

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: P1327392

Luminaire Tested: LDSQA3D13R15W2N902750DE010 3LSQCDR1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1327392
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: LDSQA3D13R15W2N902750DE010 3LSQCDR1MW_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 2700K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

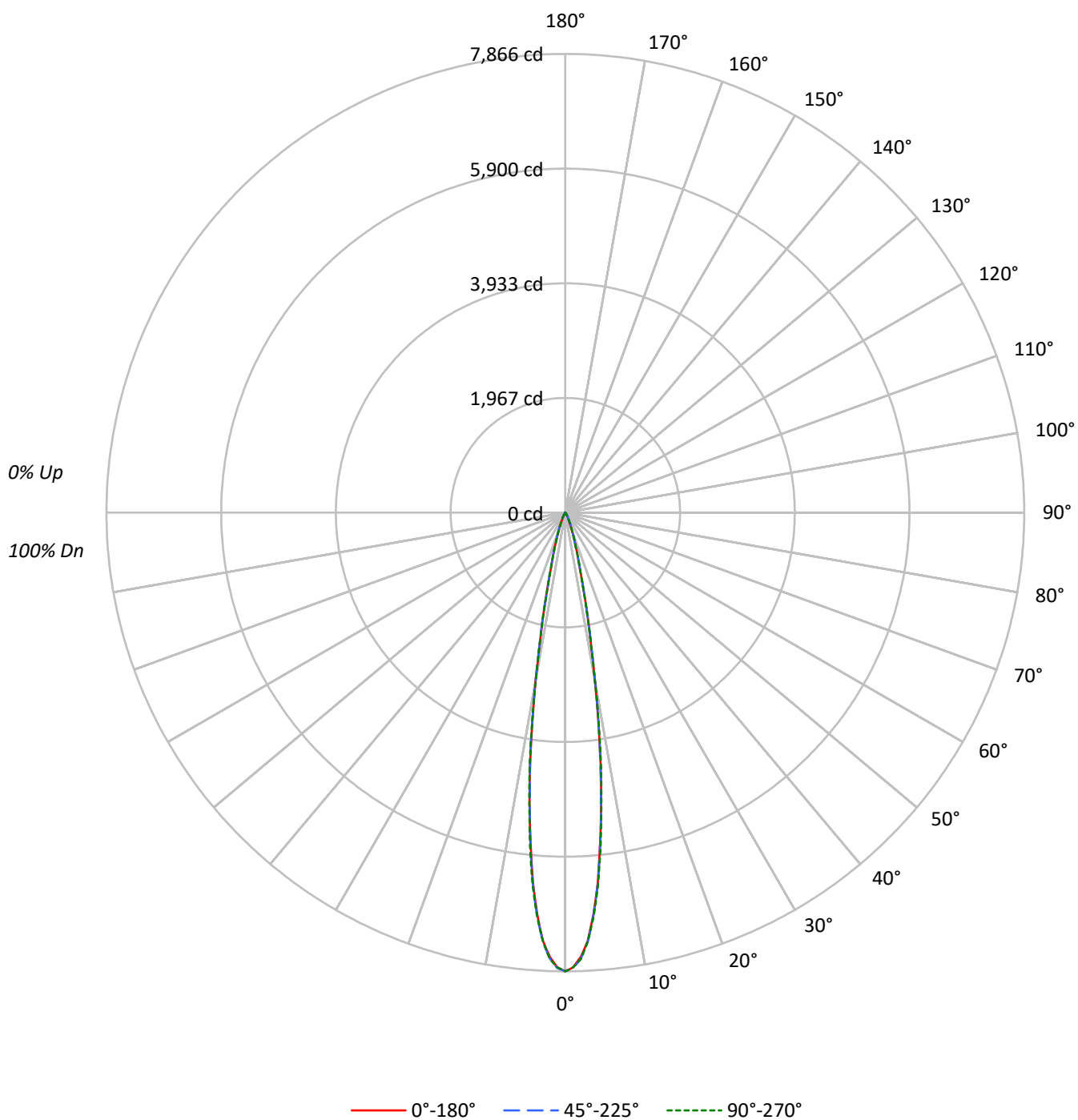
Lumens per Lamp: N/A
Luminaire Lumens: 883.0 lumens
Efficiency: N/A
Efficacy: 71.8 lumens/watt
Spacing Criteria (0/90/45): 0.29 / 0.3 / 0.29
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	1354617	1354617	1354617
5°	1101508	1105346	1109167
10°	512991	513464	510683
15°	158721	164409	161324
20°	63285	66841	62515
25°	26490	31221	25160
30°	10759	14338	9923
35°	3490	6560	3217
40°	1237	2653	1237
45°	511	852	511
50°	375	563	375
55°	420	420	420
60°	482	482	482
65°	285	285	285
70°	352	352	352
75°	466	466	466
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 852 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	492.3	55.8
10°-20°	294.4	33.3
20°-30°	74.9	8.5
30°-40°	16.3	1.8
40°-50°	2.6	0.3
50°-60°	1.3	0.1
60°-70°	0.8	0.1
70°-80°	0.5	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°	861.6	97.6
0°-40°	877.9	99.4
0°-60°	881.8	99.9
0°-90°	883.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	883.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	7866	7866	7866	7866	7866	
5°	6372	6380	6394	6364	6416	491
15°	890	915	922	909	905	293
25°	139	149	164	146	132	71
35°	17	22	31	21	15	13
45°	2	3	4	3	2	2
55°	1	1	1	1	1	1
65°	1	1	1	1	1	1
75°	1	1	1	1	1	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°	7865.5	7865.5	7865.5	7865.5	7865.5
1°	7796.9	7810.1	7812.2	7810.1	7799.0
2°	7621.5	7660.3	7652.0	7635.4	7658.9
3°	7350.4	7369.8	7367.1	7368.4	7362.9
4°	6909.5	6943.4	6924.0	6938.6	6940.0
5°	6371.5	6380.5	6393.7	6364.5	6415.8
6°	5709.4	5766.9	5716.3	5766.2	5786.3
7°	5036.2	5069.4	5005.0	5039.6	5060.4
8°	4347.7	4289.5	4324.8	4325.5	4394.2
9°	3604.5	3616.3	3646.1	3612.1	3641.9
10°	2933.4	2960.4	2936.1	2924.4	2920.2
11°	2316.3	2346.8	2344.8	2348.2	2325.3
12°	1863.6	1847.7	1858.1	1824.1	1839.3
13°	1450.4	1451.1	1442.8	1428.9	1416.4
14°	1136.3	1129.4	1148.8	1131.5	1115.5
15°	890.2	915.2	922.1	908.9	904.8
17.5°	549.1	549.8	559.5	547.0	545.6
20°	345.3	353.6	364.7	351.5	341.1
22.5°	218.4	226.0	243.4	226.7	212.2
25°	139.4	149.1	164.3	145.6	132.4
27.5°	87.4	96.4	110.9	93.6	83.9
30°	54.1	60.3	72.1	58.9	49.9
32.5°	31.2	37.4	47.1	35.4	29.8
35°	16.6	21.5	31.2	20.8	15.3
37.5°	9.7	12.5	20.1	11.1	9.0
40°	5.5	7.6	11.8	6.9	5.5
42.5°	3.5	4.9	5.5	4.2	2.8
45°	2.1	2.8	3.5	2.8	2.1
47.5°	1.4	2.1	2.8	1.4	1.4
50°	1.4	1.4	2.1	1.4	1.4
52.5°	1.4	1.4	1.4	1.4	1.4
55°	1.4	1.4	1.4	1.4	1.4
57.5°	1.4	1.4	1.4	1.4	1.4
60°	1.4	1.4	1.4	1.4	1.4
62.5°	0.7	0.7	0.7	0.7	0.7
65°	0.7	0.7	0.7	0.7	0.7
67.5°	0.7	0.7	0.7	0.7	0.7
70°	0.7	0.7	0.7	0.7	0.7
72.5°	0.7	0.7	0.7	0.7	0.7
75°	0.7	0.7	0.7	0.7	0.7
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)