

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: P1260484

Luminaire Tested: P3AS17R559050DE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260484
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-36)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R559050DE010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R55 optic, 5000K CCT AND, 90CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

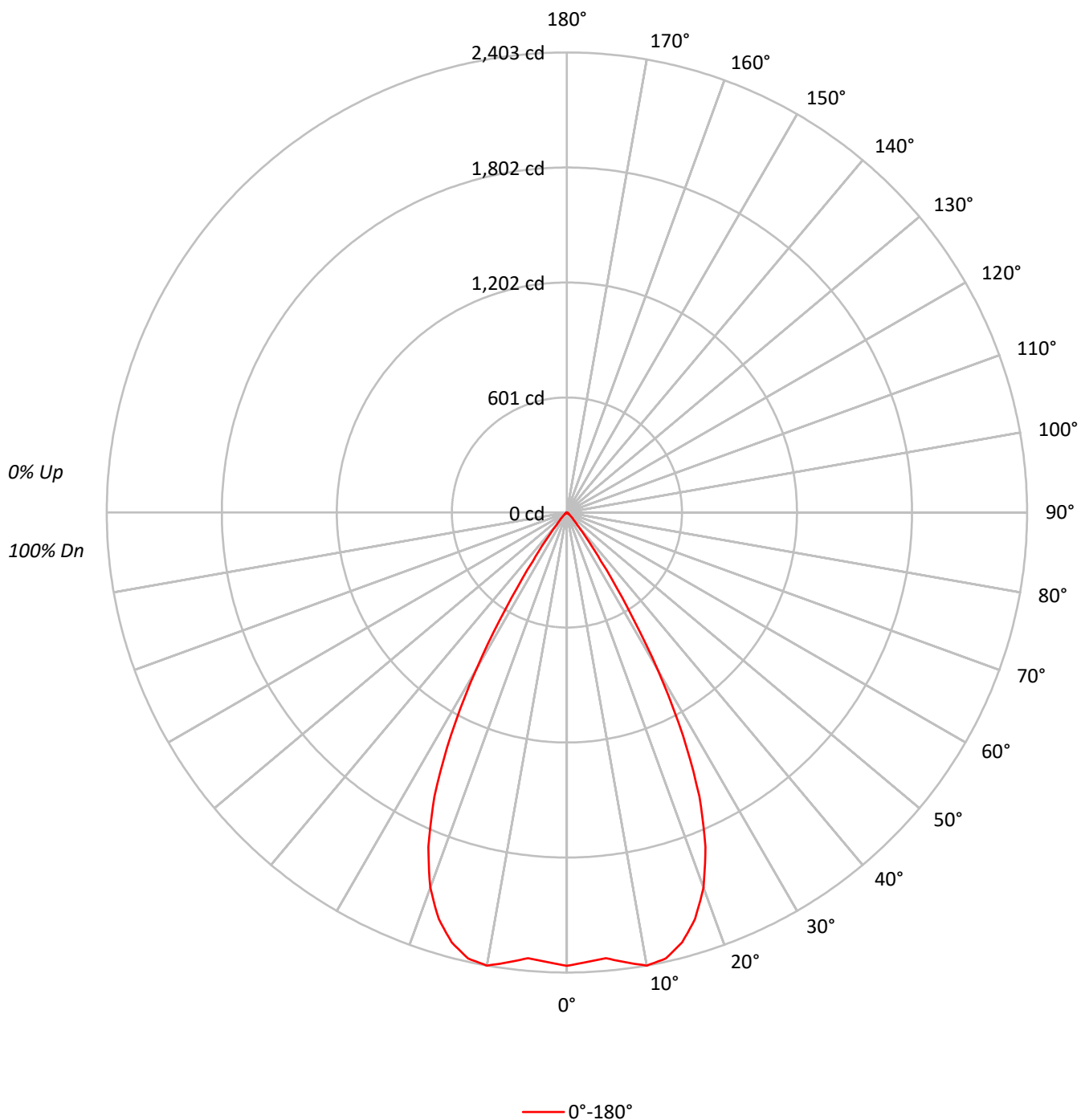
Lumens per Lamp: N/A
Luminaire Lumens: 1871.9 lumens
Efficiency: N/A
Efficacy: 88.3 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1260484

CATALOG NUMBER: P3AS17R559050DE010 E3CD1MW

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	114	111	109	107	112	109	107	105	105	104	102	101	100	99	98	97	96	94		
2	109	104	101	98	107	103	99	96	100	97	94	97	94	92	94	92	90	89		
3	104	98	94	90	102	97	93	89	94	91	88	92	89	86	90	87	85	84		
4	99	92	87	84	98	91	87	83	89	85	82	87	84	81	86	83	80	79		
5	95	87	82	78	93	86	81	78	85	80	77	83	79	76	82	78	76	74		
6	91	83	77	73	89	82	77	73	80	76	72	79	75	72	78	74	72	70		
7	87	78	73	69	85	78	72	69	76	72	68	75	71	68	74	70	68	66		
8	83	74	69	65	82	74	69	65	73	68	65	72	67	64	71	67	64	63		
9	79	71	65	61	78	70	65	61	69	64	61	68	64	61	68	64	61	60		
10	76	67	62	58	75	67	62	58	66	61	58	65	61	58	65	61	58	57		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	519213
5°	514372
10°	535060
15°	527631
20°	486542
25°	395878
30°	240442
35°	83226
40°	23759
45°	11350
50°	4810
55°	2141
60°	2456
65°	2179
70°	1795
75°	2372
80°	1768
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11350 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	225.9	12.1
10°-20°	646.0	34.5
20°-30°	720.1	38.5
30°-40°	235.6	12.6
40°-50°	31.1	1.7
50°-60°	6.5	0.3
60°-70°	3.8	0.2
70°-80°	2.4	0.1
80°-90°	0.6	0.0
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°	1592.0	85.0
0°-40°	1827.6	97.6
0°-60°	1865.2	99.6
0°-90°	1871.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1871.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2368	
5°	2337	226
15°	2324	646
25°	1636	720
35°	311	236
45°	37	31
55°	6	7
65°	4	4
75°	3	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2367.8
2.5°	2350.9
5°	2336.8
7.5°	2370.6
10°	2403.0
12.5°	2386.1
15°	2324.2
17.5°	2225.7
20°	2085.0
22.5°	1890.8
25°	1636.2
27.5°	1312.6
30°	949.6
32.5°	582.4
35°	310.9
37.5°	157.6
40°	83.0
42.5°	53.5
45°	36.6
47.5°	25.3
50°	14.1
52.5°	8.4
55°	5.6
57.5°	5.6
60°	5.6
62.5°	4.2
65°	4.2
67.5°	2.8
70°	2.8
72.5°	2.8
75°	2.8
77.5°	1.4
80°	1.4
82.5°	1.4
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)