

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: P1287556

Luminaire Tested: P3AS17R459030D2WDE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287556
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-28)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R459030D2WDE010 E3CD1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R45 optic, 3000K CCT AND, 90CRI , E3CD1M'
TRIM
Light Source: -
Ballast/Driver: -

Summary

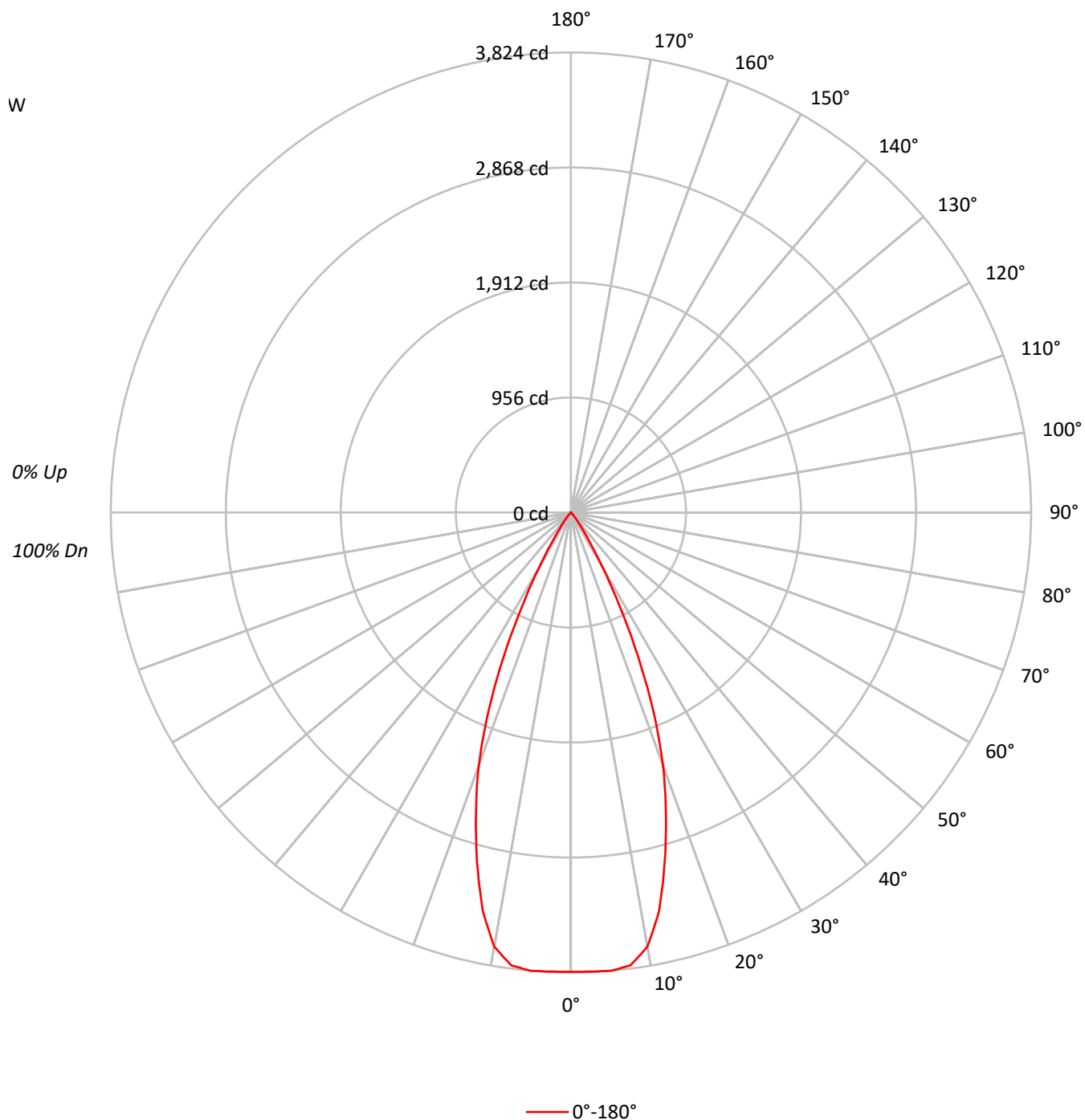
Lumens per Lamp: N/A
Luminaire Lumens: 1931.0 lumens
Efficiency: N/A
Efficacy: 70.7 lumens/watt
Spacing Criteria (0/90/45): 0.72 / 0.72 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				10			0
RW	70	50	30	10	70	50	30	10	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		102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99	98	97	95
2	110	106	102	100	108	104	101	98	101	98	96		98	96	94		95	94	92	91
3	106	100	96	93	104	99	95	92	96	93	91		94	91	89		92	90	88	87
4	102	95	91	87	100	94	90	87	92	89	86		90	87	85		88	86	84	82
5	98	91	86	82	96	90	85	82	88	84	81		87	83	81		85	82	80	79
6	94	87	82	78	93	86	81	78	85	80	77		83	80	77		82	79	76	75
7	90	83	78	74	89	82	78	74	81	77	74		80	76	74		79	76	73	72
8	87	79	74	71	86	79	74	71	78	74	71		77	73	70		76	73	70	69
9	84	76	71	68	83	76	71	68	75	71	68		74	70	67		73	70	67	66
10	81	73	68	65	80	73	68	65	72	68	65		71	67	65		71	67	65	64

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	837192
5°	841666
10°	815794
15°	683636
20°	522595
25°	318139
30°	132375
35°	42402
40°	13196
45°	2667
50°	1979
55°	2217
60°	1886
65°	2231
70°	1859
75°	2457
80°	1768
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 2667 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	360.6	18.7
10°-20°	827.7	42.9
20°-30°	596.0	30.9
30°-40°	124.0	6.4
40°-50°	11.3	0.6
50°-60°	4.7	0.2
60°-70°	3.7	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°	1784.2	92.4
0°-40°	1908.2	98.8
0°-60°	1924.3	99.6
0°-90°	1931.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1931.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3818	
5°	3824	361
15°	3011	828
25°	1315	596
35°	158	124
45°	9	11
55°	6	5
65°	4	4
75°	3	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3817.9
2.5°	3819.4
5°	3823.7
7.5°	3796.3
10°	3663.8
12.5°	3387.3
15°	3011.4
17.5°	2626.9
20°	2239.5
22.5°	1794.5
25°	1314.9
27.5°	867.0
30°	522.8
32.5°	292.4
35°	158.4
37.5°	89.3
40°	46.1
42.5°	20.2
45°	8.6
47.5°	5.8
50°	5.8
52.5°	5.8
55°	5.8
57.5°	4.3
60°	4.3
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)