

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: P1260315

Luminaire Tested: P3AS17R259050DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260315
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R259050DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

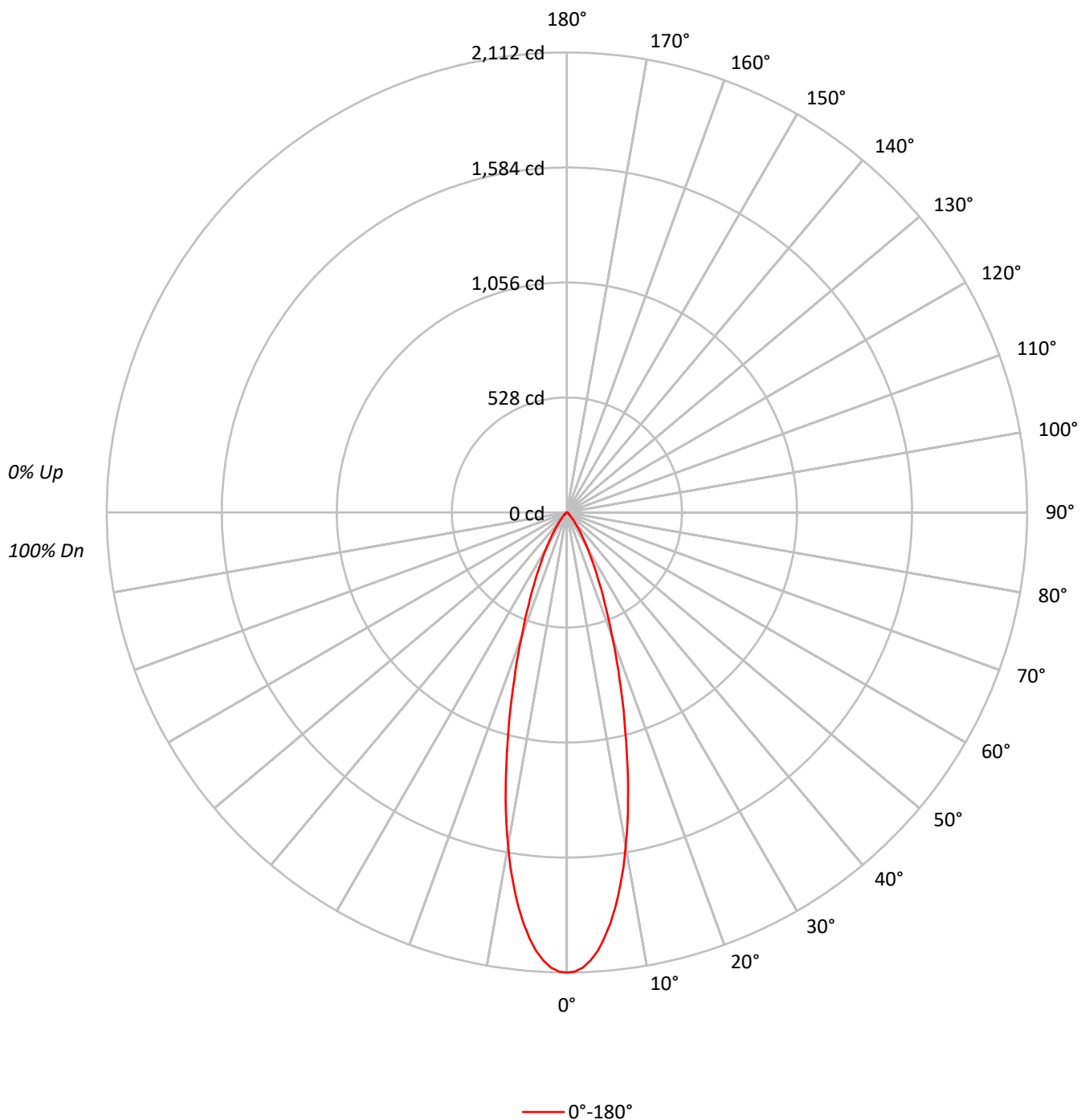
Lumens per Lamp: N/A
Luminaire Lumens: 722.0 lumens
Efficiency: N/A
Efficacy: 34.1 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	86	81	78	84	80	77		83	79	77		82
7	90	83	78	74	89	82	77	74	81	77	74		80	76	73		79
8	87	79	74	71	86	79	74	71	78	74	71		77	73	70		76
9	84	76	71	68	83	76	71	68	75	71	68		74	70	68		73
10	81	73	69	65	80	73	68	65	72	68	65		72	68	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	463143
5°	432092
10°	346153
15°	234962
20°	142182
25°	83134
30°	47349
35°	26046
40°	13826
45°	7288
50°	4230
55°	3173
60°	2719
65°	2854
70°	2629
75°	2372
80°	1768
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7288 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	174.2	24.1
10°-20°	284.6	39.4
20°-30°	162.6	22.5
30°-40°	64.2	8.9
40°-50°	19.7	2.7
50°-60°	7.8	1.1
60°-70°	5.2	0.7
70°-80°	2.9	0.4
80°-90°	1.0	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°	621.3	86.1
0°-40°	685.5	94.9
0°-60°	713.0	98.7
0°-90°	722.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	722.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2112	
5°	1963	174
15°	1035	285
25°	344	163
35°	97	64
45°	24	20
55°	8	8
65°	6	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2112.1
1°	2107.9
2°	2090.7
3°	2060.3
4°	2018.2
5°	1963.0
6°	1898.2
7°	1825.0
8°	1740.2
9°	1653.2
10°	1554.6
11°	1457.3
12°	1350.3
13°	1244.7
14°	1136.4
15°	1035.0
17.5°	802.5
20°	609.3
22.5°	457.5
25°	343.6
27.5°	254.6
30°	187.0
32.5°	135.2
35°	97.3
37.5°	69.0
40°	48.3
42.5°	33.1
45°	23.5
47.5°	16.6
50°	12.4
52.5°	9.7
55°	8.3
57.5°	7.6
60°	6.2
62.5°	5.5
65°	5.5
67.5°	4.8
70°	4.1
72.5°	3.4
75°	2.8
77.5°	2.1
80°	1.4
82.5°	1.4
85°	0.7
87.5°	0.7



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)