

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: IRiS

Report Number: P1295063

Luminaire Tested: P3AS09R70W2N902750DE010 E3D1H_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1295063
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R70W2N902750DE010 E3D1H_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

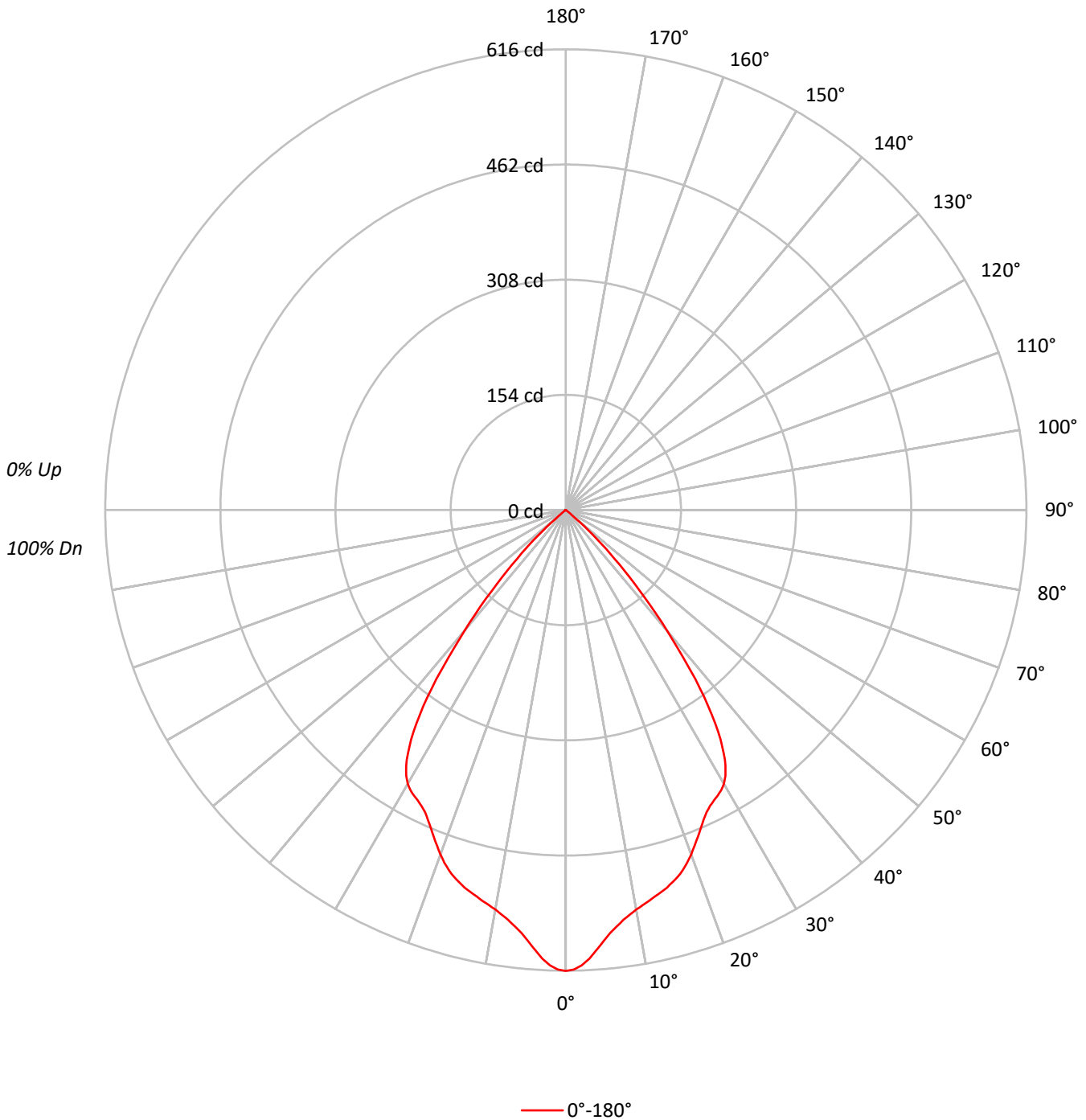
Lumens per Lamp: N/A
Luminaire Lumens: 695.1 lumens
Efficiency: N/A
Efficacy: 77.2 lumens/watt
Spacing Criteria (0/90/45): 1.02 / 1.02 / 1.06
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 9
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: P1295063

CATALOG NUMBER: P3AS09R70W2N902750DE010 E3D1H_3000K

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			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93			
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85			
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	86	83	80	79			
4	95	87	81	77	94	86	81	76	84	79	76	82	78	75	80	77	74	72			
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66			
6	85	75	69	64	83	75	69	64	73	68	64	72	67	63	70	66	63	61			
7	80	70	64	59	79	70	63	59	68	63	59	67	62	58	66	61	58	57			
8	76	66	59	55	75	65	59	55	64	58	54	63	58	54	62	57	54	52			
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49			
10	68	58	51	47	67	57	51	47	56	51	47	55	50	47	55	50	47	45			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	135143
5°	127426
10°	120817
15°	118661
20°	114367
25°	107813
30°	107029
35°	93210
40°	60313
45°	28499
50°	3991
55°	344
60°	263
65°	311
70°	192
75°	254
80°	379
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 28499 cd/sqm



TEST NUMBER: P1295063

CATALOG NUMBER: P3AS09R70W2N902750DE010 E3D1H_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.1	7.8
10°-20°	146.8	21.1
20°-30°	207.6	29.9
30°-40°	208.7	30.0
40°-50°	75.1	10.8
50°-60°	2.0	0.3
60°-70°	0.5	0.1
70°-80°	0.3	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°	408.5	58.8
0°-40°	617.2	88.8
0°-60°	694.2	99.9
0°-90°	695.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	695.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	616	
5°	579	54
15°	523	147
25°	446	208
35°	348	209
45°	92	75
55°	1	2
65°	1	0
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P1295063

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CANDELA DISTRIBUTION (FULL):

0°	
0°	616.3
1°	614.6
2°	609.1
3°	600.6
4°	589.7
5°	578.9
6°	568.6
7°	560.6
8°	553.5
9°	547.8
10°	542.6
11°	538.4
12°	534.4
13°	530.4
14°	526.6
15°	522.7
16°	517.8
17°	512.7
18°	506.4
19°	498.7
20°	490.1
21°	480.7
22°	471.3
23°	462.1
24°	453.3
25°	445.6
26°	440.2
27°	435.9
28°	432.5
29°	428.5
30°	422.7
31°	414.5
32°	402.8
32.5°	396.2
33°	387.4
34°	369.9
35°	348.2
36°	324.3
37°	297.1
37.5°	284.6
38°	267.5
39°	236.9
40°	210.7
42.5°	145.9
45°	91.9



TEST NUMBER: P1295063

CATALOG NUMBER: P3AS09R70W2N902750DE010 E3D1H_3000K

CANDELA DISTRIBUTION (continued):

	0°
47.5°	49.4
50°	11.7
52.5°	1.4
55°	0.9
57.5°	0.9
60°	0.6
62.5°	0.6
65°	0.6
67.5°	0.3
70°	0.3
72.5°	0.3
75°	0.3
77.5°	0.3
80°	0.3
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)