

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: P1294200

Luminaire Tested: P3A09R55W2N902750DE010 E3DLP1LI_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1294200
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R55W2N902750DE010 E3DLP1LI_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 2700K CCT AND, 90CRI ,
E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

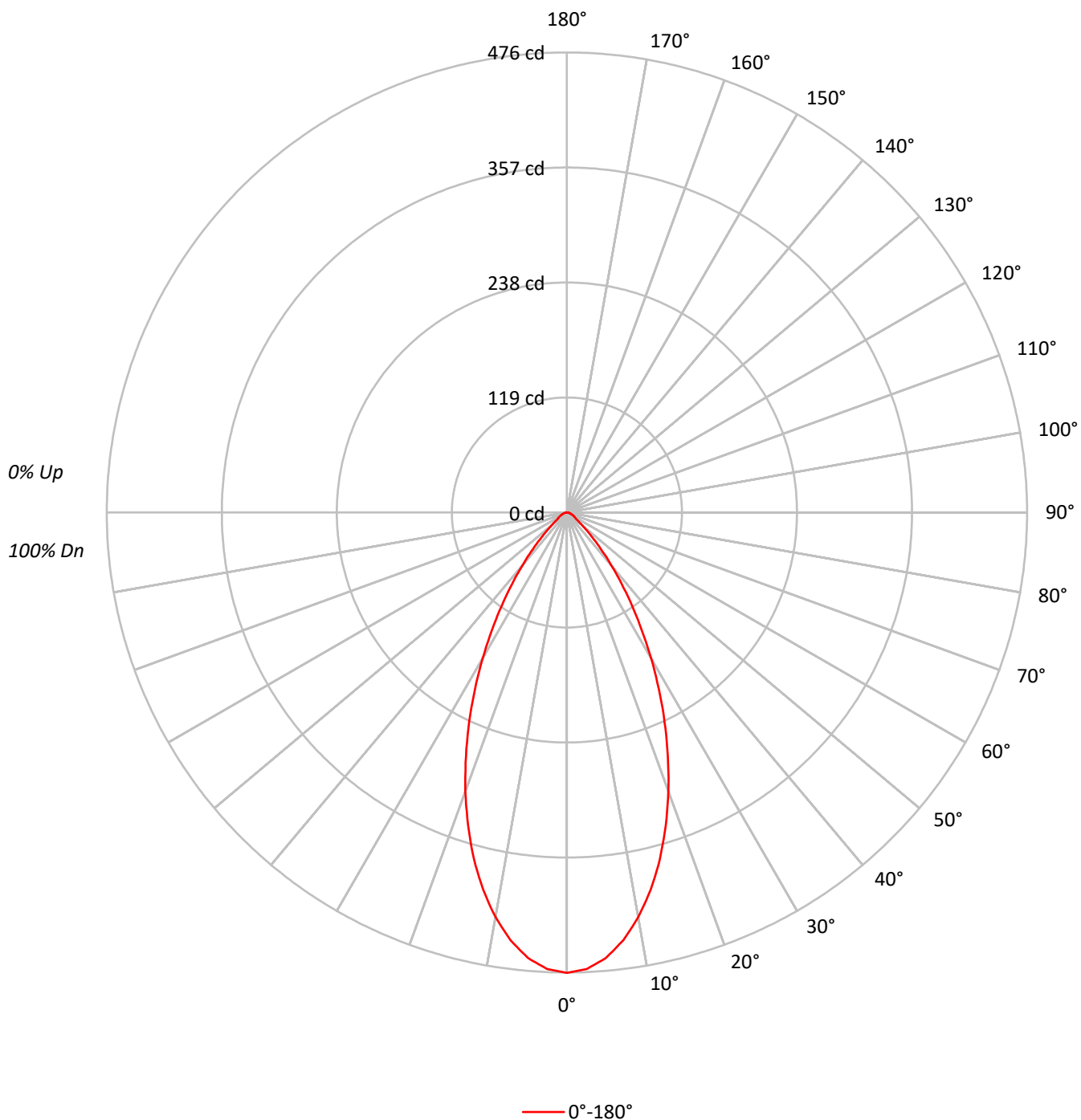
Lumens per Lamp: N/A
Luminaire Lumens: 384.0 lumens
Efficiency: N/A
Efficacy: 42.7 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1294200

CATALOG NUMBER: P3A09R55W2N902750DE010 E3DLP1LI_2700K

Luminous Intensity Polar Plot



TEST NUMBER: P1294200

CATALOG NUMBER: P3A09R55W2N902750DE010 E3DLP1LI_2700K

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	113	110	107	105	110	108	105	103	104	102	100	100	98	97	97	95	94	92		
2	107	102	97	94	105	100	96	93	97	93	91	94	91	89	91	89	87	85		
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	85	83	80	79		
4	96	88	82	77	94	87	81	77	84	80	76	82	78	75	80	77	74	73		
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	67		
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	68	64	63		
7	82	72	66	61	80	71	65	61	70	65	61	69	64	60	68	63	60	59		
8	78	68	62	57	76	67	61	57	66	61	57	65	60	57	64	60	56	55		
9	74	64	58	54	73	63	58	54	62	57	53	62	57	53	61	56	53	52		
10	70	60	55	51	69	60	54	50	59	54	50	58	54	50	58	53	50	49		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	104465
5°	101849
10°	94676
15°	84314
20°	71640
25°	57826
30°	44083
35°	31347
40°	20696
45°	12280
50°	7198
55°	4435
60°	3947
65°	3580
70°	3013
75°	2711
80°	2652
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12280 cd/sqm

TEST NUMBER: P1294200

CATALOG NUMBER: P3A09R55W2N902750DE010 E3DLP1LI_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.0	11.2
10°-20°	103.0	26.8
20°-30°	109.0	28.4
30°-40°	73.7	19.2
40°-50°	32.3	8.4
50°-60°	11.6	3.0
60°-70°	6.8	1.8
70°-80°	3.5	0.9
80°-90°	1.2	0.3
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°	255.0	66.4
0°-40°	328.6	85.6
0°-60°	372.5	97.0
0°-90°	384.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	384.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	476	
5°	463	43
15°	371	103
25°	239	109
35°	117	74
45°	40	32
55°	12	12
65°	7	7
75°	3	4
85°	1	1
90°	0	



TEST NUMBER: P1294200

CATALOG NUMBER: P3A09R55W2N902750DE010 E3DLP1LI_2700K

CANDELA DISTRIBUTION (FULL):

0°	
0°	476.4
2.5°	472.7
5°	462.7
7.5°	446.3
10°	425.2
12.5°	399.9
15°	371.4
17.5°	339.7
20°	307.0
22.5°	272.7
25°	239.0
27.5°	205.7
30°	174.1
32.5°	144.0
35°	117.1
37.5°	92.8
40°	72.3
42.5°	54.3
45°	39.6
47.5°	29.0
50°	21.1
52.5°	14.8
55°	11.6
57.5°	10.6
60°	9.0
62.5°	7.9
65°	6.9
67.5°	5.8
70°	4.7
72.5°	4.2
75°	3.2
77.5°	2.6
80°	2.1
82.5°	1.6
85°	1.1
87.5°	0.5
90°	0.0

(END OF REPORT)