

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: P1255198

Luminaire Tested: P3AS17R559035DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255198
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R559035DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

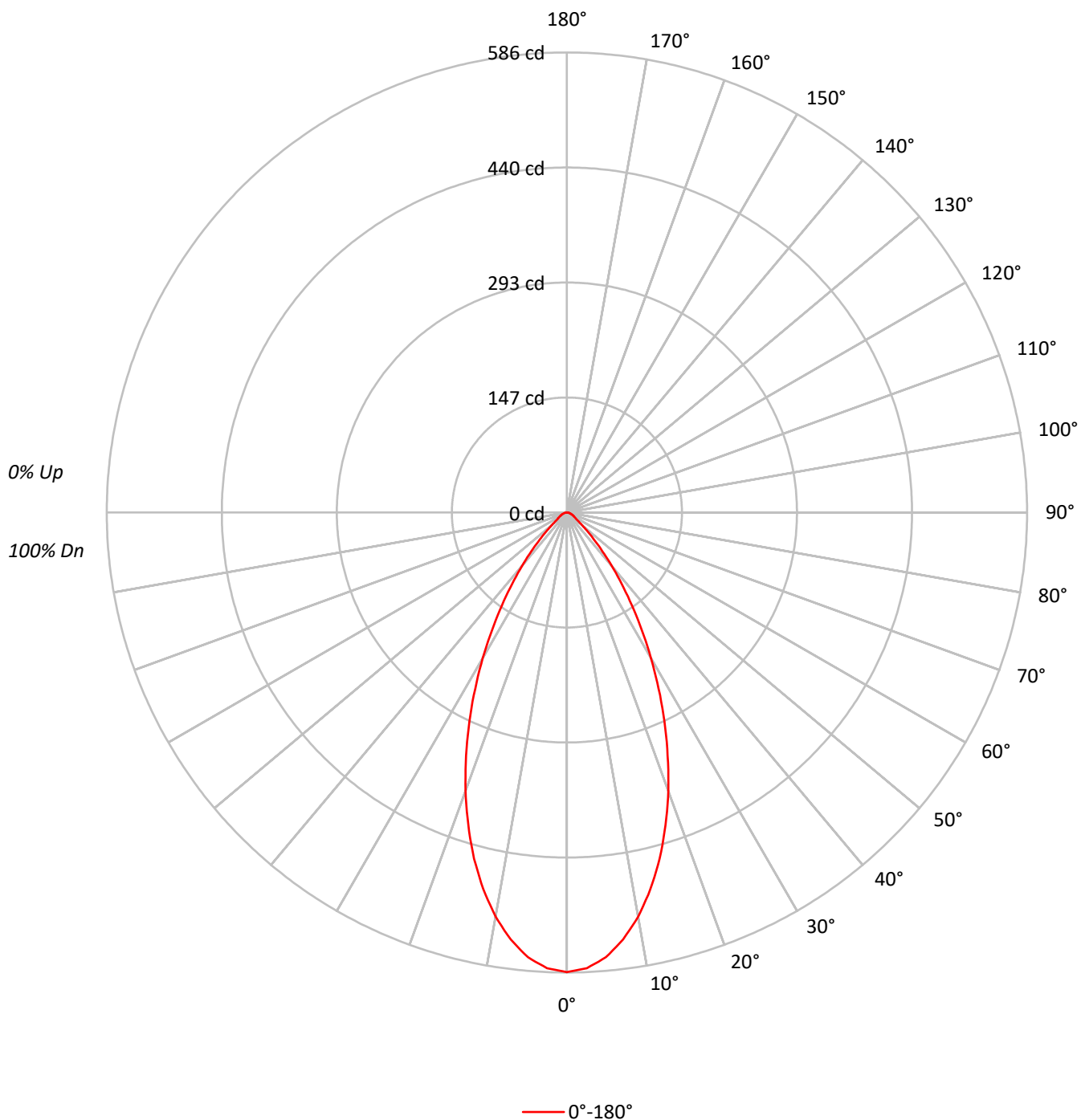
Lumens per Lamp: N/A
Luminaire Lumens: 471.9 lumens
Efficiency: N/A
Efficacy: 22.3 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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				0
RW	70	50	30	10	70	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		100
1	113	110	107	105	110	108	105	103	104	102	100		100	98	97		92
2	107	102	97	94	105	100	96	93	97	93	91		94	91	89		85
3	101	94	89	85	99	93	88	84	90	86	83		88	84	81		79
4	96	88	82	77	94	87	81	77	84	80	76		82	78	75		73
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		67
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		63
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		59
8	78	68	62	57	76	67	61	57	66	61	57		65	60	57		55
9	74	64	58	54	73	63	58	54	62	57	53		62	57	53		52
10	70	60	55	51	69	60	54	50	59	54	50		58	54	50		49

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	128389
5°	125181
10°	116364
15°	103633
20°	88068
25°	71061
30°	54186
35°	38548
40°	25419
45°	15071
50°	8836
55°	5467
60°	4824
65°	4358
70°	3719
75°	3304
80°	3283
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15071 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.8	11.2
10°-20°	126.6	26.8
20°-30°	134.0	28.4
30°-40°	90.6	19.2
40°-50°	39.7	8.4
50°-60°	14.2	3.0
60°-70°	8.3	1.8
70°-80°	4.4	0.9
80°-90°	1.4	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°	313.4	66.4
0°-40°	404.0	85.6
0°-60°	457.9	97.0
0°-90°	471.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	471.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	586	
5°	569	53
15°	456	127
25°	294	134
35°	144	91
45°	49	40
55°	14	14
65°	8	8
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	585.5
2.5°	581.0
5°	568.7
7.5°	548.6
10°	522.6
12.5°	491.5
15°	456.5
17.5°	417.6
20°	377.4
22.5°	335.2
25°	293.7
27.5°	252.9
30°	214.0
32.5°	177.0
35°	144.0
37.5°	114.1
40°	88.8
42.5°	66.8
45°	48.6
47.5°	35.7
50°	25.9
52.5°	18.2
55°	14.3
57.5°	13.0
60°	11.0
62.5°	9.7
65°	8.4
67.5°	7.1
70°	5.8
72.5°	5.2
75°	3.9
77.5°	3.2
80°	2.6
82.5°	1.9
85°	1.3
87.5°	0.6
90°	0.0

(END OF REPORT)