

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: P1270823

Luminaire Tested: P3AS02R159827DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270823
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: P3AS02R159827DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

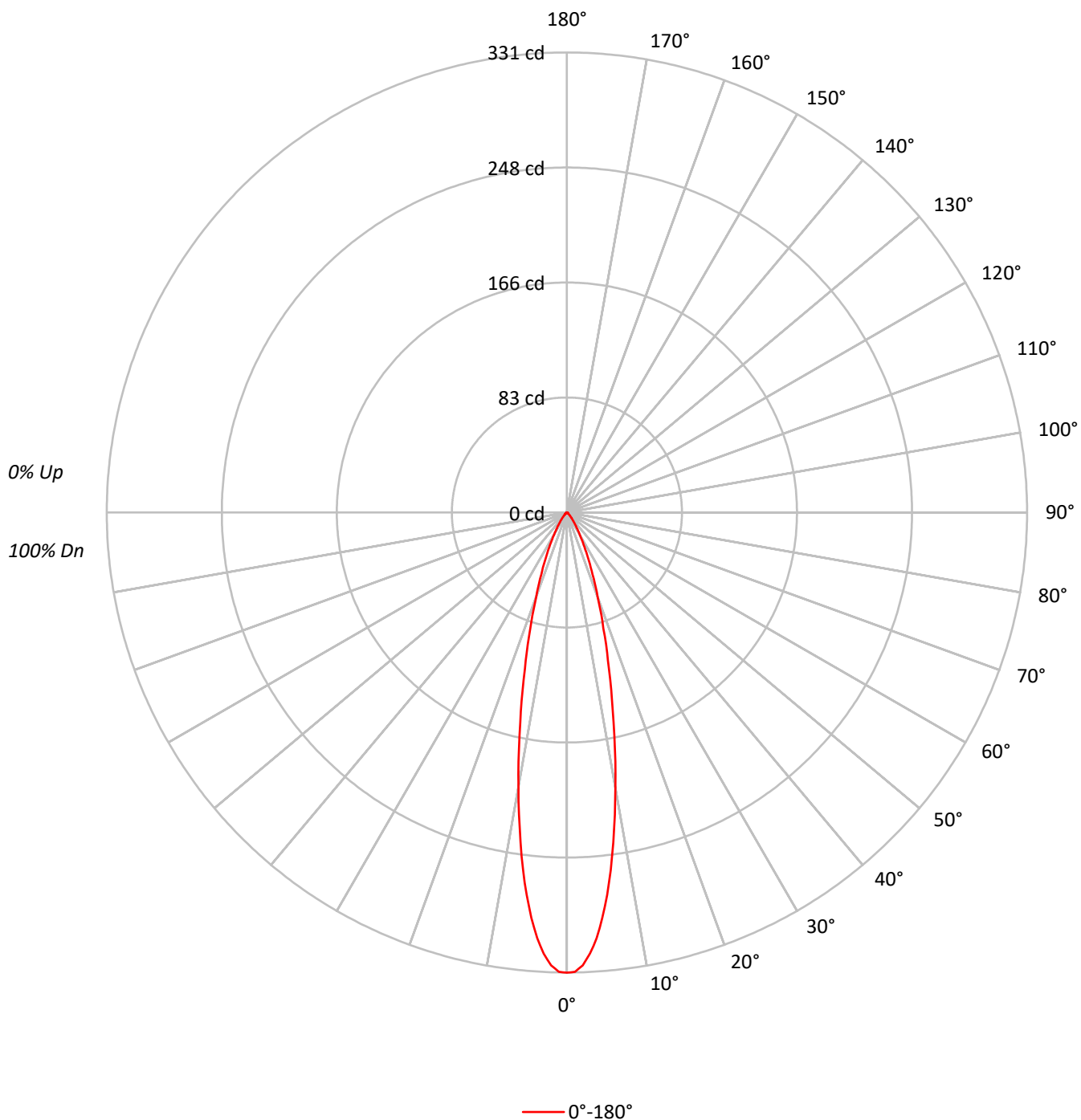
Lumens per Lamp: N/A
Luminaire Lumens: 85.0 lumens
Efficiency: N/A
Efficacy: 23.6 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	72604
5°	64451
10°	44755
15°	26470
20°	15075
25°	8613
30°	4760
35°	2543
40°	1403
45°	775
50°	478
55°	382
60°	307
65°	311
70°	256
75°	254
80°	253
85°	252

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 775 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.9	29.3
10°-20°	32.9	38.7
20°-30°	16.9	19.9
30°-40°	6.3	7.5
40°-50°	2.1	2.5
50°-60°	0.9	1.0
60°-70°	0.6	0.7
70°-80°	0.3	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°	74.7	87.9
0°-40°	81.0	95.3
0°-60°	84.0	98.8
0°-90°	85.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	85.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	331	
5°	293	25
15°	117	33
25°	36	17
35°	10	6
45°	2	2
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	331.1
1°	330.5
2°	326.1
3°	317.9
4°	307.0
5°	292.8
6°	276.8
7°	259.2
8°	239.6
9°	220.3
10°	201.0
12.5°	154.7
15°	116.6
17.5°	87.3
20°	64.6
22.5°	48.2
25°	35.6
27.5°	26.0
30°	18.8
32.5°	13.3
35°	9.5
37.5°	6.8
40°	4.9
42.5°	3.5
45°	2.5
47.5°	1.8
50°	1.4
52.5°	1.1
55°	1.0
57.5°	0.8
60°	0.7
62.5°	0.7
65°	0.6
67.5°	0.5
70°	0.4
72.5°	0.4
75°	0.3
77.5°	0.2
80°	0.2
82.5°	0.2
85°	0.1
87.5°	0.0
90°	0.0

(END OF REPORT)