

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: P1272494

Luminaire Tested: P3AS17R659827DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272494
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: P3AS17R659827DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

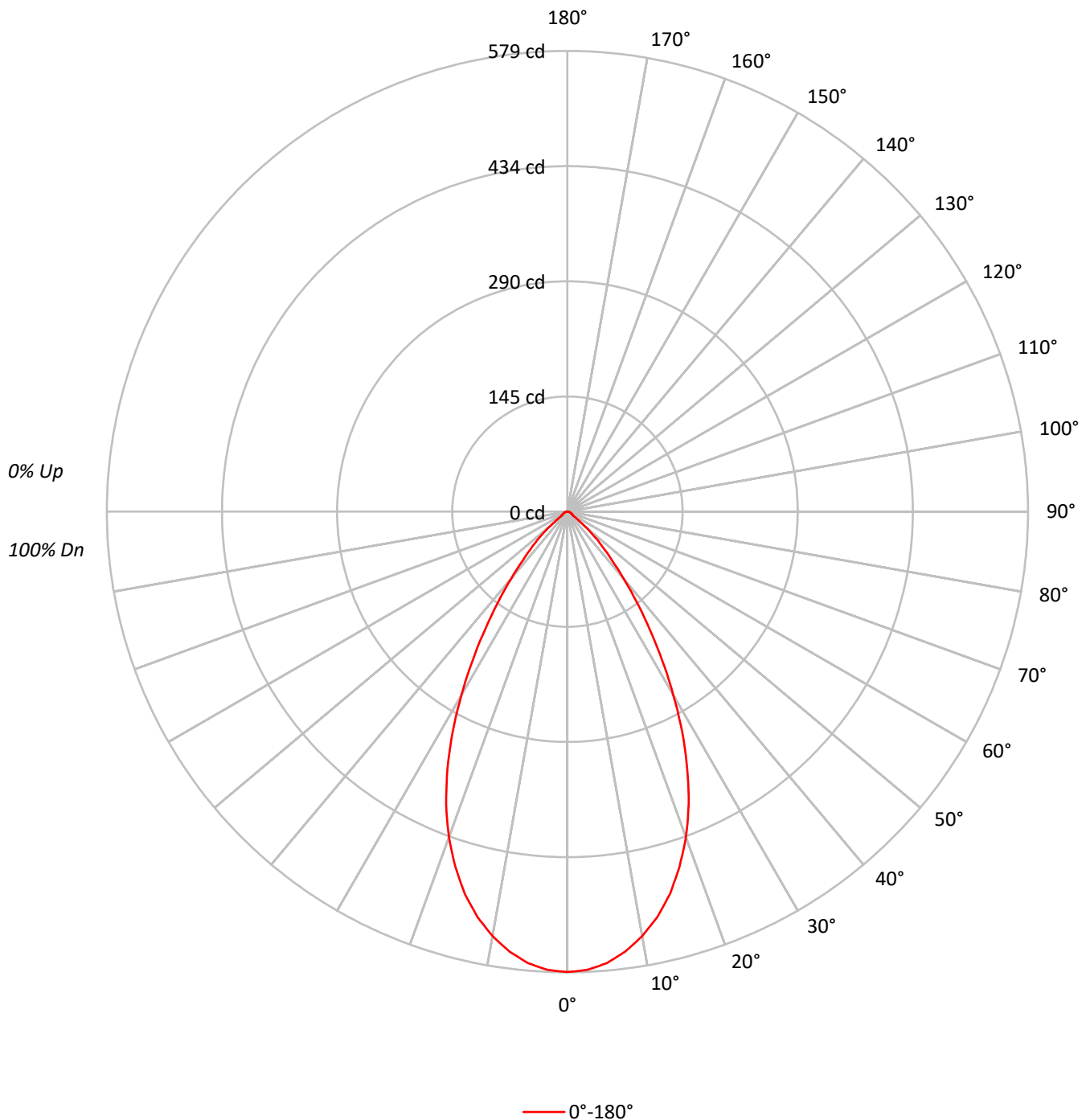
Lumens per Lamp: N/A
Luminaire Lumens: 537.9 lumens
Efficiency: N/A
Efficacy: 26.4 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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°	126876
5°	125357
10°	120595
15°	112963
20°	101602
25°	86279
30°	67479
35°	48078
40°	31459
45°	19444
50°	9893
55°	3479
60°	3070
65°	3061
70°	2757
75°	2711
80°	2652
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 19444 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.5	9.9
10°-20°	138.5	25.7
20°-30°	161.8	30.1
30°-40°	113.1	21.0
40°-50°	49.8	9.3
50°-60°	11.1	2.1
60°-70°	5.6	1.0
70°-80°	3.4	0.6
80°-90°	1.2	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°	353.8	65.8
0°-40°	466.9	86.8
0°-60°	527.8	98.1
0°-90°	537.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	537.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	579	
5°	570	53
15°	498	138
25°	357	162
35°	180	113
45°	63	50
55°	9	11
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	578.6
2.5°	576.5
5°	569.5
7.5°	557.7
10°	541.6
12.5°	521.8
15°	497.6
17.5°	468.1
20°	435.4
22.5°	398.4
25°	356.6
27.5°	312.6
30°	266.5
32.5°	222.0
35°	179.6
37.5°	142.6
40°	109.9
42.5°	83.1
45°	62.7
47.5°	46.1
50°	29.0
52.5°	15.0
55°	9.1
57.5°	8.0
60°	7.0
62.5°	6.4
65°	5.9
67.5°	4.8
70°	4.3
72.5°	3.8
75°	3.2
77.5°	2.7
80°	2.1
82.5°	1.6
85°	1.1
87.5°	0.5
90°	0.0

(END OF REPORT)