

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: P1286897

Luminaire Tested: P3AS09R509030D2WDE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286897
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-31)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R509030D2WDE010 E3DL1GPH
Description: 3in Adjustable Dim to Warm LED luminaire with, R50 optic, 3000K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

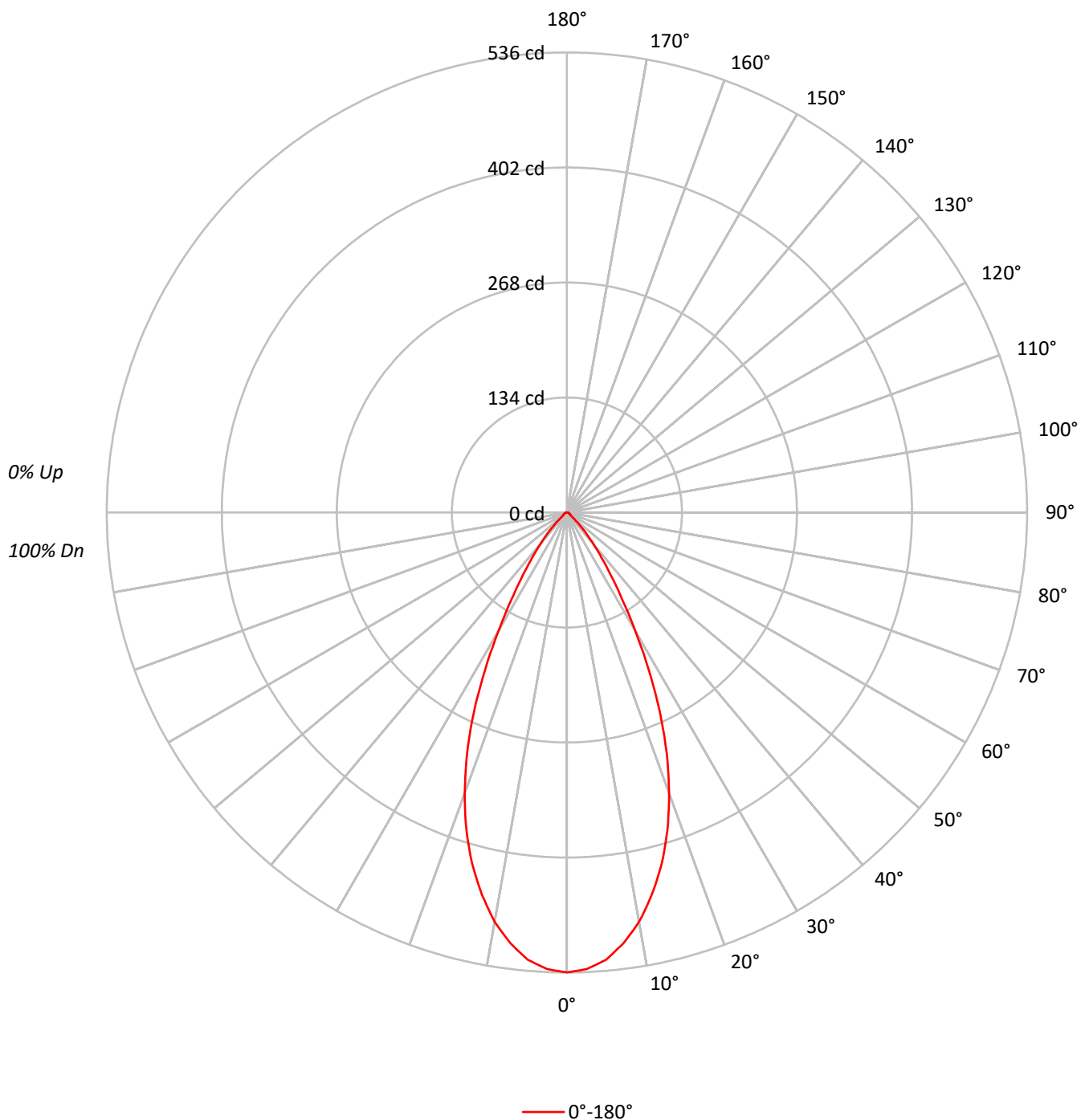
Lumens per Lamp: N/A
Luminaire Lumens: 369.0 lumens
Efficiency: N/A
Efficacy: 25.1 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.75
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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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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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	114	111	108	106	111	109	106	104	105	103	101		101	99	98		97
2	108	103	99	96	106	102	98	95	98	95	93		95	93	91		93
3	103	97	92	88	101	95	91	87	93	89	86		90	87	84		88
4	98	91	85	81	96	90	85	81	87	83	80		85	82	79		84
5	93	85	80	75	92	84	79	75	83	78	74		81	77	74		79
6	89	80	75	71	88	80	74	70	78	73	70		77	73	69		75
7	85	76	70	66	84	75	70	66	74	69	66		73	69	65		72
8	81	72	66	62	80	71	66	62	70	65	62		69	65	62		68
9	78	68	63	59	76	68	62	59	67	62	59		66	62	58		65
10	74	65	59	56	73	65	59	56	64	59	55		63	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	117491
5°	115122
10°	107836
15°	96527
20°	81230
25°	61987
30°	40285
35°	23878
40°	13797
45°	6915
50°	2559
55°	1988
60°	1886
65°	1712
70°	1667
75°	1694
80°	1642
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6915 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.7	13.2
10°-20°	117.6	31.9
20°-30°	115.4	31.3
30°-40°	58.1	15.7
40°-50°	18.4	5.0
50°-60°	4.8	1.3
60°-70°	3.4	0.9
70°-80°	2.1	0.6
80°-90°	0.7	0.2
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°	281.6	76.3
0°-40°	339.7	92.1
0°-60°	362.8	98.3
0°-90°	369.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	369.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	536	
5°	523	49
15°	425	118
25°	256	115
35°	89	58
45°	22	18
55°	5	5
65°	3	3
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	535.8
2.5°	532.5
5°	523.0
7.5°	505.9
10°	484.3
12.5°	456.4
15°	425.2
17.5°	389.1
20°	348.1
22.5°	303.8
25°	256.2
27.5°	205.7
30°	159.1
32.5°	119.8
35°	89.2
37.5°	65.9
40°	48.2
42.5°	34.1
45°	22.3
47.5°	12.8
50°	7.5
52.5°	5.6
55°	5.2
57.5°	4.6
60°	4.3
62.5°	3.9
65°	3.3
67.5°	3.0
70°	2.6
72.5°	2.3
75°	2.0
77.5°	1.6
80°	1.3
82.5°	1.0
85°	0.7
87.5°	0.3
90°	0.0

(END OF REPORT)