

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: P1249784

Luminaire Tested: P3AS17R559027DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249784
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: P3AS17R559027DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

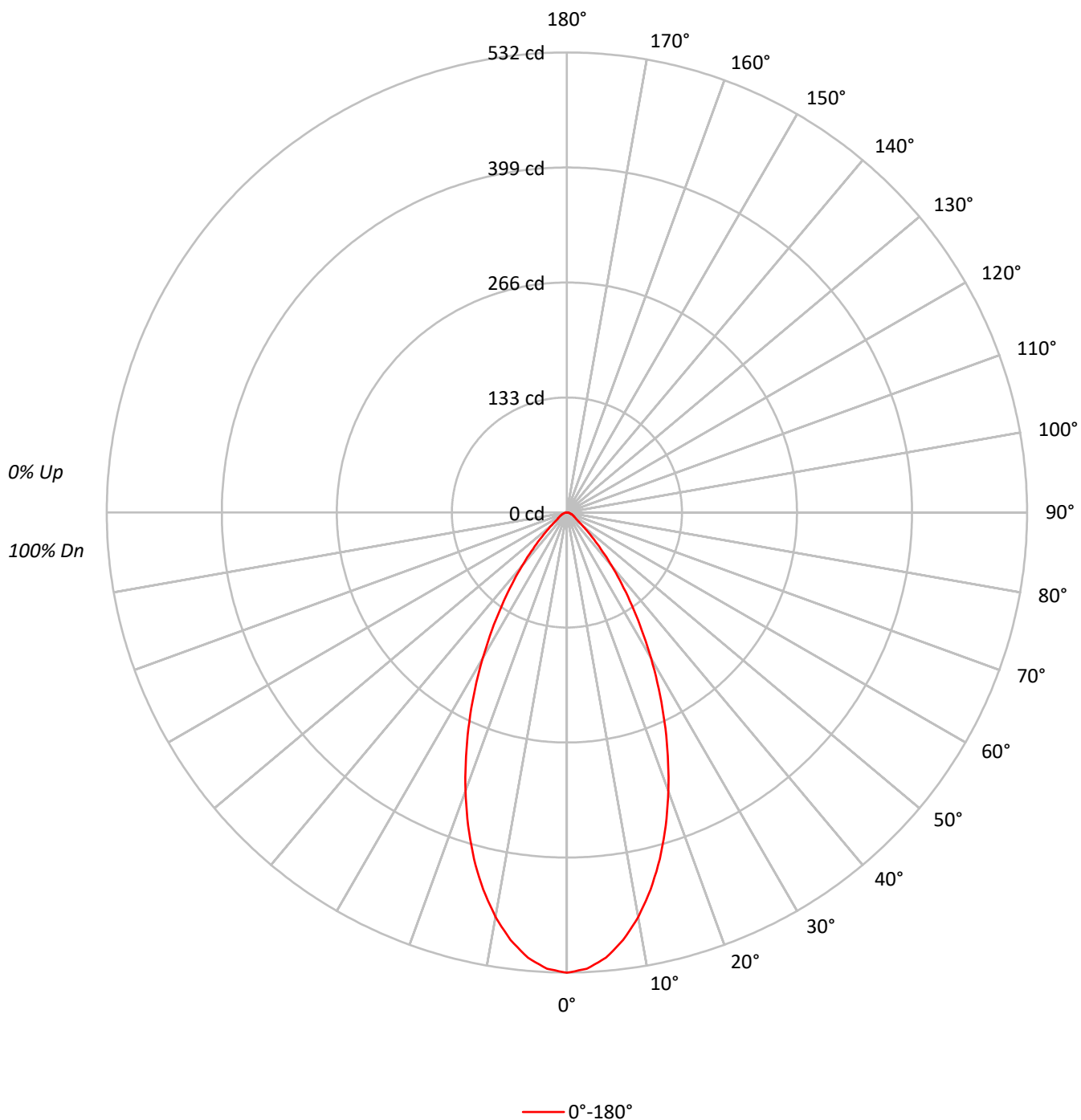
Lumens per Lamp: N/A
Luminaire Lumens: 429.0 lumens
Efficiency: N/A
Efficacy: 20.2 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	116701
5°	113779
10°	105765
15°	94189
20°	80040
25°	64601
30°	49248
35°	35014
40°	23100
45°	13707
50°	8051
55°	4970
60°	4386
65°	3995
70°	3398
75°	2965
80°	3031
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13707 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.0	11.2
10°-20°	115.0	26.8
20°-30°	121.8	28.4
30°-40°	82.3	19.2
40°-50°	36.1	8.4
50°-60°	12.9	3.0
60°-70°	7.6	1.8
70°-80°	3.9	0.9
80°-90°	1.3	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°	284.9	66.4
0°-40°	367.2	85.6
0°-60°	416.2	97.0
0°-90°	429.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	429.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	532	
5°	517	48
15°	415	115
25°	267	122
35°	131	82
45°	44	36
55°	13	13
65°	8	8
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	532.2
2.5°	528.1
5°	516.9
7.5°	498.6
10°	475.0
12.5°	446.7
15°	414.9
17.5°	379.6
20°	343.0
22.5°	304.7
25°	267.0
27.5°	229.9
30°	194.5
32.5°	160.9
35°	130.8
37.5°	103.7
40°	80.7
42.5°	60.7
45°	44.2
47.5°	32.4
50°	23.6
52.5°	16.5
55°	13.0
57.5°	11.8
60°	10.0
62.5°	8.8
65°	7.7
67.5°	6.5
70°	5.3
72.5°	4.7
75°	3.5
77.5°	2.9
80°	2.4
82.5°	1.8
85°	1.2
87.5°	0.6
90°	0.0

(END OF REPORT)