

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: P1255108

Luminaire Tested: P3AS17R409035DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255108
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R409035DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

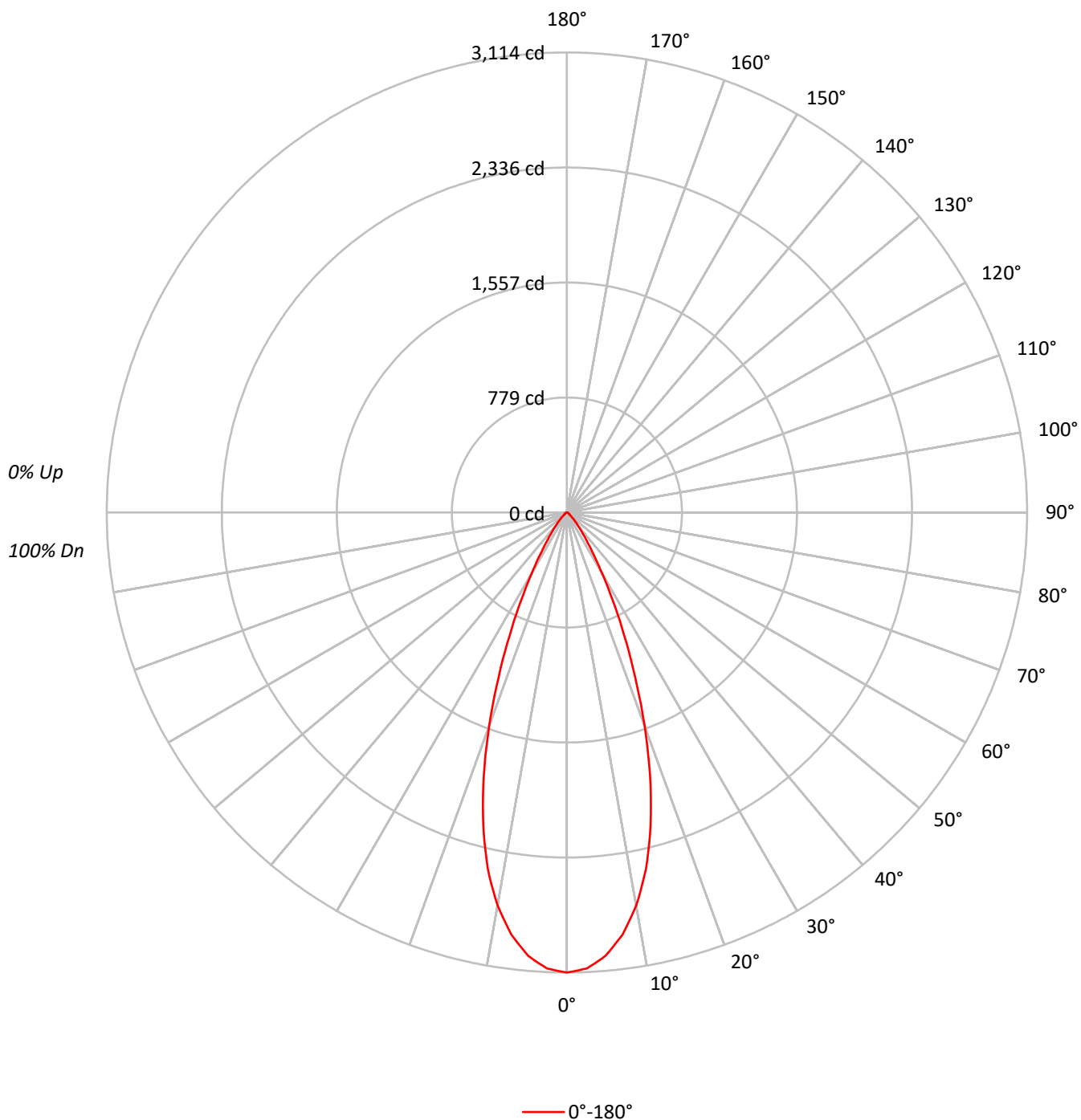
Lumens per Lamp: N/A
Luminaire Lumens: 1543.0 lumens
Efficiency: N/A
Efficacy: 72.8 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	111	109	107	112	109	107	105	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	104	99	94	91	102	97	93	90	95	91	88		92	89	87		90
4	100	93	88	85	98	92	88	84	90	86	83		88	85	82		86
5	96	88	83	79	94	88	83	79	86	82	78		84	81	78		83
6	92	84	79	75	91	83	78	75	82	78	74		81	77	74		79
7	88	80	75	71	87	79	74	71	78	74	71		77	73	70		76
8	85	76	71	68	84	76	71	67	75	70	67		74	70	67		73
9	82	73	68	64	81	73	68	64	72	67	64		71	67	64		70
10	78	70	65	62	78	70	65	61	69	64	61		68	64	61		67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	682774
5°	662930
10°	601592
15°	496984
20°	358501
25°	221747
30°	120044
35°	62051
40°	33749
45°	18886
50°	9484
55°	7073
60°	6403
65°	6174
70°	5963
75°	5592
80°	5051
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18886 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	277.6	18.0
10°-20°	596.1	38.6
20°-30°	425.4	27.6
30°-40°	156.6	10.1
40°-50°	49.3	3.2
50°-60°	17.1	1.1
60°-70°	11.8	0.8
70°-80°	7.0	0.5
80°-90°	2.0	0.1
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°	1299.2	84.2
0°-40°	1455.8	94.3
0°-60°	1522.2	98.7
0°-90°	1543.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1543.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3114	
5°	3012	278
15°	2189	596
25°	916	425
35°	232	157
45°	61	49
55°	18	17
65°	12	12
75°	7	7
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3113.7
2.5°	3089.8
5°	3011.7
7.5°	2881.9
10°	2701.8
12.5°	2472.7
15°	2189.2
17.5°	1871.4
20°	1536.3
22.5°	1206.5
25°	916.5
27.5°	672.8
30°	474.1
32.5°	332.4
35°	231.8
37.5°	164.2
40°	117.9
42.5°	84.8
45°	60.9
47.5°	41.1
50°	27.8
52.5°	19.9
55°	18.5
57.5°	17.2
60°	14.6
62.5°	13.2
65°	11.9
67.5°	10.6
70°	9.3
72.5°	7.9
75°	6.6
77.5°	5.3
80°	4.0
82.5°	2.6
85°	1.3
87.5°	1.3
90°	0.0

(END OF REPORT)