

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: P1260422

Luminaire Tested: P3AS17R409050DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260422
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R409050DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R40 optic, 5000K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

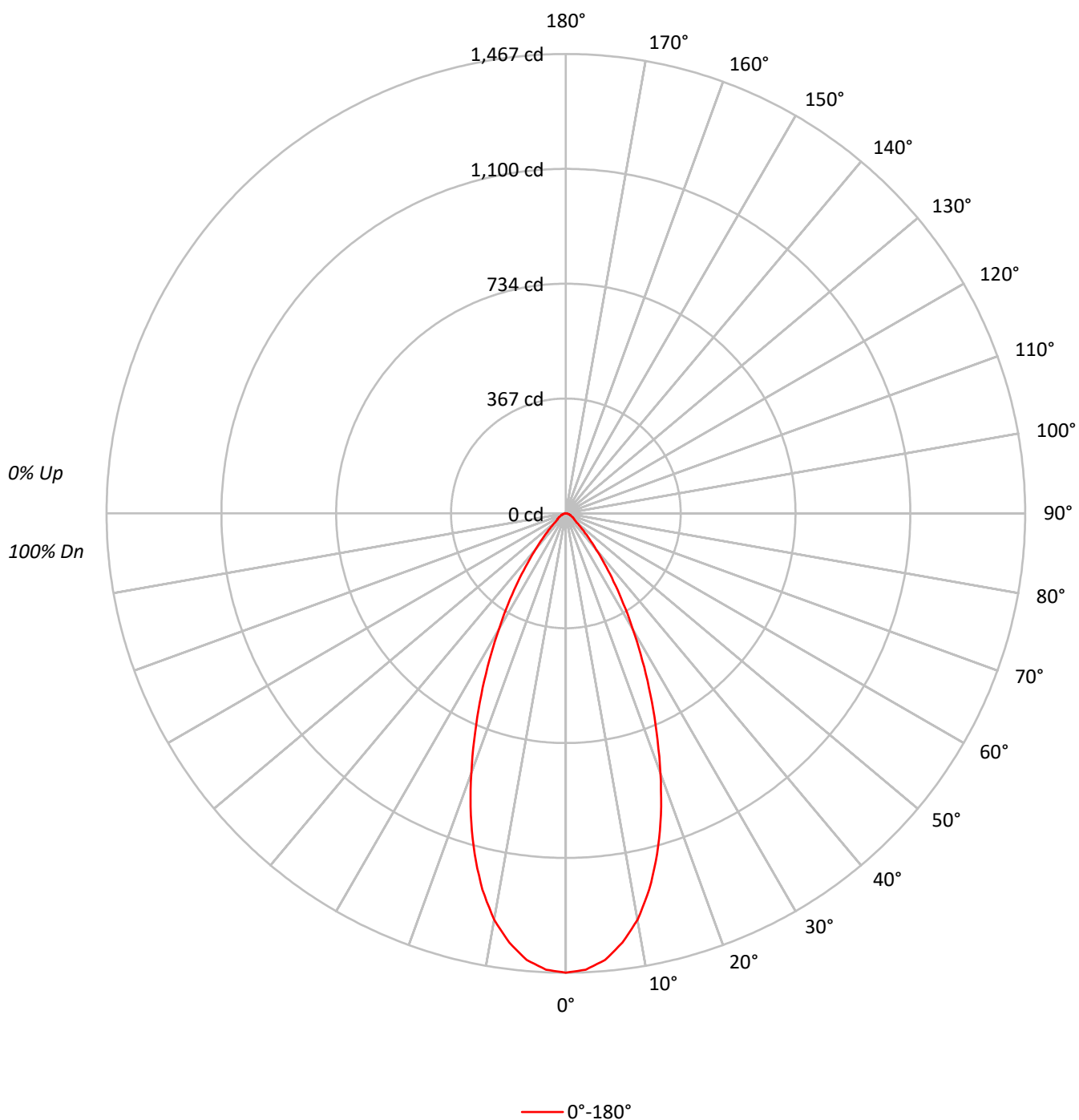
Lumens per Lamp: N/A
Luminaire Lumens: 1033.0 lumens
Efficiency: N/A
Efficacy: 48.7 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	93	97	94	91		94	92	89		92
3	102	95	90	86	100	94	89	85	91	87	84		89	85	83		86
4	97	89	83	79	95	88	83	79	86	81	78		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	78	72	68	76	71	67		75	70	67		73
7	83	74	68	64	82	73	68	64	72	67	63		71	66	63		70
8	79	70	64	60	78	69	64	60	68	63	59		67	63	59		66
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	321663
5°	315143
10°	293426
15°	255734
20°	206098
25°	154485
30°	108599
35°	71153
40°	43081
45°	25739
50°	15351
55°	12348
60°	11096
65°	9495
70°	9040
75°	7117
80°	7072
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 25739 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	133.0	12.9
10°-20°	310.3	30.0
20°-30°	292.4	28.3
30°-40°	169.1	16.4
40°-50°	67.4	6.5
50°-60°	29.8	2.9
60°-70°	18.4	1.8
70°-80°	9.6	0.9
80°-90°	3.0	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°	735.6	71.2
0°-40°	904.7	87.6
0°-60°	1001.9	97.0
0°-90°	1033.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1033.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1467	
5°	1432	133
15°	1126	310
25°	638	292
35°	266	169
45°	83	67
55°	32	30
65°	18	18
75°	8	10
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1466.9
2.5°	1458.4
5°	1431.7
7.5°	1382.5
10°	1317.8
12.5°	1230.6
15°	1126.5
17.5°	1009.8
20°	883.2
22.5°	756.6
25°	638.5
27.5°	528.8
30°	428.9
32.5°	341.7
35°	265.8
37.5°	201.1
40°	150.5
42.5°	112.5
45°	83.0
47.5°	60.5
50°	45.0
52.5°	36.6
55°	32.3
57.5°	29.5
60°	25.3
62.5°	21.1
65°	18.3
67.5°	15.5
70°	14.1
72.5°	11.3
75°	8.4
77.5°	7.0
80°	5.6
82.5°	4.2
85°	2.8
87.5°	1.4
90°	0.0

(END OF REPORT)