

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: P1327427

Luminaire Tested: LDSQA3D13R15W2N902750DE010 3LSQPHRLP1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1327427
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D13R15W2N902750DE010 3LSQPHRLP1MW_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 2700K CCT AND, 90CRI ,
3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

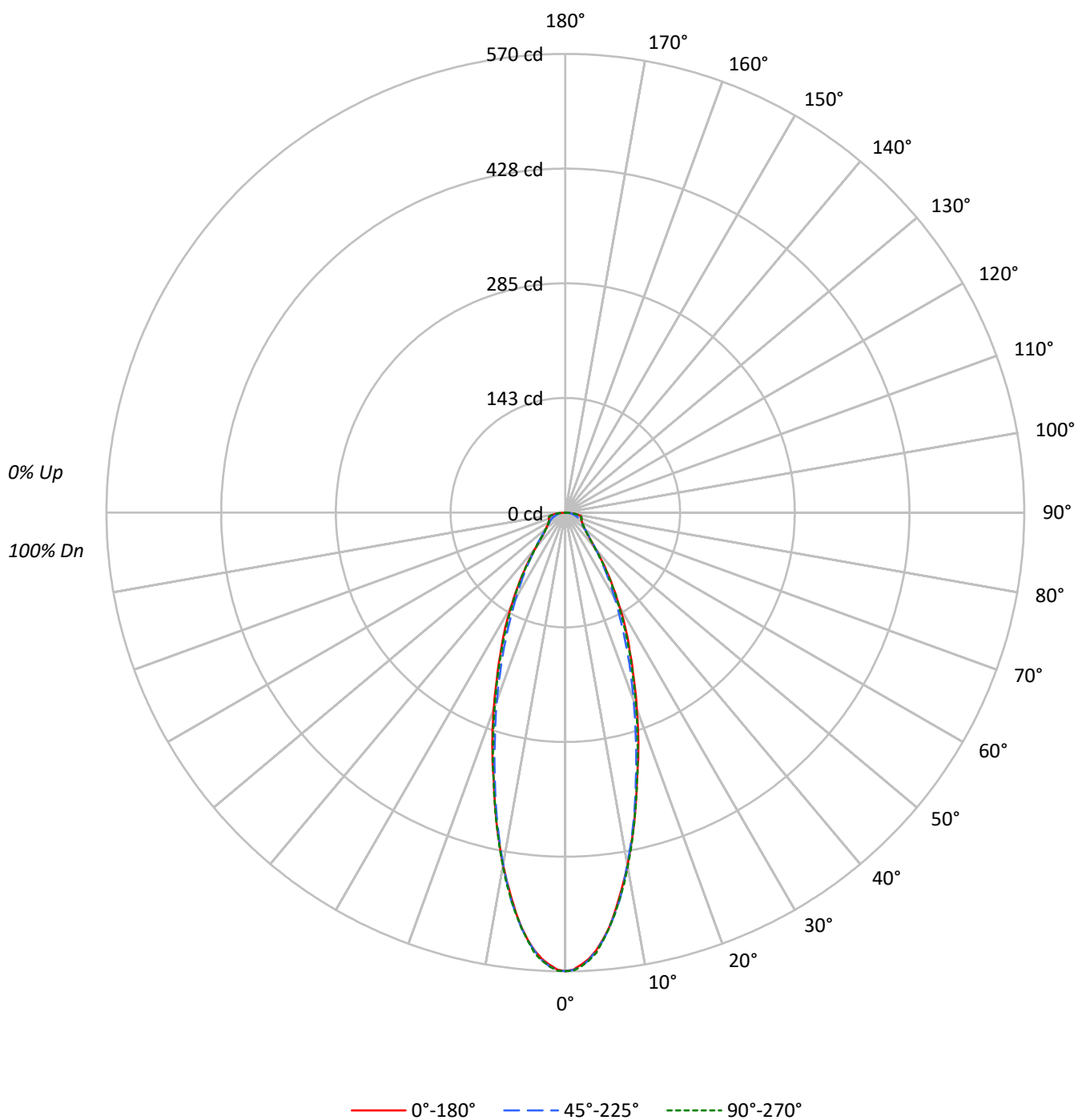
Lumens per Lamp: N/A
Luminaire Lumens: 382.0 lumens
Efficiency: N/A
Efficacy: 31.1 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.63
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	102	102	100
1	111	108	104	101	109	105	102	100	101	99	96	97	95	94	94	92	91	91	91	89
2	104	98	93	88	102	96	91	87	93	89	85	90	86	83	87	84	82	82	82	80
3	98	90	84	79	96	88	83	78	86	81	77	83	79	76	81	77	74	74	74	73
4	92	83	76	71	90	82	76	71	80	74	70	77	73	69	75	71	68	68	68	66
5	87	77	70	65	85	76	70	65	74	69	64	72	68	64	71	67	63	63	63	61
6	82	72	65	60	81	71	65	60	70	64	60	68	63	59	67	62	59	59	59	57
7	78	68	61	56	77	67	60	56	66	60	56	64	59	55	63	58	55	55	55	53
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	52	52	50
9	71	60	54	49	70	60	53	49	59	53	49	58	53	49	57	52	49	49	49	47
10	68	57	51	47	67	57	51	47	56	50	46	55	50	46	54	49	46	46	46	45

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	98132	98132	98132
5°	92163	92284	92284
10°	77856	77612	78101
15°	61228	60372	61352
20°	47578	45434	46955
25°	35915	33426	35402
30°	26708	24381	26171
35°	19069	17766	18775
40°	12927	13085	12770
45°	9621	10108	9621
50°	8359	8359	8359
55°	8107	7687	8107
60°	8336	7647	8094
65°	9047	7906	9047
70°	10826	8006	10826
75°	13841	8318	13841
80°	17158	8926	16464
85°	13635	8299	15018

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 17158 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.1	12.6
10°-20°	95.0	24.9
20°-30°	84.0	22.0
30°-40°	55.2	14.4
40°-50°	32.3	8.4
50°-60°	23.7	6.2
60°-70°	20.2	5.3
70°-80°	16.7	4.4
80°-90°	6.9	1.8
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°	227.0	59.4
0°-40°	282.2	73.9
0°-60°	338.2	88.5
0°-90°	382.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	382.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	570	570	570	570	570	
5°	533	533	534	534	534	48
15°	343	343	339	343	344	96
25°	189	183	176	181	186	87
35°	91	87	84	86	89	57
45°	40	40	42	40	40	32
55°	27	26	26	26	27	24
65°	22	20	19	20	22	22
75°	21	15	12	16	21	21
85°	7	8	4	7	8	8
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	569.8	569.8	569.8	569.8	569.8
1°	567.8	568.4	568.4	569.1	569.1
2°	562.2	563.6	564.3	564.3	564.3
3°	555.3	556.0	556.7	557.4	557.4
4°	545.6	546.3	546.3	547.7	548.4
5°	533.1	533.1	533.8	534.5	533.8
6°	518.6	518.6	519.3	519.3	519.3
7°	501.3	502.0	502.7	503.4	502.7
8°	482.6	483.3	485.4	485.4	484.7
9°	463.9	464.6	464.6	466.7	466.7
10°	445.2	445.2	443.8	445.2	446.6
12.5°	394.7	394.0	391.9	394.0	395.3
15°	343.4	343.4	338.6	342.7	344.1
17.5°	301.9	295.6	290.8	295.0	298.4
20°	259.6	253.4	247.9	252.0	256.2
22.5°	221.6	216.7	209.8	213.9	218.8
25°	189.0	182.8	175.9	180.7	186.3
27.5°	162.0	153.7	146.8	152.3	157.2
30°	134.3	128.8	122.6	126.7	131.6
32.5°	110.8	106.6	101.8	105.2	109.4
35°	90.7	87.2	84.5	86.5	89.3
37.5°	72.7	71.3	69.9	70.6	70.6
40°	57.5	58.2	58.2	58.2	56.8
42.5°	47.1	47.8	49.2	47.8	47.1
45°	39.5	40.2	41.5	40.2	39.5
47.5°	34.6	35.3	36.0	34.6	34.6
50°	31.2	31.2	31.2	31.2	31.2
52.5°	29.1	28.4	28.4	28.4	29.1
55°	27.0	26.3	25.6	26.3	27.0
57.5°	24.9	24.2	23.5	24.2	24.9
60°	24.2	22.8	22.2	22.8	23.5
62.5°	22.8	21.5	20.8	21.5	22.8
65°	22.2	20.1	19.4	20.1	22.2
67.5°	21.5	18.7	17.3	18.7	21.5
70°	21.5	17.3	15.9	18.0	21.5
72.5°	20.8	16.6	13.8	16.6	20.8
75°	20.8	15.2	12.5	15.9	20.8
77.5°	19.4	13.8	10.4	14.5	19.4
80°	17.3	12.5	9.0	13.2	16.6
82.5°	12.5	10.4	6.9	10.4	12.5
85°	6.9	7.6	4.2	6.9	7.6
87.5°	0.7	2.1	1.4	4.2	3.5
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)