

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: P1253099

Luminaire Tested: P3AS24R409030D010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253099
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: P3AS24R409030D010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

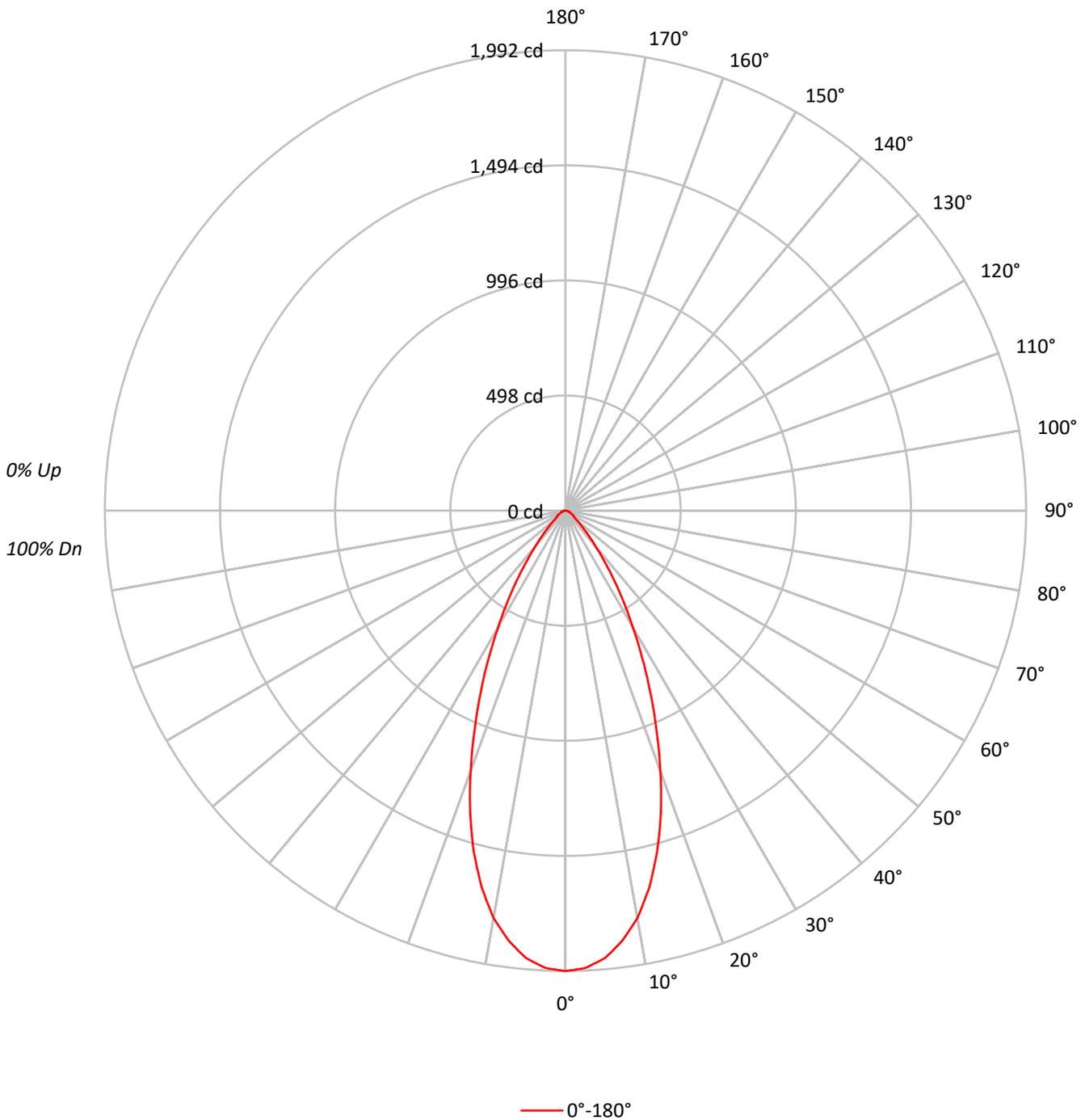
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1403.0 lumens
Efficiency: N/A
Efficacy: 48.7 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): 28.8
Input Voltage (V): NR
Input Current (A_{in}): 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: P1253099
CATALOG NUMBER: P3AS24R409030D010 E3DLP1H

Luminous Intensity Polar Plot





TEST NUMBER: P1253099
 CATALOG NUMBER: P3AS24R409030D010 E3DLP1H

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°	436851
5°	428020
10°	398523
15°	347335
20°	279931
25°	209819
30°	147516
35°	96637
40°	58510
45°	34949
50°	20844
55°	16783
60°	15087
65°	12868
70°	12246
75°	9743
80°	9597
85°	9561

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 34949 cd/sqm



TEST NUMBER: P1253099
 CATALOG NUMBER: P3AS24R409030D010 E3DLP1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	180.6	12.9
10°-20°	421.4	30.0
20°-30°	397.1	28.3
30°-40°	229.6	16.4
40°-50°	91.5	6.5
50°-60°	40.5	2.9
60°-70°	25.0	1.8
70°-80°	13.1	0.9
80°-90°	4.1	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°	999.1	71.2
0°-40°	1228.7	87.6
0°-60°	1360.7	97.0
0°-90°	1403.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1403.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1992	
5°	1944	181
15°	1530	421
25°	867	397
35°	361	230
45°	113	91
55°	44	40
65°	25	25
75°	12	13
85°	4	4
90°	0	



TEST NUMBER: P1253099
CATALOG NUMBER: P3AS24R409030D010 E3DLP1H

CANDELA DISTRIBUTION (FULL):

	0°
0°	1992.2
2.5°	1980.8
5°	1944.5
7.5°	1877.6
10°	1789.8
12.5°	1671.3
15°	1530.0
17.5°	1371.5
20°	1199.6
22.5°	1027.6
25°	867.2
27.5°	718.2
30°	582.6
32.5°	464.2
35°	361.0
37.5°	273.1
40°	204.4
42.5°	152.8
45°	112.7
47.5°	82.1
50°	61.1
52.5°	49.7
55°	43.9
57.5°	40.1
60°	34.4
62.5°	28.7
65°	24.8
67.5°	21.0
70°	19.1
72.5°	15.3
75°	11.5
77.5°	9.6
80°	7.6
82.5°	5.7
85°	3.8
87.5°	1.9
90°	0.0

(END OF REPORT)