

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: P1258537

Luminaire Tested: P3AS24R459040D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258537
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R459040D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 4000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

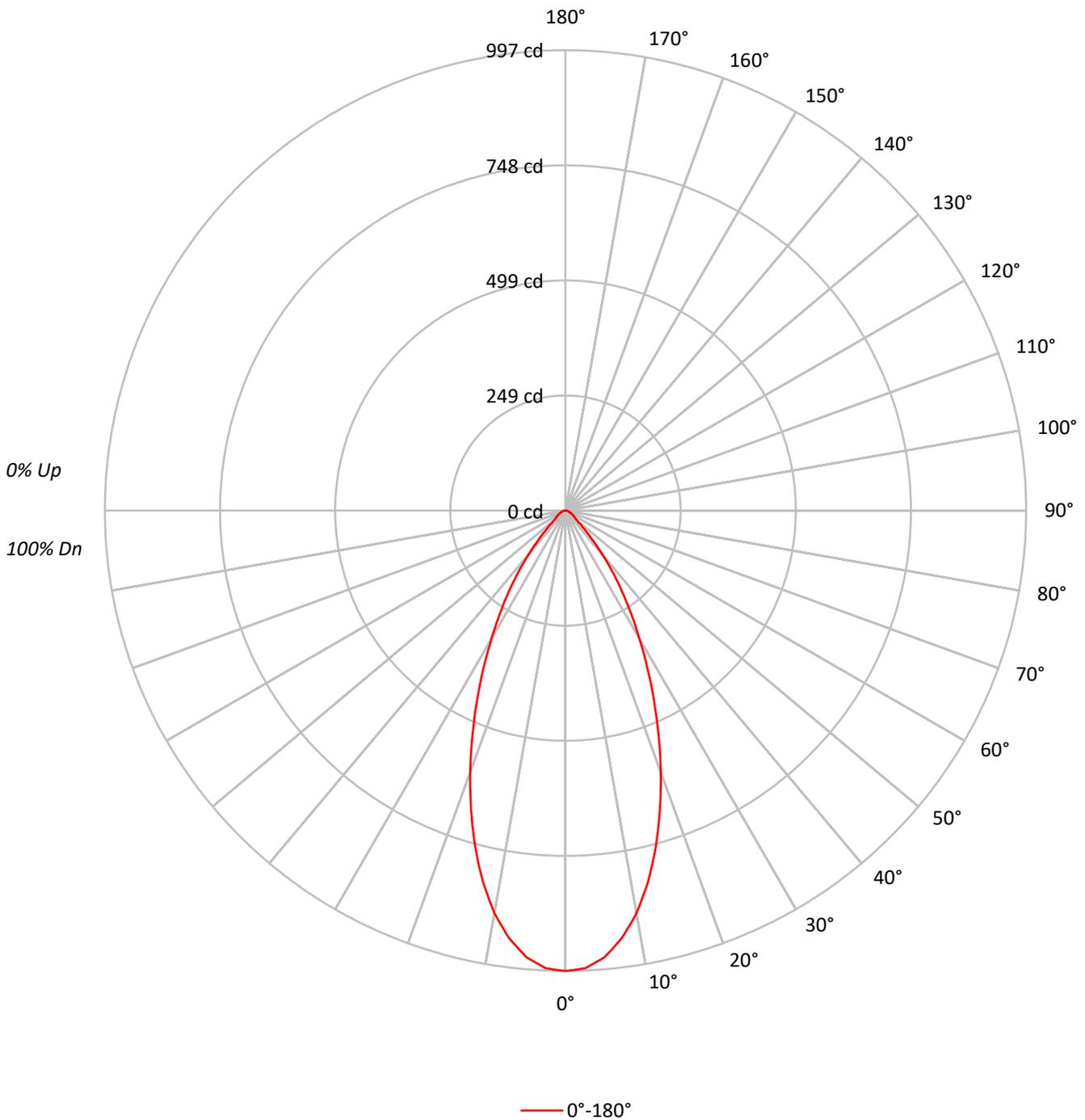
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 734.0 lumens
Efficiency: N/A
Efficacy: 25.5 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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

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Luminous Intensity Polar Plot





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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	100				100
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93				93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	86				86
3	102	95	90	85	100	93	89	85	91	87	83	88	85	82	86	83	81	79				79
4	96	88	83	78	94	87	82	78	85	81	77	83	79	76	81	78	75	74				74
5	91	83	77	72	90	82	76	72	80	75	71	78	74	71	77	73	70	69				69
6	87	78	72	67	85	77	71	67	75	70	66	74	69	66	73	69	66	64				64
7	83	73	67	63	81	72	67	63	71	66	62	70	65	62	69	65	61	60				60
8	79	69	63	59	77	68	63	59	67	62	58	66	62	58	65	61	58	56				56
9	75	65	59	55	74	65	59	55	64	59	55	63	58	55	62	58	55	53				53
10	72	62	56	52	71	61	56	52	61	55	52	60	55	52	59	55	52	50				50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	218623
5°	213647
10°	197079
15°	171374
20°	140782
25°	109531
30°	80899
35°	56911
40°	35524
45°	19258
50°	10405
55°	8946
60°	8026
65°	6849
70°	5898
75°	6015
80°	5177
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 19258 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	89.9	12.2
10°-20°	208.7	28.4
20°-30°	207.2	28.2
30°-40°	133.4	18.2
40°-50°	51.4	7.0
50°-60°	20.9	2.8
60°-70°	13.2	1.8
70°-80°	7.1	1.0
80°-90°	2.2	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°	505.8	68.9
0°-40°	639.2	87.1
0°-60°	711.5	96.9
0°-90°	734.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	734.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	997	
5°	971	90
15°	755	209
25°	453	207
35°	213	133
45°	62	51
55°	23	21
65°	13	13
75°	7	7
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	997.0
2.5°	991.9
5°	970.6
7.5°	934.0
10°	885.1
12.5°	824.1
15°	754.9
17.5°	679.6
20°	603.3
22.5°	526.0
25°	452.7
27.5°	383.6
30°	319.5
32.5°	263.5
35°	212.6
37.5°	166.9
40°	124.1
42.5°	89.5
45°	62.1
47.5°	41.7
50°	30.5
52.5°	25.4
55°	23.4
57.5°	20.3
60°	18.3
62.5°	15.3
65°	13.2
67.5°	11.2
70°	9.2
72.5°	8.1
75°	7.1
77.5°	5.1
80°	4.1
82.5°	3.1
85°	2.0
87.5°	1.0
90°	0.0

(END OF REPORT)