

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: P1252537

Luminaire Tested: P3AS17R659030DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252537
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R659030DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

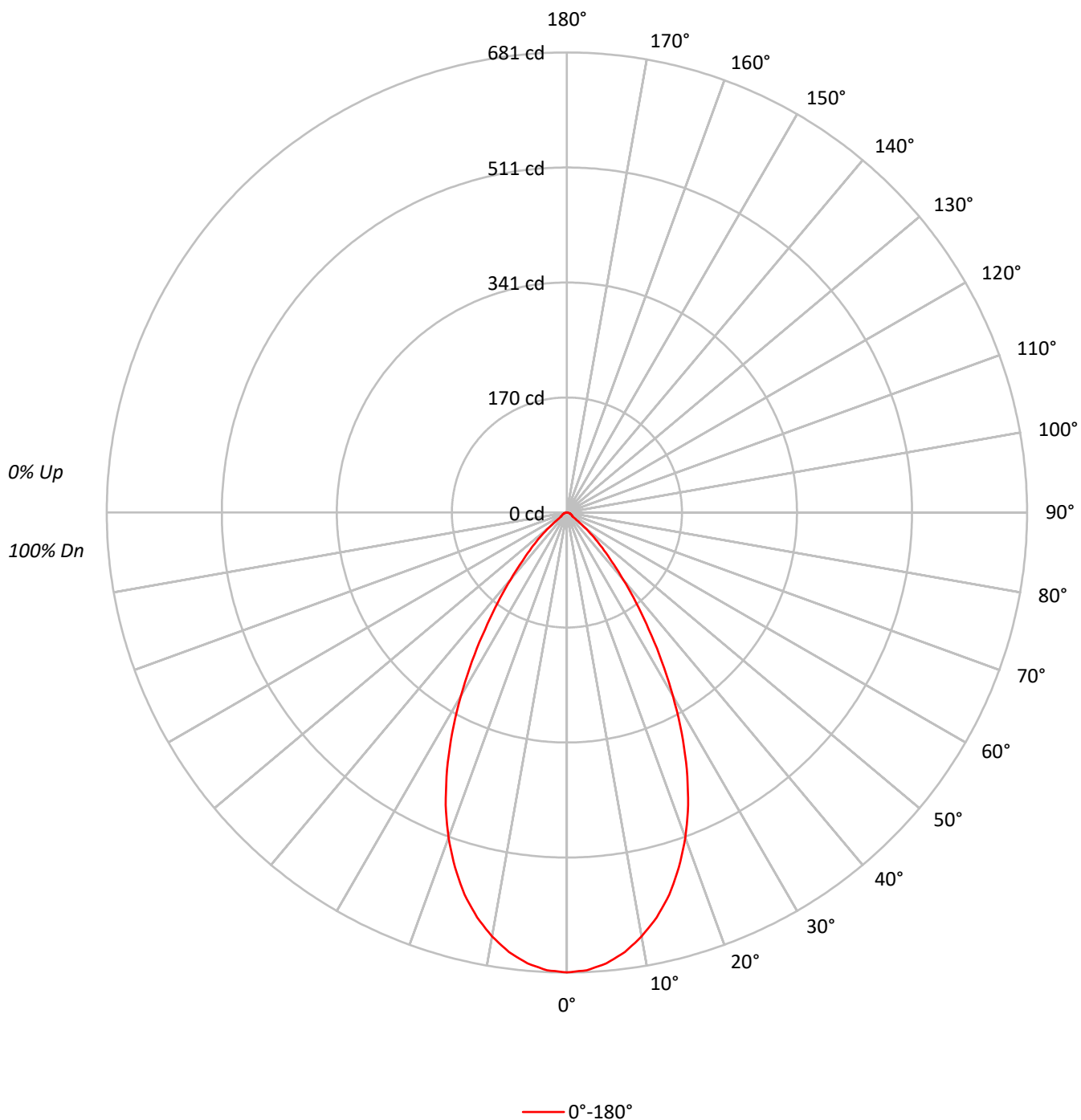
Lumens per Lamp: N/A
Luminaire Lumens: 633.0 lumens
Efficiency: N/A
Efficacy: 29.9 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	84	90	86	83		88	85	82		86
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		81
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	64	61		69	64	60		67
8	77	67	61	57	76	67	61	57	66	60	57		65	60	56		64
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		60
10	70	60	54	50	69	59	54	50	59	53	50		58	53	50		57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	149286
5°	147479
10°	141881
15°	132918
20°	119547
25°	101522
30°	79405
35°	56590
40°	37012
45°	22886
50°	11633
55°	4091
60°	3596
65°	3580
70°	3206
75°	3219
80°	3157
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22886 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.9	9.9
10°-20°	163.0	25.7
20°-30°	190.4	30.1
30°-40°	133.1	21.0
40°-50°	58.6	9.3
50°-60°	13.1	2.1
60°-70°	6.6	1.0
70°-80°	4.0	0.6
80°-90°	1.4	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°	416.3	65.8
0°-40°	549.4	86.8
0°-60°	621.0	98.1
0°-90°	633.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	633.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	681	
5°	670	63
15°	586	163
25°	420	190
35°	211	133
45°	74	59
55°	11	13
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	680.8
2.5°	678.2
5°	670.0
7.5°	656.2
10°	637.2
12.5°	613.9
15°	585.5
17.5°	550.8
20°	512.3
22.5°	468.8
25°	419.6
27.5°	367.8
30°	313.6
32.5°	261.2
35°	211.4
37.5°	167.8
40°	129.3
42.5°	97.8
45°	73.8
47.5°	54.3
50°	34.1
52.5°	17.7
55°	10.7
57.5°	9.5
60°	8.2
62.5°	7.6
65°	6.9
67.5°	5.7
70°	5.0
72.5°	4.4
75°	3.8
77.5°	3.2
80°	2.5
82.5°	1.9
85°	1.3
87.5°	0.6
90°	0.0

(END OF REPORT)