

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: P1327386

Luminaire Tested: LDSQA3D13R15W2N902750DE010 3LSQCDR1MB_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1327386
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D13R15W2N902750DE010 3LSQCDR1MB_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 90CRI ,
3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

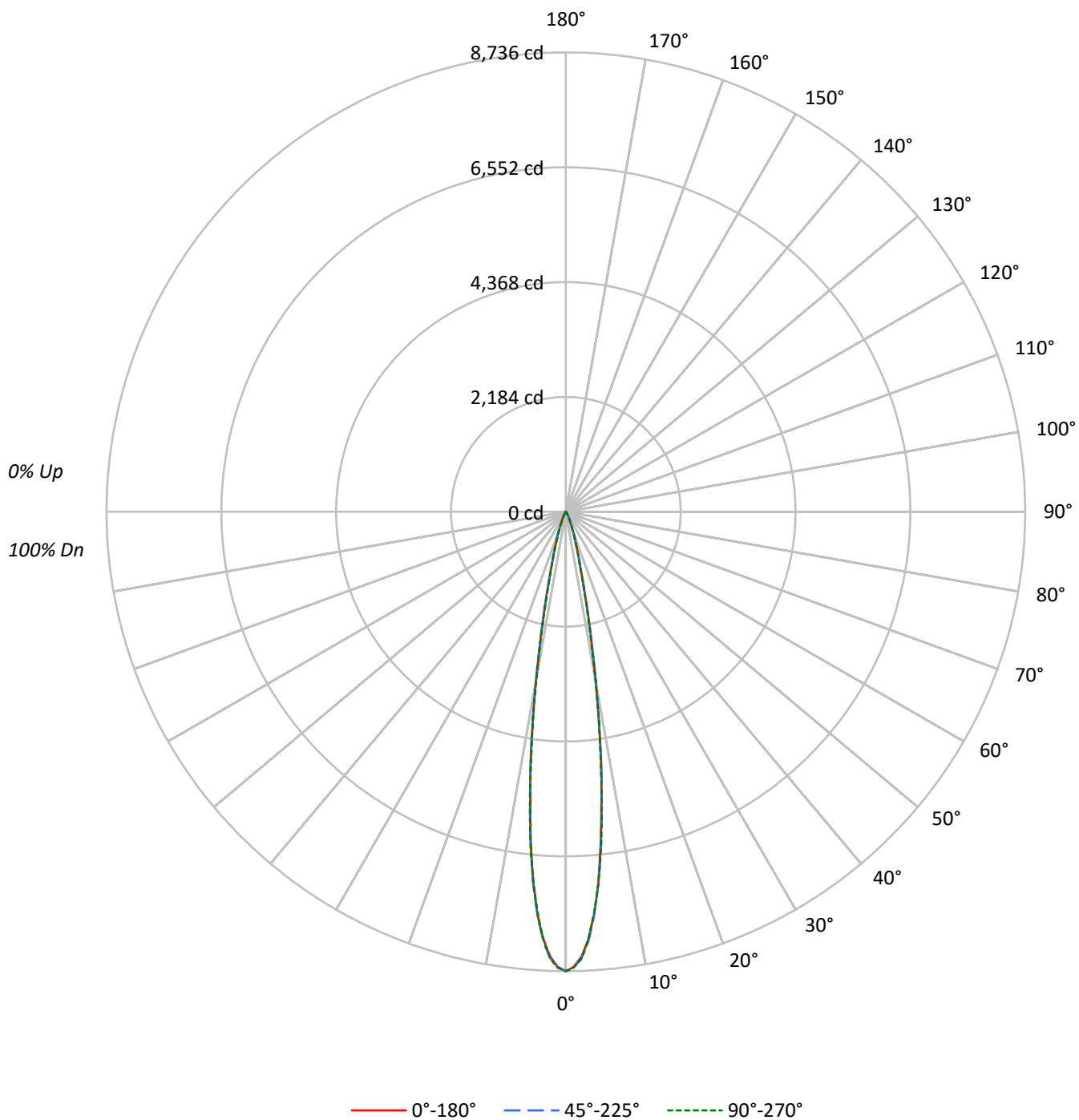
Lumens per Lamp: N/A
Luminaire Lumens: 975.0 lumens
Efficiency: N/A
Efficacy: 79.3 lumens/watt
Spacing Criteria (0/90/45): 0.29 / 0.29 / 0.29
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	116	114	112	111	113	112	110	109	108	107	106		104	103	102		101
2	113	109	107	105	111	108	106	104	105	103	101		102	101	99		99
3	110	106	103	100	108	105	102	100	102	100	98		100	98	97		98
4	107	103	99	97	106	102	99	96	100	97	95		98	96	94		96
5	105	100	97	94	104	99	96	94	98	95	93		96	94	92		95
6	103	97	94	92	102	97	94	91	96	93	91		94	92	90		93
7	101	95	92	90	100	95	92	89	94	91	89		93	90	88		92
8	99	93	90	88	98	93	90	88	92	89	87		91	89	87		90
9	97	91	88	86	96	91	88	86	90	88	86		90	87	85		89
10	95	90	87	84	95	90	86	84	89	86	84		88	86	84		88

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1504537	1504537	1504537
5°	1224962	1228973	1226570
10°	571419	576543	569268
15°	179439	180955	179849
20°	71093	73915	68838
25°	28732	34737	27706
30°	11494	15790	10898
35°	3406	6980	3238
40°	1034	2608	877
45°	195	560	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: 560 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	547.0	56.1
10°-20°	327.1	33.6
20°-30°	82.5	8.5
30°-40°	16.8	1.7
40°-50°	1.6	0.2
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°	956.6	98.1
0°-40°	973.4	99.8
0°-60°	975.0	100.0
0°-90°	975.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	975.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	8736	8736	8736	8736	8736	
5°	7086	7072	7109	7091	7095	545
15°	1006	1015	1015	1000	1009	327
25°	151	165	183	162	146	78
35°	16	22	33	21	15	13
45°	1	2	2	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°	8736.0	8736.0	8736.0	8736.0	8736.0
1°	8657.3	8686.6	8671.2	8683.5	8669.6
2°	8469.9	8509.2	8496.9	8493.0	8503.8
3°	8139.8	8185.3	8183.8	8172.2	8153.7
4°	7689.5	7671.0	7699.5	7696.4	7664.8
5°	7085.6	7072.5	7108.8	7091.0	7094.9
6°	6346.8	6403.9	6391.6	6393.1	6407.8
7°	5553.3	5584.1	5610.4	5632.0	5601.9
8°	4824.5	4816.8	4819.1	4843.8	4760.5
9°	4008.6	4056.4	4025.6	3976.2	4007.8
10°	3267.5	3296.8	3296.8	3253.6	3255.2
11°	2605.1	2629.0	2612.0	2622.8	2554.9
12°	2099.9	2040.6	2026.7	2037.5	2036.7
13°	1603.3	1607.1	1603.3	1602.5	1594.8
14°	1257.0	1277.1	1268.6	1247.8	1238.5
15°	1006.4	1014.9	1014.9	1000.2	1008.7
17.5°	604.6	614.6	616.9	606.9	606.9
20°	387.9	392.5	403.3	388.7	375.6
22.5°	239.1	249.1	267.6	246.0	235.2
25°	151.2	165.0	182.8	161.9	145.8
27.5°	94.9	106.4	121.8	101.8	91.8
30°	57.8	65.6	79.4	64.0	54.8
32.5°	32.4	38.6	50.1	37.0	30.8
35°	16.2	21.6	33.2	20.8	15.4
37.5°	9.3	11.6	20.8	10.0	8.5
40°	4.6	6.2	11.6	6.2	3.9
42.5°	1.5	3.1	4.6	3.1	1.5
45°	0.8	1.5	2.3	1.5	0.8
47.5°	0.0	0.0	0.8	0.0	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)