

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: P1327428

Luminaire Tested: LDSQA3D13R15W2N902750DE010 3LSQPHRLP1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1327428
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_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,
3LSQPHRLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

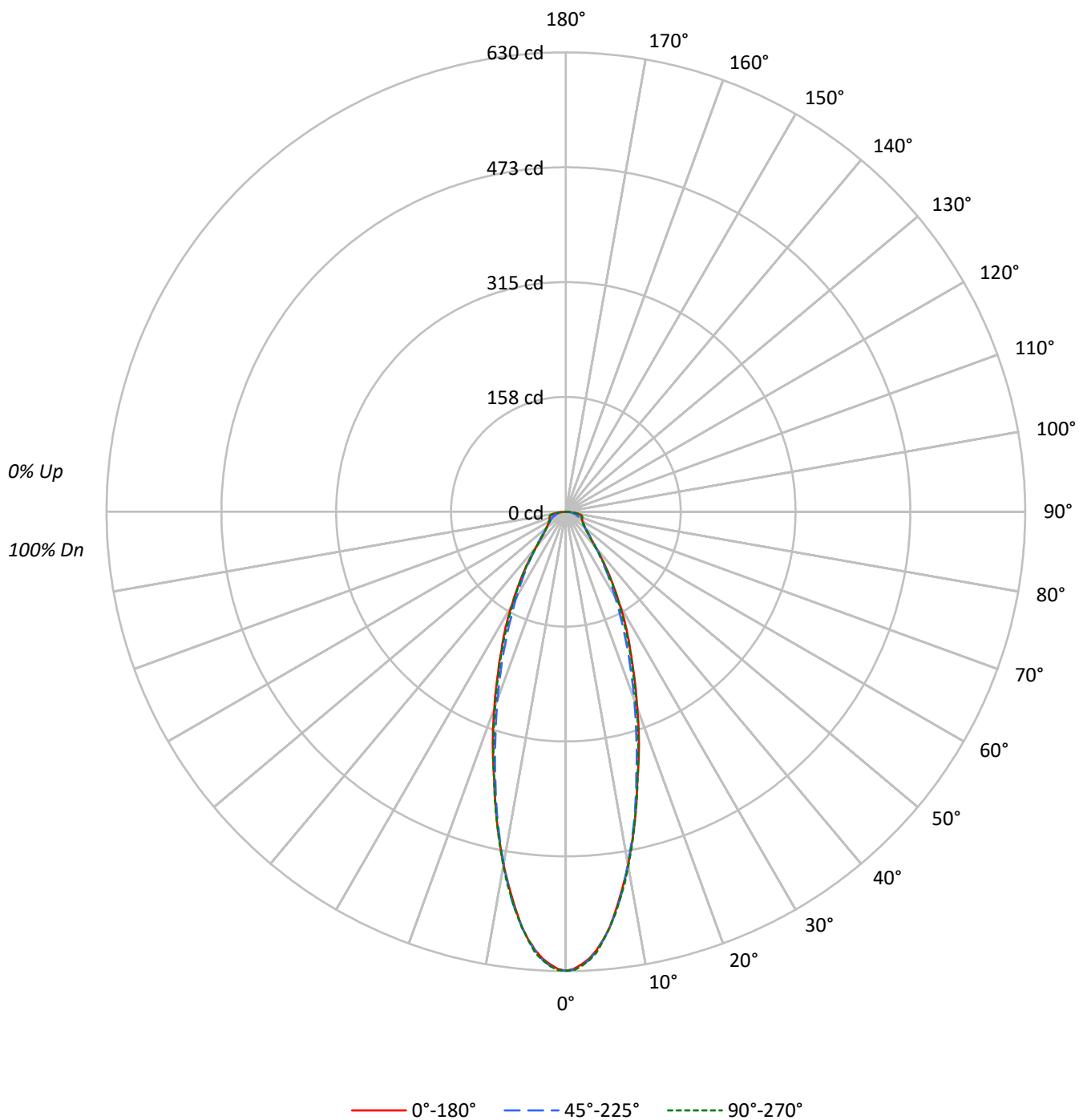
Lumens per Lamp: N/A
Luminaire Lumens: 422.0 lumens
Efficiency: N/A
Efficacy: 34.3 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.63
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1327428

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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	108414	108414	108414
5°	101827	101948	101948
10°	86006	85743	86268
15°	67646	66683	67771
20°	52563	50181	51867
25°	39678	36922	39107
30°	29512	26926	28895
35°	21067	19616	20751
40°	14276	14433	14096
45°	10619	11179	10619
50°	9217	9217	9217
55°	8948	8497	8948
60°	9231	8439	8956
65°	9984	8721	9984
70°	11934	8862	11934
75°	15238	9183	15238
80°	18943	9819	18249
85°	15018	9090	16599

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 18943 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.1	12.6
10°-20°	104.9	24.9
20°-30°	92.8	22.0
30°-40°	60.9	14.4
40°-50°	35.6	8.4
50°-60°	26.2	6.2
60°-70°	22.3	5.3
70°-80°	18.4	4.4
80°-90°	7.6	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°	250.8	59.4
0°-40°	311.8	73.9
0°-60°	373.6	88.5
0°-90°	422.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	422.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	630	630	630	630	630	
5°	589	589	590	590	590	53
15°	379	379	374	379	380	106
25°	209	202	194	200	206	97
35°	100	96	93	96	99	63
45°	44	44	46	44	44	35
55°	30	29	28	29	30	27
65°	24	22	21	22	24	24
75°	23	17	14	18	23	23
85°	8	8	5	8	8	9
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	629.5	629.5	629.5	629.5	629.5
1°	627.2	628.0	628.0	628.7	628.7
2°	621.1	622.6	623.4	623.4	623.4
3°	613.4	614.2	615.0	615.7	615.7
4°	602.7	603.5	603.5	605.0	605.8
5°	589.0	589.0	589.7	590.5	589.7
6°	572.9	572.9	573.7	573.7	573.7
7°	553.8	554.5	555.3	556.1	555.3
8°	533.1	533.9	536.2	536.2	535.4
9°	512.5	513.2	513.2	515.5	515.5
10°	491.8	491.8	490.3	491.8	493.3
12.5°	436.0	435.2	432.9	435.2	436.7
15°	379.4	379.4	374.0	378.6	380.1
17.5°	333.5	326.6	321.2	325.8	329.7
20°	286.8	279.9	273.8	278.4	283.0
22.5°	244.8	239.4	231.8	236.3	241.7
25°	208.8	201.9	194.3	199.6	205.8
27.5°	179.0	169.8	162.2	168.3	173.6
30°	148.4	142.3	135.4	140.0	145.3
32.5°	122.4	117.8	112.4	116.3	120.9
35°	100.2	96.4	93.3	95.6	98.7
37.5°	80.3	78.8	77.3	78.0	78.0
40°	63.5	64.2	64.2	64.2	62.7
42.5°	52.0	52.8	54.3	52.8	52.0
45°	43.6	44.4	45.9	44.4	43.6
47.5°	38.2	39.0	39.8	38.2	38.2
50°	34.4	34.4	34.4	34.4	34.4
52.5°	32.1	31.4	31.4	31.4	32.1
55°	29.8	29.1	28.3	29.1	29.8
57.5°	27.5	26.8	26.0	26.8	27.5
60°	26.8	25.2	24.5	25.2	26.0
62.5°	25.2	23.7	22.9	23.7	25.2
65°	24.5	22.2	21.4	22.2	24.5
67.5°	23.7	20.7	19.1	20.7	23.7
70°	23.7	19.1	17.6	19.9	23.7
72.5°	22.9	18.4	15.3	18.4	22.9
75°	22.9	16.8	13.8	17.6	22.9
77.5°	21.4	15.3	11.5	16.1	21.4
80°	19.1	13.8	9.9	14.5	18.4
82.5°	13.8	11.5	7.6	11.5	13.8
85°	7.6	8.4	4.6	7.6	8.4
87.5°	0.8	2.3	1.5	4.6	3.8
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)