

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: P1287607

Luminaire Tested: P3AS17R559030D2WDE010 E3CB1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287607
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: P3AS17R559030D2WDE010 E3CB1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R55 optic, 3000K CCT AND, 90CRI , E3CB1M
TRIM
Light Source: -
Ballast/Driver: -

Summary

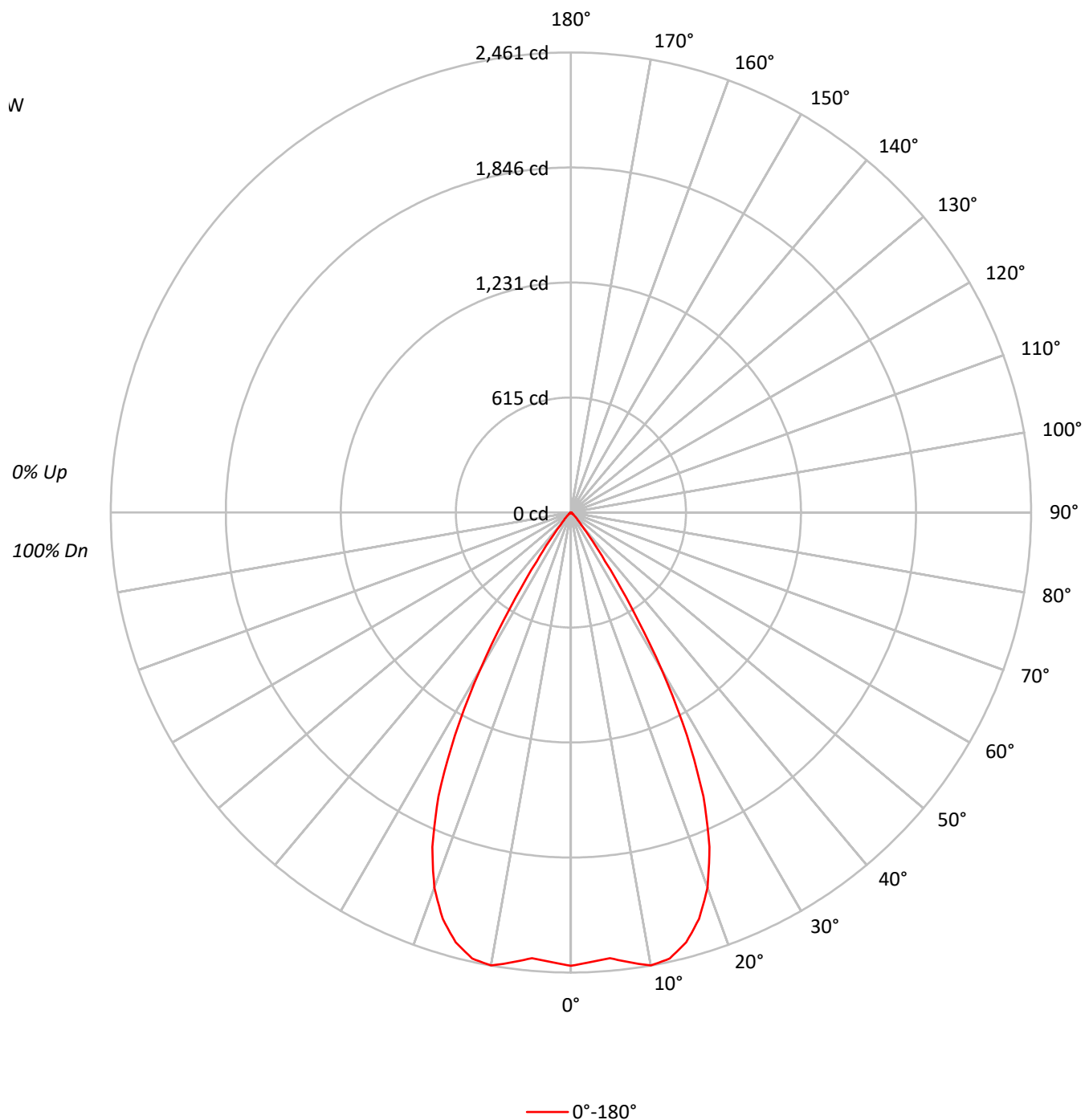
Lumens per Lamp: N/A
Luminaire Lumens: 1917.0 lumens
Efficiency: N/A
Efficacy: 70.2 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.3
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				0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		0
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		100
1	114	111	109	107	112	109	107	105	105	104	102		101	100	99		94
2	109	104	101	98	107	103	99	96	100	97	94		97	94	92		89
3	104	98	94	90	102	97	93	89	94	91	88		92	89	86		84
4	99	92	87	84	98	91	87	83	89	85	82		87	84	81		79
5	95	87	82	78	93	86	81	78	85	80	77		83	79	76		74
6	91	83	77	73	89	82	77	73	80	76	72		79	75	72		70
7	87	78	73	69	85	78	72	69	76	72	68		75	71	68		66
8	83	74	69	65	82	74	69	65	73	68	65		72	67	64		63
9	79	71	65	61	78	70	65	61	69	64	61		68	64	61		60
10	76	67	62	58	75	67	62	58	66	61	58		65	61	58		57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	531690
5°	526743
10°	547908
15°	540298
20°	498233
25°	405386
30°	246240
35°	85233
40°	24331
45°	11629
50°	4912
55°	2217
60°	2544
65°	2231
70°	1859
75°	2457
80°	1768
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11629 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	231.3	12.1
10°-20°	661.5	34.5
20°-30°	737.4	38.5
30°-40°	241.2	12.6
40°-50°	31.8	1.7
50°-60°	6.7	0.4
60°-70°	3.9	0.2
70°-80°	2.5	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°	1630.3	85.0
0°-40°	1871.5	97.6
0°-60°	1910.0	99.6
0°-90°	1917.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1917.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2425	
5°	2393	231
15°	2380	661
25°	1676	737
35°	318	241
45°	38	32
55°	6	7
65°	4	4
75°	3	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2424.7
2.5°	2407.4
5°	2393.0
7.5°	2427.6
10°	2460.7
12.5°	2443.4
15°	2380.0
17.5°	2279.2
20°	2135.1
22.5°	1936.3
25°	1675.5
27.5°	1344.2
30°	972.5
32.5°	596.4
35°	318.4
37.5°	161.4
40°	85.0
42.5°	54.7
45°	37.5
47.5°	25.9
50°	14.4
52.5°	8.6
55°	5.8
57.5°	5.8
60°	5.8
62.5°	4.3
65°	4.3
67.5°	2.9
70°	2.9
72.5°	2.9
75°	2.9
77.5°	1.4
80°	1.4
82.5°	1.4
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)