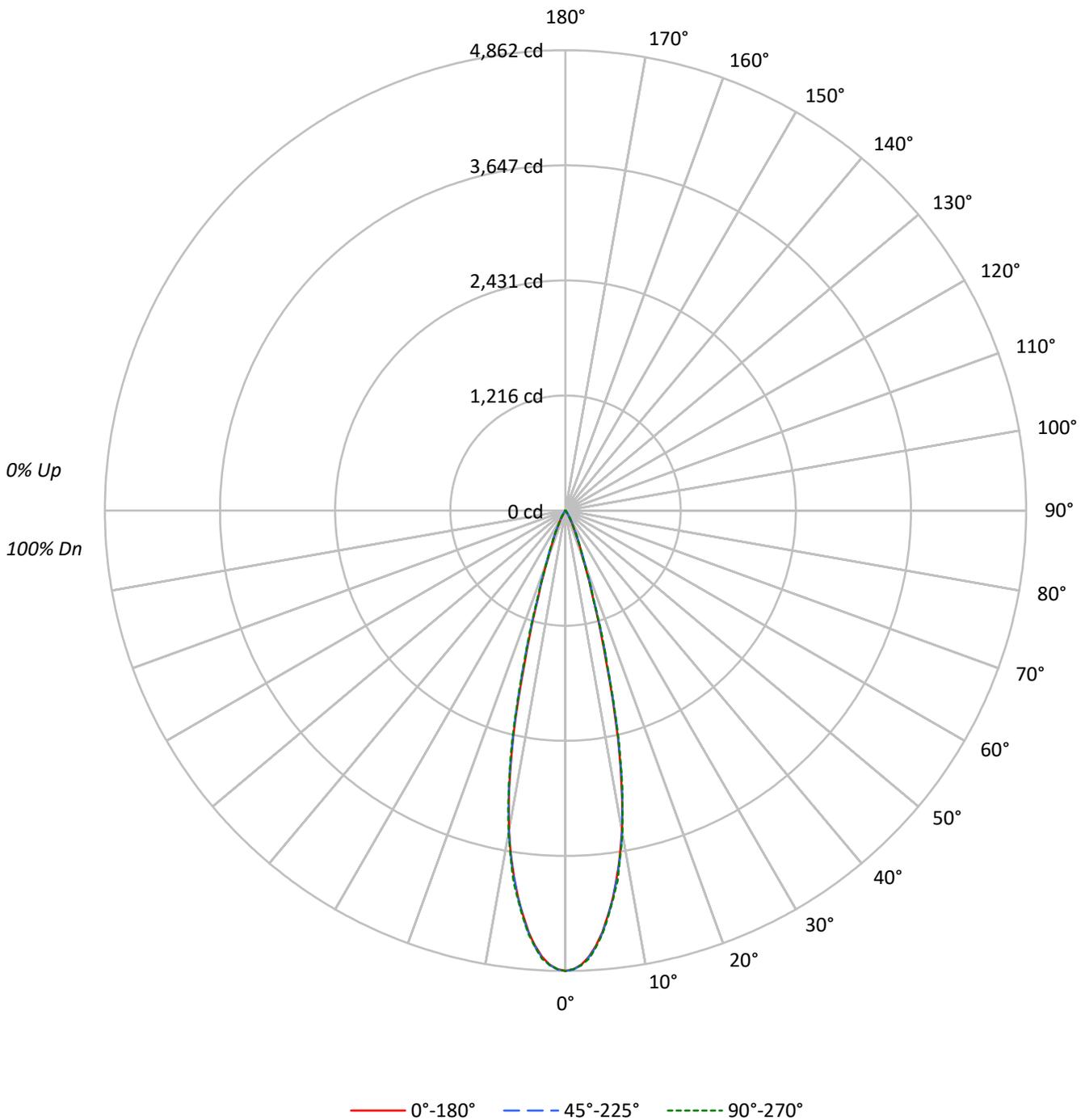
Test Method: LM-79-2019  
Report Number: P1327731  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-23)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: PORTFOLIO  
Catalog Number: LDSQA3D13R25W2N902750DE010 3LSQCDR1MMS\_4000K  
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 4000K 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

TEST NUMBER: P1327731  
CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQCDR1MMS\_4000K

### Luminous Intensity Polar Plot





TEST NUMBER: P1327731

CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQCDR1MMS\_4000K

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20									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	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	100	99	99	97	97	97	97	97	97	97	97	97	97	100															
1	115	113	111	110	113	111	110	108	107	106	105	103	103	102	100	99	99	97	97	97	97	97	97	97	97	97	97	97	97	97	97															
2	112	108	105	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94	94	94	94	94	94	94	94	94	94	94	94	94	94															
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	92	92	92	92	92	92	92	92	92	92	92	92	92															
4	105	100	97	94	104	99	96	93	97	95	92	96	93	91	94	92	90	89	89	89	89	89	89	89	89	89	89	89	89	89	89															
5	103	97	93	90	101	96	93	90	95	92	89	93	91	89	92	90	88	87	87	87	87	87	87	87	87	87	87	87	87	87	87															
6	100	94	90	87	99	93	90	87	92	89	87	91	88	86	90	87	85	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84														
7	97	91	87	85	96	91	87	84	90	86	84	89	86	84	88	85	83	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82														
8	95	89	85	82	94	88	85	82	87	84	82	87	84	82	86	83	81	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80														
9	93	86	83	80	92	86	82	80	85	82	80	85	82	80	84	81	79	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78														
10	91	84	81	78	90	84	80	78	83	80	78	83	80	78	82	79	77	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76														

**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



TEST NUMBER: P1327731

CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQCDR1MMS\_4000K

**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	0



TEST NUMBER: P1327731

CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQCDR1MMS\_4000K

**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



TEST NUMBER: P1327731  
CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQCDR1MMS\_4000K

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)