

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: P1270881

Luminaire Tested: P3AS02R259827DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270881
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R259827DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

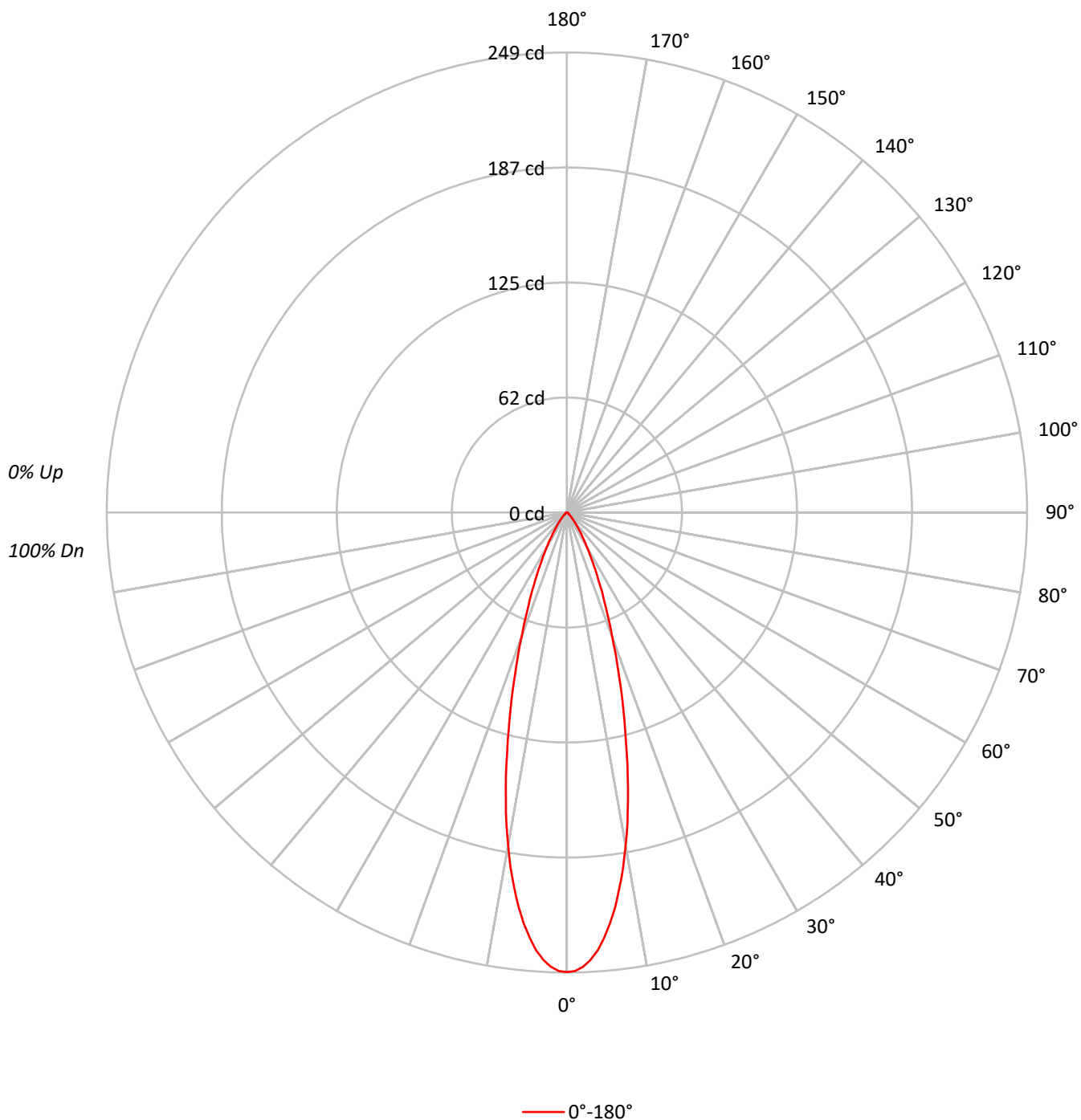
Lumens per Lamp: N/A
Luminaire Lumens: 85.0 lumens
Efficiency: N/A
Efficacy: 23.6 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	86	81	78	84	80	77		83	79	77		82
7	90	83	78	74	89	82	77	74	81	77	74		80	76	73		79
8	87	79	74	71	86	79	74	71	78	74	71		77	73	70		76
9	84	76	71	68	83	76	71	68	75	71	68		74	70	68		73
10	81	73	69	65	80	73	68	65	72	68	65		72	68	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	54535
5°	50869
10°	40747
15°	27651
20°	16731
25°	9799
30°	5570
35°	3078
40°	1632
45°	868
50°	512
55°	382
60°	307
65°	311
70°	321
75°	254
80°	253
85°	252

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 868 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.5	24.1
10°-20°	33.5	39.4
20°-30°	19.2	22.5
30°-40°	7.6	8.9
40°-50°	2.3	2.7
50°-60°	0.9	1.1
60°-70°	0.6	0.7
70°-80°	0.3	0.4
80°-90°	0.1	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°	73.2	86.1
0°-40°	80.7	95.0
0°-60°	83.9	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°	249	
5°	231	21
15°	122	33
25°	40	19
35°	12	8
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°	248.7
1°	248.2
2°	246.1
3°	242.6
4°	237.6
5°	231.1
6°	223.5
7°	214.9
8°	204.9
9°	194.6
10°	183.0
11°	171.6
12°	159.0
13°	146.5
14°	133.8
15°	121.8
17.5°	94.5
20°	71.7
22.5°	53.9
25°	40.5
27.5°	30.0
30°	22.0
32.5°	15.9
35°	11.5
37.5°	8.1
40°	5.7
42.5°	3.9
45°	2.8
47.5°	1.9
50°	1.5
52.5°	1.1
55°	1.0
57.5°	0.9
60°	0.7
62.5°	0.6
65°	0.6
67.5°	0.6
70°	0.5
72.5°	0.4
75°	0.3
77.5°	0.2
80°	0.2
82.5°	0.2
85°	0.1
87.5°	0.1



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)