

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: P1270925

Luminaire Tested: P3AS02R309827DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270925
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R309827DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

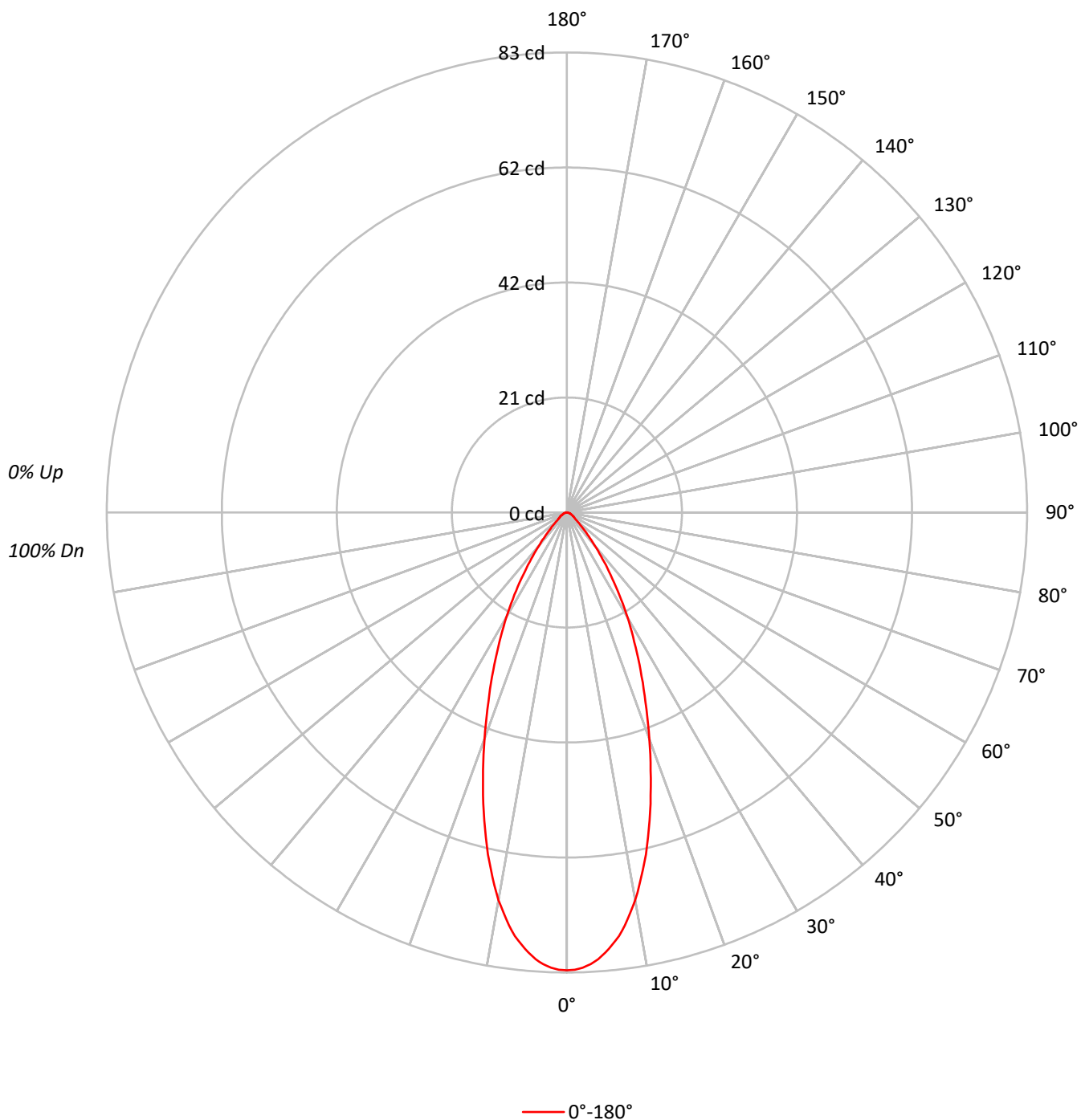
Lumens per Lamp: N/A
Luminaire Lumens: 53.0 lumens
Efficiency: N/A
Efficacy: 14.7 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	85	91	87	84		89	86	83		87
4	97	89	83	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	73	68	64	72	67	63		71	66	63		70
8	80	70	64	60	78	70	64	60	68	63	60		67	63	59		66
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	57	54	72	63	57	54	62	57	53		61	57	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	18113
5°	17543
10°	15809
15°	13076
20°	10128
25°	7597
30°	5520
35°	3667
40°	2261
45°	1333
50°	819
55°	650
60°	570
65°	467
70°	449
75°	424
80°	253
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1333 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.3	13.8
10°-20°	15.9	29.9
20°-30°	14.4	27.2
30°-40°	8.7	16.4
40°-50°	3.5	6.6
50°-60°	1.6	2.9
60°-70°	0.9	1.8
70°-80°	0.5	1.0
80°-90°	0.2	0.3
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°	37.6	71.0
0°-40°	46.4	87.4
0°-60°	51.4	97.0
0°-90°	53.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	53.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	83	
5°	80	7
15°	58	16
25°	31	14
35°	14	9
45°	4	4
55°	2	2
65°	1	1
75°	0	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	82.6
1°	82.5
2°	82.2
3°	81.6
4°	80.8
5°	79.7
6°	78.4
7°	77.0
8°	75.2
9°	73.1
10°	71.0
11°	68.5
12°	65.9
13°	63.3
14°	60.4
15°	57.6
17.5°	50.3
20°	43.4
22.5°	37.0
25°	31.4
27.5°	26.3
30°	21.8
32.5°	17.6
35°	13.7
37.5°	10.5
40°	7.9
42.5°	5.8
45°	4.3
47.5°	3.2
50°	2.4
52.5°	1.9
55°	1.7
57.5°	1.5
60°	1.3
62.5°	1.1
65°	0.9
67.5°	0.8
70°	0.7
72.5°	0.6
75°	0.5
77.5°	0.4
80°	0.2
82.5°	0.2
85°	0.2
87.5°	0.1



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)