

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: P1261572

Luminaire Tested: P3AS02R459727DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261572
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R459727DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 2700K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

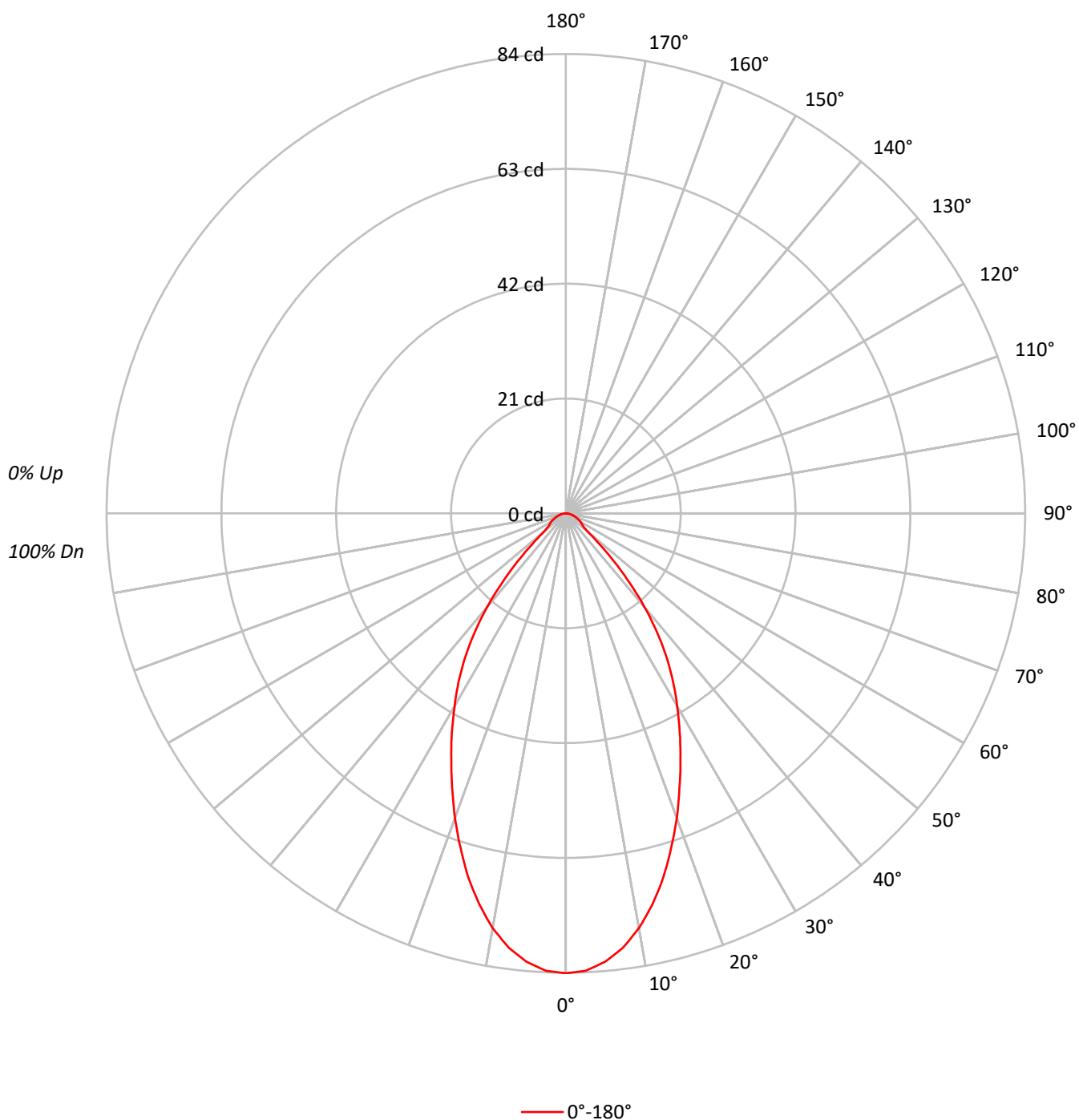
Lumens per Lamp: N/A
Luminaire Lumens: 87.0 lumens
Efficiency: N/A
Efficacy: 24.2 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	112	109	106	104	110	107	104	102	103	101	99		99	97	96		96
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	82	97	91	85	81	88	83	80		85	81	78		83
4	94	85	78	74	92	84	78	73	81	76	72		79	75	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	65		72
6	83	73	66	61	81	72	66	61	71	65	61		69	64	60		68
7	78	68	61	57	77	67	61	56	66	60	56		65	60	56		64
8	74	64	57	52	73	63	57	52	62	56	52		61	56	52		60
9	70	60	53	49	69	59	53	49	58	52	48		57	52	48		56
10	67	56	50	45	66	56	50	45	55	49	45		54	49	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	18442
5°	18116
10°	17145
15°	15641
20°	13838
25°	12001
30°	10305
35°	8593
40°	6412
45°	3907
50°	1808
55°	1415
60°	1360
65°	1245
70°	1154
75°	1101
80°	1010
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3907 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.7	8.8
10°-20°	19.2	22.1
20°-30°	22.8	26.2
30°-40°	19.8	22.8
40°-50°	9.9	11.4
50°-60°	3.4	4.0
60°-70°	2.4	2.8
70°-80°	1.3	1.5
80°-90°	0.4	0.5
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°	49.6	57.1
0°-40°	69.5	79.9
0°-60°	82.8	95.2
0°-90°	87.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	87.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	84	
5°	82	8
15°	69	19
25°	50	23
35°	32	20
45°	13	10
55°	4	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	84.1
2.5°	83.7
5°	82.3
7.5°	80.1
10°	77.0
12.5°	73.2
15°	68.9
17.5°	64.1
20°	59.3
22.5°	54.3
25°	49.6
27.5°	45.1
30°	40.7
32.5°	36.5
35°	32.1
37.5°	27.4
40°	22.4
42.5°	17.4
45°	12.6
47.5°	8.3
50°	5.3
52.5°	4.1
55°	3.7
57.5°	3.4
60°	3.1
62.5°	2.8
65°	2.4
67.5°	2.1
70°	1.8
72.5°	1.5
75°	1.3
77.5°	1.0
80°	0.8
82.5°	0.6
85°	0.3
87.5°	0.2
90°	0.0

(END OF REPORT)