

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: P1286159

Luminaire Tested: P3AS02R409030D2WDE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286159
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R409030D2WDE010 E3DLD1GPH
Description: 3in Adjustable Dim to Warm LED luminaire with, R40 optic, 3000K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

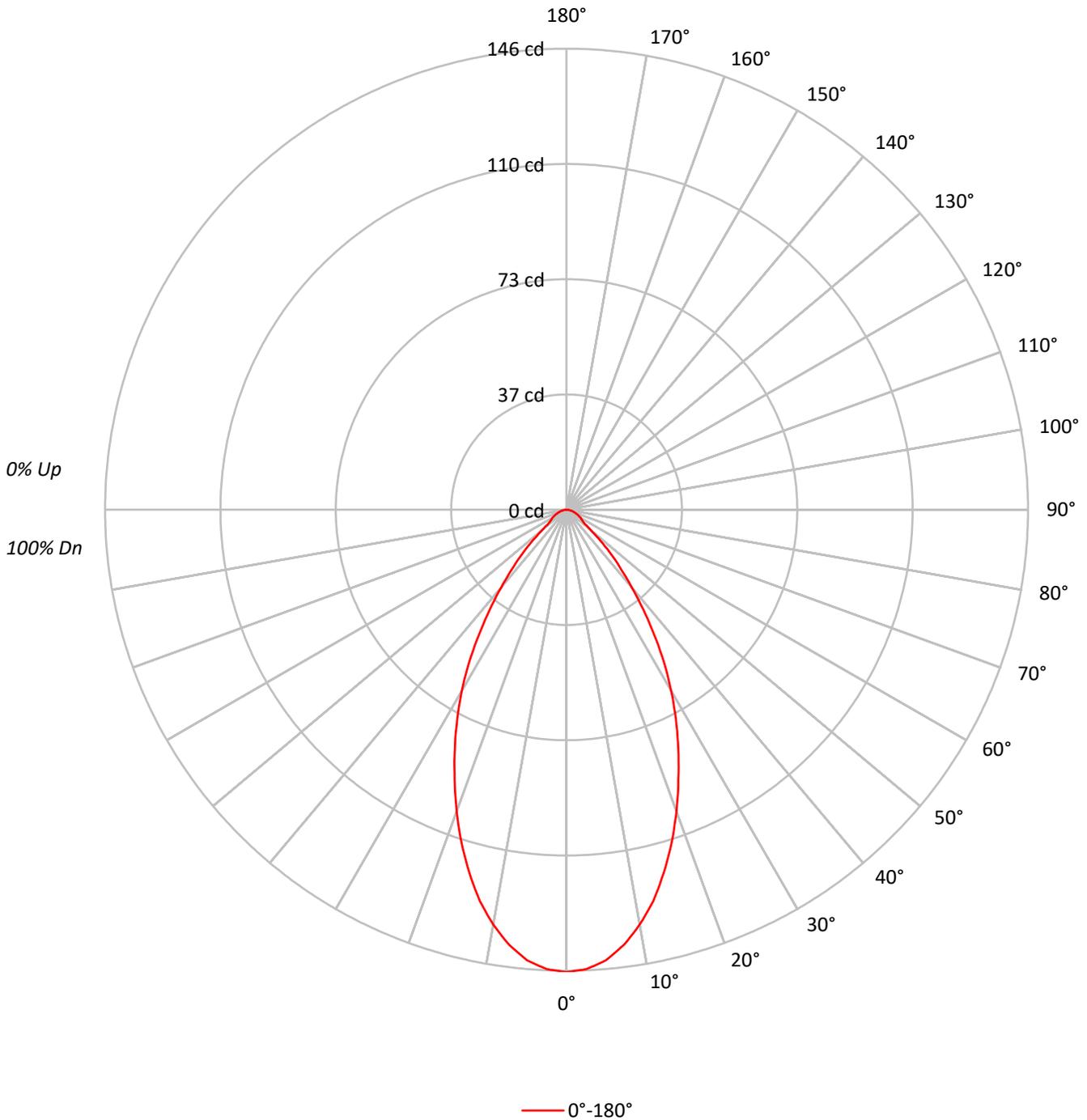
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 143.0 lumens
Efficiency: N/A
Efficacy: 19.9 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91				91
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83				83
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76				76
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69				69
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64				64
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59				59
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55				55
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51				51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48				48
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45				45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	32103
5°	31521
10°	29703
15°	26992
20°	23709
25°	20251
30°	16762
35°	12930
40°	9217
45°	6202
50°	3377
55°	2370
60°	2237
65°	2075
70°	1859
75°	1779
80°	1389
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 6202 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.4	9.3
10°-20°	33.1	23.2
20°-30°	38.3	26.8
30°-40°	30.2	21.1
40°-50°	15.5	10.8
50°-60°	5.9	4.1
60°-70°	3.9	2.7
70°-80°	2.1	1.5
80°-90°	0.6	0.4
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°	84.8	59.3
0°-40°	114.9	80.3
0°-60°	136.3	95.3
0°-90°	143.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	143.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	146	
5°	143	13
15°	119	33
25°	84	38
35°	48	30
45°	20	15
55°	6	6
65°	4	4
75°	2	2
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	146.4
2.5°	145.6
5°	143.2
7.5°	139.0
10°	133.4
12.5°	126.9
15°	118.9
17.5°	110.6
20°	101.6
22.5°	92.5
25°	83.7
27.5°	74.9
30°	66.2
32.5°	57.4
35°	48.3
37.5°	39.8
40°	32.2
42.5°	25.6
45°	20.0
47.5°	14.6
50°	9.9
52.5°	7.2
55°	6.2
57.5°	5.6
60°	5.1
62.5°	4.5
65°	4.0
67.5°	3.4
70°	2.9
72.5°	2.4
75°	2.1
77.5°	1.6
80°	1.1
82.5°	1.0
85°	0.5
87.5°	0.3
90°	0.0

(END OF REPORT)