

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: P1249115

Luminaire Tested: P3AS10R129027DE010 E3DLP1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249115
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS10R129027DE010 E3DLP1LI
Description: 3in Adjustable LED luminaire with, R12 optic, 2700K CCT AND, 90CRI , E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

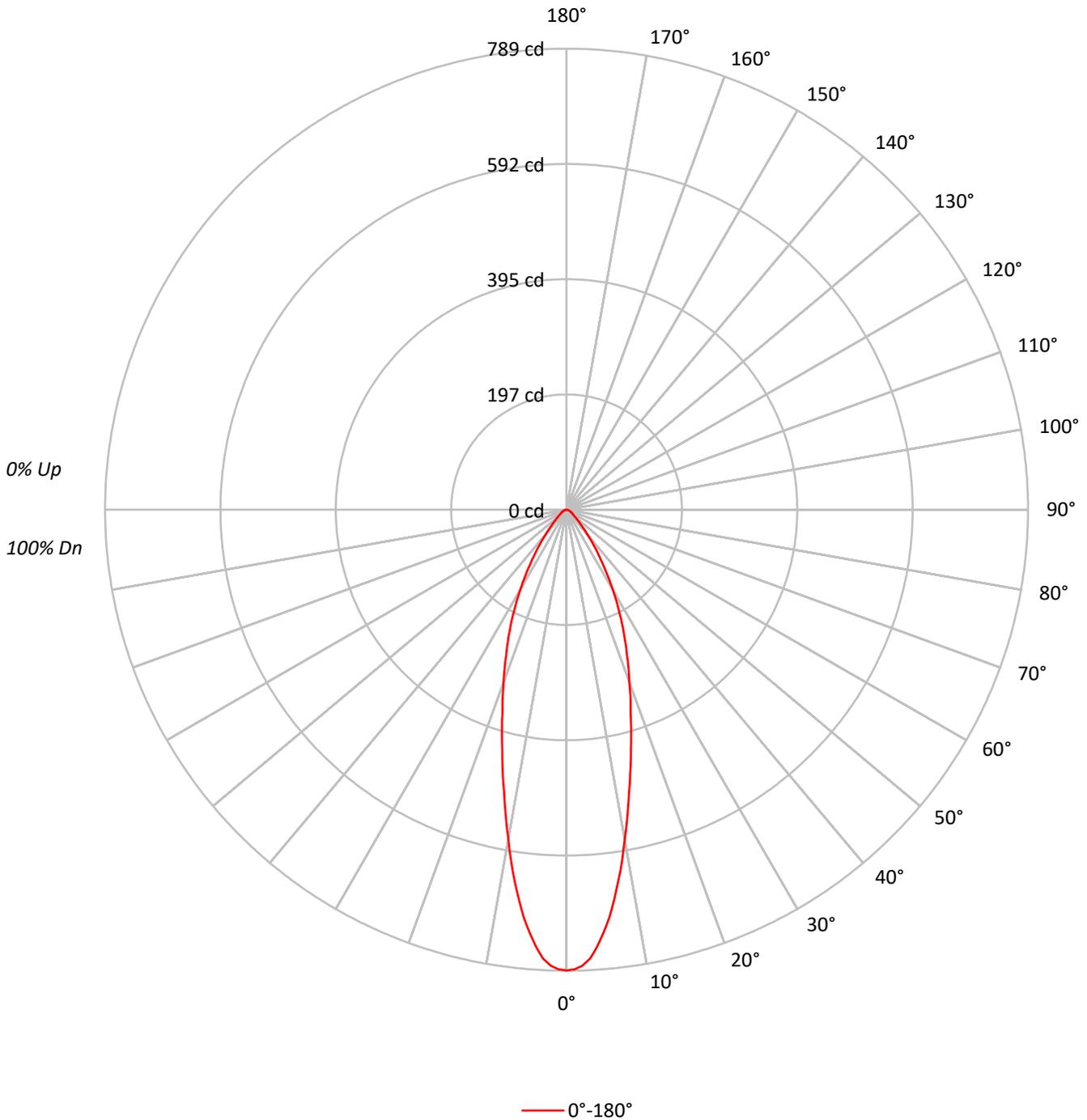
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 401.1 lumens
Efficiency: N/A
Efficacy: 34.3 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.7
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				
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	100	100
1	113	110	108	106	111	108	106	104	104	102	101	100	99	98	97	96	95	93	93	93	93
2	108	103	98	95	105	101	97	94	98	95	92	95	92	90	92	90	88	86	86	86	86
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	84	82	80	80	80	80
4	97	90	84	80	95	88	83	79	86	82	78	84	81	78	82	79	77	75	75	75	75
5	93	84	78	74	91	83	78	74	81	77	73	80	76	72	78	75	72	70	70	70	70
6	88	79	73	69	87	79	73	69	77	72	69	76	71	68	74	71	68	66	66	66	66
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	62	62	62	62
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	67	63	60	59	59	59	59
9	77	68	62	58	76	67	62	58	66	61	58	65	61	57	64	60	57	56	56	56	56
10	74	64	59	55	73	64	59	55	63	58	55	62	58	55	62	57	54	53	53	53	53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	172925
5°	159828
10°	127586
15°	96391
20°	73390
25°	55939
30°	40057
35°	26154
40°	16030
45°	9706
50°	6448
55°	4970
60°	4298
65°	3736
70°	3334
75°	3304
80°	2526
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 9706 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.3	16.0
10°-20°	118.7	29.6
20°-30°	105.6	26.3
30°-40°	62.5	15.6
40°-50°	25.7	6.4
50°-60°	12.0	3.0
60°-70°	7.3	1.8
70°-80°	3.9	1.0
80°-90°	1.0	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°	288.6	72.0
0°-40°	351.1	87.5
0°-60°	388.9	97.0
0°-90°	401.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	401.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	789	
5°	726	64
15°	425	119
25°	231	106
35°	98	63
45°	31	26
55°	13	12
65°	7	7
75°	4	4
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	788.6
1°	786.6
2°	780.8
3°	769.0
4°	749.5
5°	726.1
6°	700.7
7°	670.7
8°	639.5
9°	607.6
10°	573.0
12.5°	494.2
15°	424.6
17.5°	364.7
20°	314.5
22.5°	270.2
25°	231.2
27.5°	193.4
30°	158.2
32.5°	126.3
35°	97.7
37.5°	74.9
40°	56.0
42.5°	41.7
45°	31.3
47.5°	24.1
50°	18.9
52.5°	15.6
55°	13.0
57.5°	11.1
60°	9.8
62.5°	8.5
65°	7.2
67.5°	6.5
70°	5.2
72.5°	4.6
75°	3.9
77.5°	2.6
80°	2.0
82.5°	1.3
85°	0.7
87.5°	0.7
90°	0.0

(END OF REPORT)