

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: P1286857

Luminaire Tested: P3AS09R409030D2WDE010 E3DLP1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286857
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: P3AS09R409030D2WDE010 E3DLP1LI
Description: 3in Adjustable Dim to Warm LED luminaire with, R40 optic, 3000K CCT AND, 90CRI ,
E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

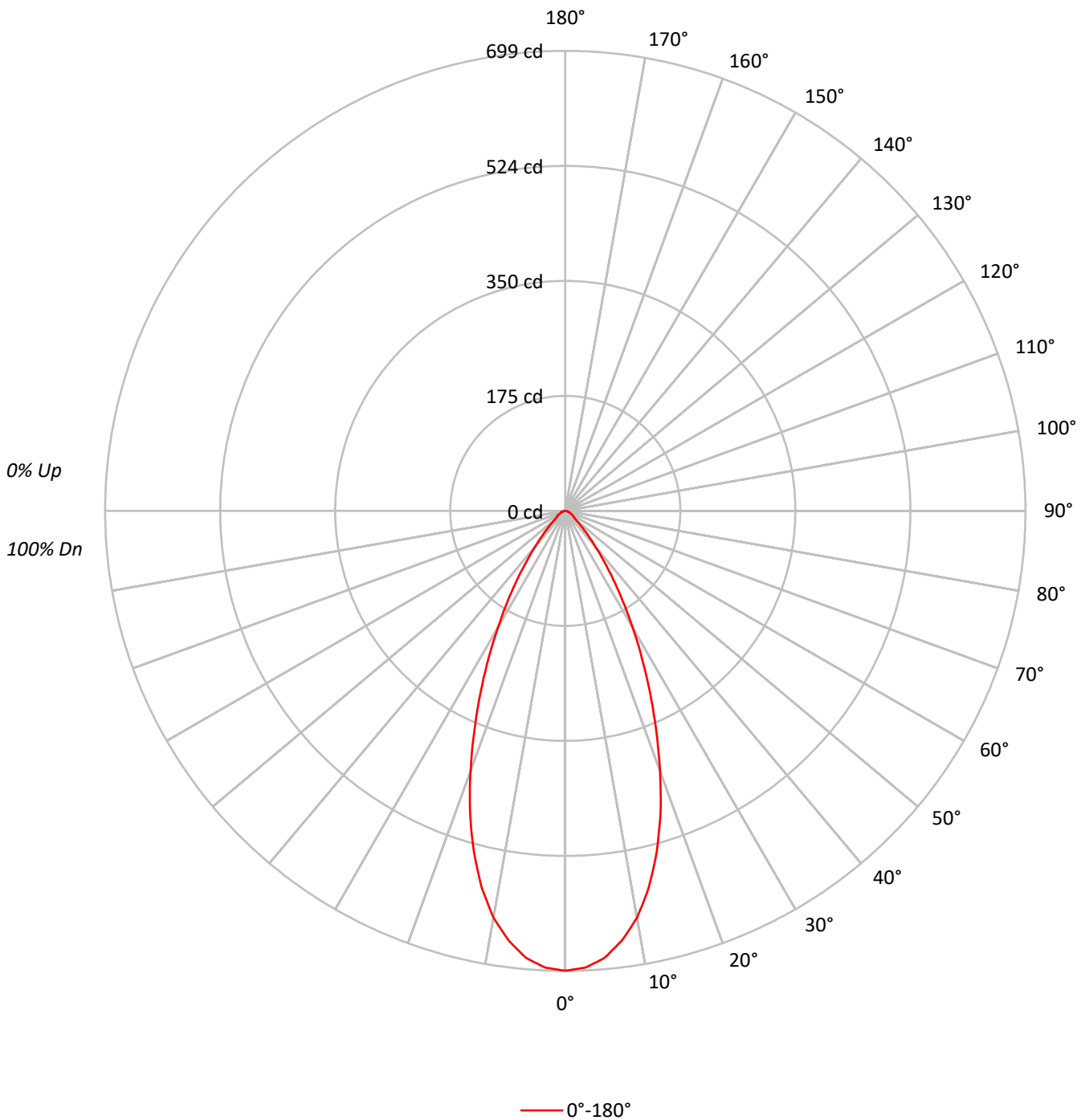
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 492.0 lumens
Efficiency: N/A
Efficacy: 33.5 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): 14.7
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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CATALOG NUMBER: P3AS09R409030D2WDE010 E3DLP1LI

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	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°	153189
5°	150099
10°	139744
15°	121794
20°	98172
25°	73577
30°	51729
35°	33890
40°	20524
45°	12249
50°	7300
55°	5887
60°	5307
65°	4514
70°	4296
75°	3389
80°	3410
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 12249 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.3	12.9
10°-20°	147.8	30.0
20°-30°	139.3	28.3
30°-40°	80.5	16.4
40°-50°	32.1	6.5
50°-60°	14.2	2.9
60°-70°	8.8	1.8
70°-80°	4.6	0.9
80°-90°	1.5	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°	350.4	71.2
0°-40°	430.9	87.6
0°-60°	477.2	97.0
0°-90°	492.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	492.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	699	
5°	682	63
15°	536	148
25°	304	139
35°	127	81
45°	40	32
55°	15	14
65°	9	9
75°	4	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	698.6
2.5°	694.6
5°	681.9
7.5°	658.4
10°	627.6
12.5°	586.1
15°	536.5
17.5°	480.9
20°	420.7
22.5°	360.4
25°	304.1
27.5°	251.9
30°	204.3
32.5°	162.8
35°	126.6
37.5°	95.8
40°	71.7
42.5°	53.6
45°	39.5
47.5°	28.8
50°	21.4
52.5°	17.4
55°	15.4
57.5°	14.1
60°	12.1
62.5°	10.0
65°	8.7
67.5°	7.4
70°	6.7
72.5°	5.4
75°	4.0
77.5°	3.3
80°	2.7
82.5°	2.0
85°	1.3
87.5°	0.7
90°	0.0

(END OF REPORT)