

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: P1272893

Luminaire Tested: P3AS02R159830DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272893
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R159830DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

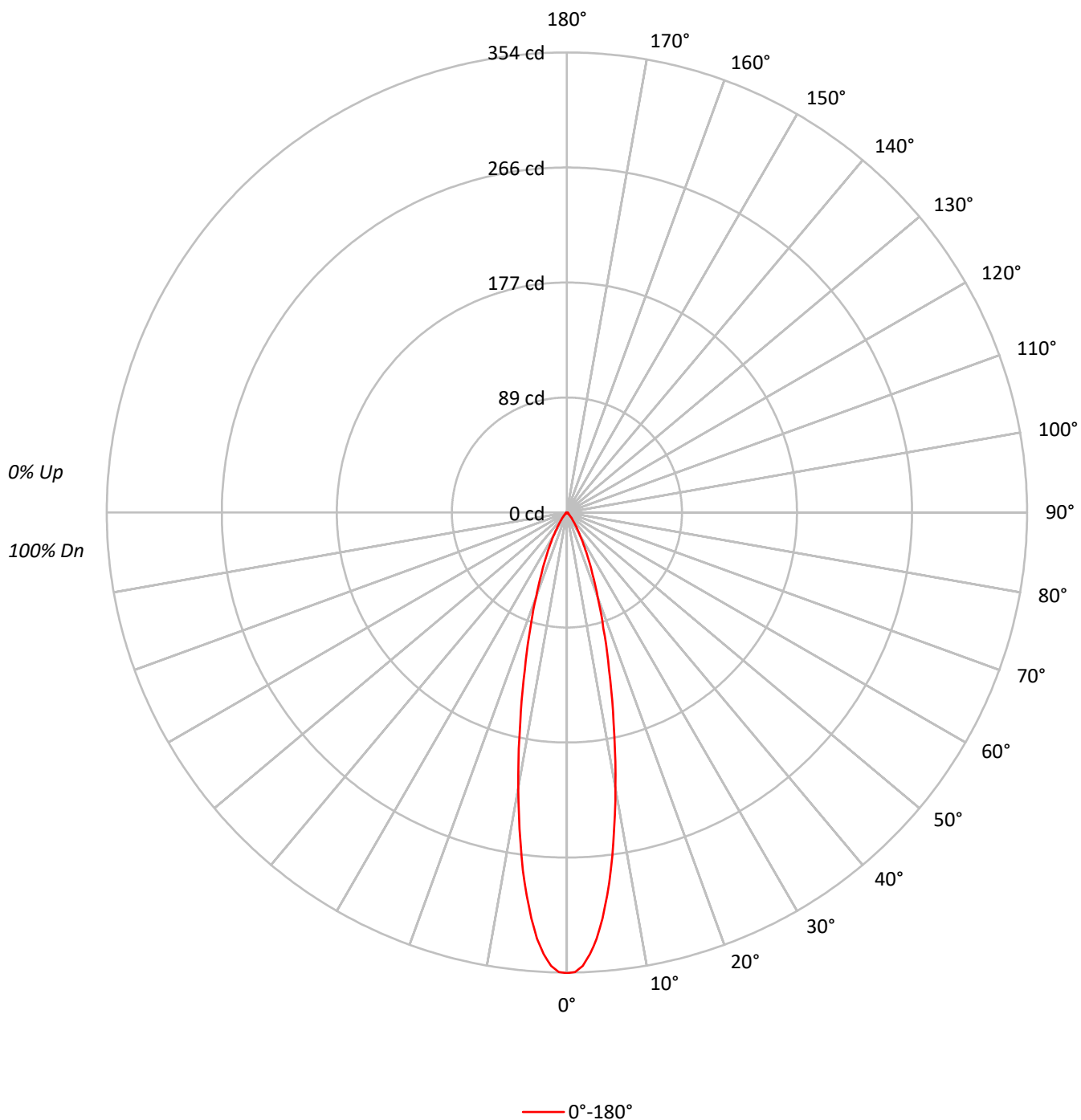
Lumens per Lamp: N/A
Luminaire Lumens: 91.0 lumens
Efficiency: N/A
Efficacy: 25.3 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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			0
RW	70	50	30	10	70	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
1	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99	98	97	95
2	110	106	103	100	108	104	101	99	101	99	97		98	96	95		96	94	93	91
3	106	101	97	93	104	99	96	93	97	94	91		94	92	90		92	90	88	87
4	102	96	91	88	100	95	91	88	93	89	87		91	88	86		89	87	85	83
5	98	92	87	84	97	91	87	83	89	85	83		88	84	82		86	83	81	80
6	95	88	83	80	94	87	83	80	86	82	79		85	81	79		83	80	78	77
7	92	85	80	77	91	84	80	76	83	79	76		82	78	76		81	78	75	74
8	89	81	77	74	88	81	77	73	80	76	73		79	75	73		78	75	73	71
9	86	79	74	71	85	78	74	71	77	73	71		77	73	70		76	73	70	69
10	83	76	71	68	83	76	71	68	75	71	68		74	71	68		74	70	68	67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	77735
5°	69007
10°	47917
15°	28332
20°	16148
25°	9218
30°	5115
35°	2730
40°	1517
45°	806
50°	512
55°	421
60°	351
65°	311
70°	256
75°	339
80°	253
85°	252

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 806 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.7	29.3
10°-20°	35.2	38.6
20°-30°	18.1	19.9
30°-40°	6.8	7.5
40°-50°	2.2	2.4
50°-60°	1.0	1.1
60°-70°	0.6	0.7
70°-80°	0.4	0.4
80°-90°	0.1	0.1
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°	79.9	87.8
0°-40°	86.8	95.3
0°-60°	90.0	98.8
0°-90°	91.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	91.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	354	
5°	314	27
15°	125	35
25°	38	18
35°	10	7
45°	3	2
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	354.5
1°	353.8
2°	349.2
3°	340.3
4°	328.7
5°	313.5
6°	296.3
7°	277.5
8°	256.5
9°	235.8
10°	215.2
12.5°	165.6
15°	124.8
17.5°	93.4
20°	69.2
22.5°	51.6
25°	38.1
27.5°	27.8
30°	20.2
32.5°	14.3
35°	10.2
37.5°	7.3
40°	5.3
42.5°	3.8
45°	2.6
47.5°	1.9
50°	1.5
52.5°	1.2
55°	1.1
57.5°	0.9
60°	0.8
62.5°	0.7
65°	0.6
67.5°	0.5
70°	0.4
72.5°	0.4
75°	0.4
77.5°	0.3
80°	0.2
82.5°	0.2
85°	0.1
87.5°	0.0
90°	0.0

(END OF REPORT)