

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: P1246550

Luminaire Tested: P3AS09R409024DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246550
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R409024DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 2400K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

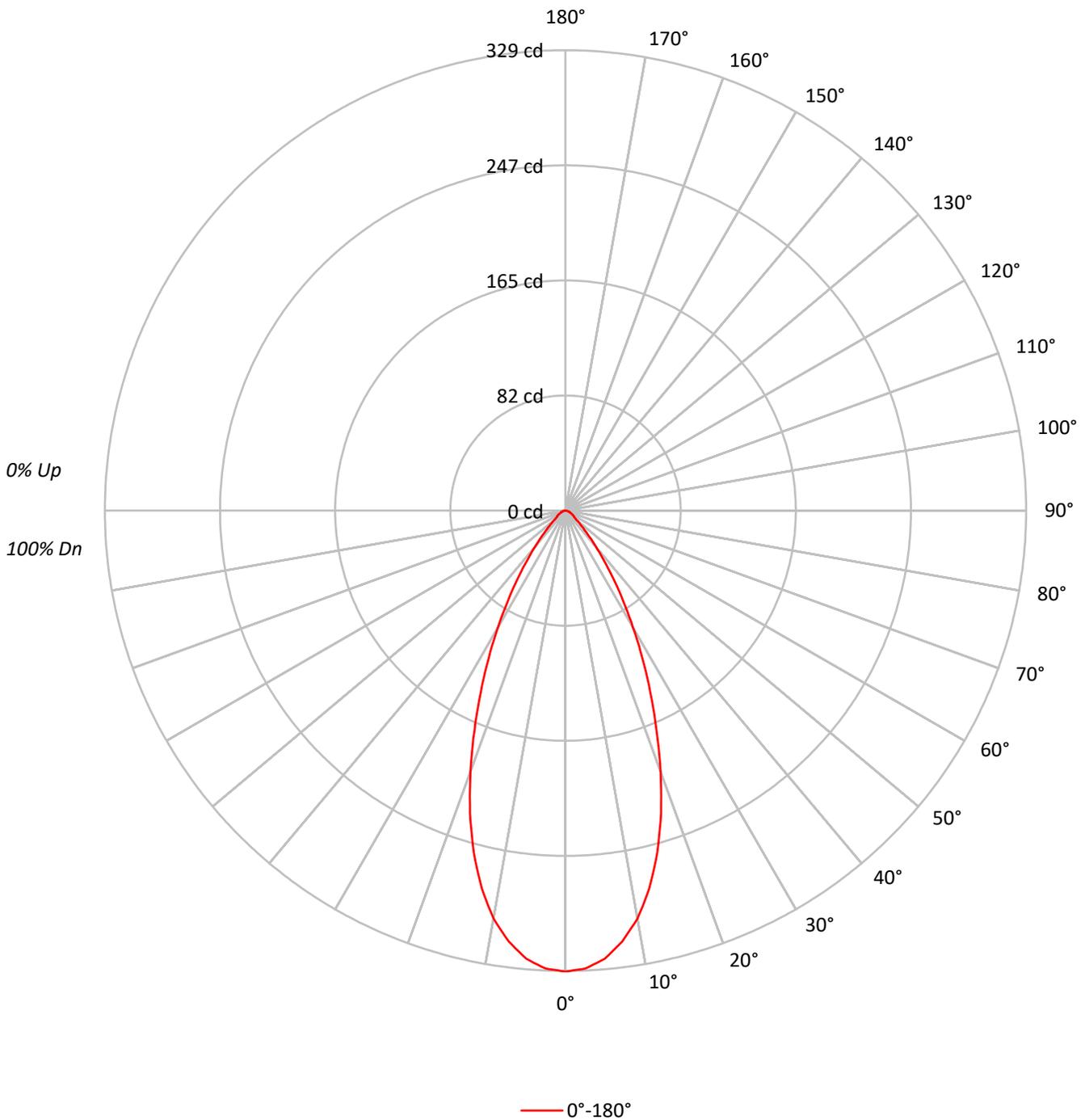
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 232.0 lumens
Efficiency: N/A
Efficacy: 20.9 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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: P1246550
CATALOG NUMBER: P3AS09R409024DE010 E3DLP1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1246550
 CATALOG NUMBER: P3AS09R409024DE010 E3DLP1GPH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				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	102	102	102	100
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	95	95	95	93
2	107	102	98	95	105	101	97	93	97	94	91	94	92	89	92	89	88	88	88	88	86
3	102	95	90	86	100	94	89	85	91	87	84	89	85	83	86	84	81	81	81	81	80
4	97	89	83	79	95	88	83	79	86	81	78	84	80	77	82	79	76	76	76	76	74
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	71	71	71	69
6	87	78	72	68	86	78	72	68	76	71	67	75	70	67	73	69	66	66	66	66	65
7	83	74	68	64	82	73	68	64	72	67	63	71	66	63	70	66	62	62	62	62	61
8	79	70	64	60	78	69	64	60	68	63	59	67	63	59	66	62	59	59	59	59	58
9	76	66	60	56	75	66	60	56	65	60	56	64	59	56	63	59	56	56	56	56	54
10	72	63	57	53	71	62	57	53	62	57	53	61	56	53	60	56	53	53	53	53	51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	72231
5°	70768
10°	65908
15°	57435
20°	46297
25°	34696
30°	24383
35°	15981
40°	9675
45°	5768
50°	3446
55°	2791
60°	2500
65°	2127
70°	2052
75°	1610
80°	1642
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 5768 cd/sqm



TEST NUMBER: P1246550
 CATALOG NUMBER: P3AS09R409024DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.9	12.9
10°-20°	69.7	30.0
20°-30°	65.7	28.3
30°-40°	38.0	16.4
40°-50°	15.1	6.5
50°-60°	6.7	2.9
60°-70°	4.1	1.8
70°-80°	2.2	0.9
80°-90°	0.7	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°	165.2	71.2
0°-40°	203.2	87.6
0°-60°	225.0	97.0
0°-90°	232.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	232.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	329	
5°	322	30
15°	253	70
25°	143	66
35°	60	38
45°	19	15
55°	7	7
65°	4	4
75°	2	2
85°	1	1
90°	0	



TEST NUMBER: P1246550
CATALOG NUMBER: P3AS09R409024DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	329.4
2.5°	327.5
5°	321.5
7.5°	310.5
10°	296.0
12.5°	276.4
15°	253.0
17.5°	226.8
20°	198.4
22.5°	169.9
25°	143.4
27.5°	118.8
30°	96.3
32.5°	76.8
35°	59.7
37.5°	45.2
40°	33.8
42.5°	25.3
45°	18.6
47.5°	13.6
50°	10.1
52.5°	8.2
55°	7.3
57.5°	6.6
60°	5.7
62.5°	4.7
65°	4.1
67.5°	3.5
70°	3.2
72.5°	2.5
75°	1.9
77.5°	1.6
80°	1.3
82.5°	0.9
85°	0.6
87.5°	0.3
90°	0.0

(END OF REPORT)