

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: P1327728

Luminaire Tested: LDSQA3D13R25W2N902750DE010 3LSQCDR1MMS_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1327728
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_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI ,
3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

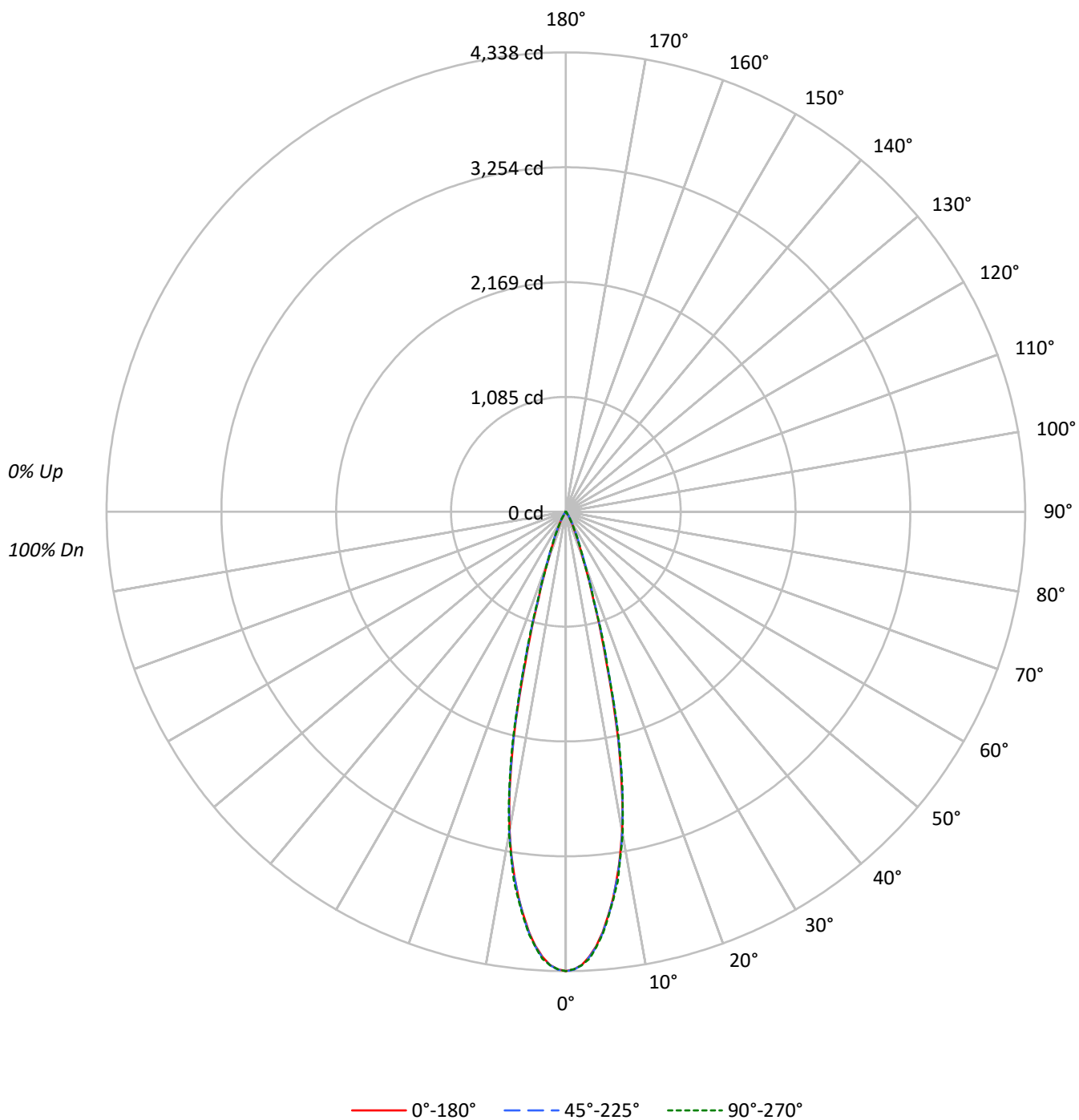
Lumens per Lamp: N/A
Luminaire Lumens: 903.0 lumens
Efficiency: N/A
Efficacy: 73.4 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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: P1327728

CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQCDR1MMS_2700K

Luminous Intensity Polar Plot



TEST NUMBER: P1327728

CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQCDR1MMS_2700K

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°	747136	747136	747136
5°	688894	690450	691902
10°	534886	536827	539730
15°	264327	275453	275577
20°	88999	94973	90776
25°	36865	40951	37910
30°	14458	18176	14597
35°	3784	7422	3932
40°	1394	2968	1394
45°	170	852	170
50°	0	188	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: 852 cd/sqm

TEST NUMBER: P1327728

CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQCDR1MMS_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	351.5	38.9
10°-20°	425.2	47.1
20°-30°	103.8	11.5
30°-40°	20.2	2.2
40°-50°	2.3	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°	880.5	97.5
0°-40°	900.7	99.7
0°-60°	903.0	100.0
0°-90°	903.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	903.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4338	4338	4338	4338	4338	
5°	3985	3990	3994	4011	4002	350
15°	1482	1518	1545	1560	1546	418
25°	194	204	216	206	200	99
35°	18	26	35	26	19	16
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	

TEST NUMBER: P1327728

CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQCDR1MMS_2700K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4338.2	4338.2	4338.2	4338.2	4338.2
1°	4321.5	4324.3	4325.0	4329.2	4320.8
2°	4282.0	4282.7	4284.8	4293.1	4285.5
3°	4209.3	4214.2	4214.8	4225.9	4228.0
4°	4110.2	4113.0	4118.5	4137.3	4120.6
5°	3984.8	3990.4	3993.8	4011.2	4002.2
6°	3829.7	3831.0	3838.7	3858.8	3846.3
7°	3671.7	3671.0	3671.7	3687.6	3684.2
8°	3481.2	3477.7	3488.8	3508.2	3521.4
9°	3282.4	3287.2	3294.1	3312.9	3297.6
10°	3058.6	3071.8	3069.7	3071.1	3086.3
11°	2800.9	2805.0	2805.7	2820.3	2818.2
12°	2498.1	2498.1	2521.0	2544.6	2536.9
13°	2192.6	2214.1	2198.9	2203.7	2234.2
14°	1836.5	1853.2	1874.0	1893.4	1878.1
15°	1482.5	1517.9	1544.9	1560.1	1545.6
17.5°	849.3	861.1	884.0	886.8	877.7
20°	485.6	500.2	518.2	512.7	495.3
22.5°	305.5	309.7	327.7	318.7	314.5
25°	194.0	204.4	215.5	206.4	199.5
27.5°	120.5	127.5	139.2	129.5	121.9
30°	72.7	79.0	91.4	78.3	73.4
32.5°	38.1	47.1	57.5	47.8	38.1
35°	18.0	25.6	35.3	25.6	18.7
37.5°	11.1	13.9	21.5	13.9	11.1
40°	6.2	9.0	13.2	9.0	6.2
42.5°	2.8	4.8	6.2	4.8	3.5
45°	0.7	2.1	3.5	2.1	0.7
47.5°	0.0	0.0	2.1	0.7	0.0
50°	0.0	0.0	0.7	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: P1327728

CATALOG NUMBER: LDSQA3D13R25W2N902750DE010 3LSQCDR1MMS_2700K

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)