

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: P1287499

Luminaire Tested: P3AS17R359030D2WDE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287499
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R359030D2WDE010 E3CD1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3CD1M'
TRIM
Light Source: -
Ballast/Driver: -

Summary

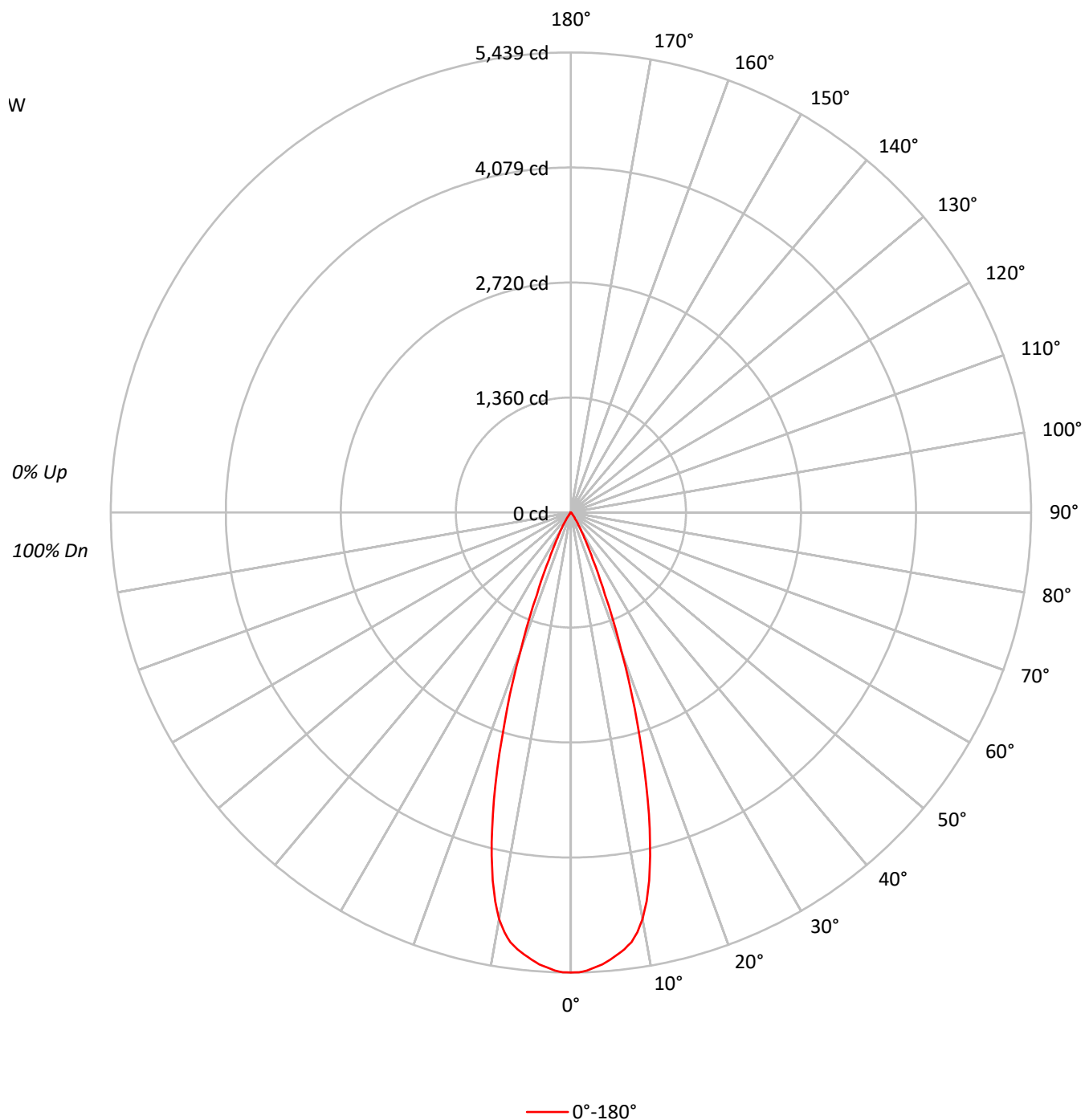
Lumens per Lamp: N/A
Luminaire Lumens: 1829.0 lumens
Efficiency: N/A
Efficacy: 67.0 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.52
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	115	113	111	109	112	110	109	107	106	105	104		103	102	101		99	99	98	96
2	111	107	104	101	109	105	103	100	102	100	98		99	98	96		97	95	94	93
3	107	102	98	95	105	101	97	95	98	96	93		96	94	92		94	92	90	89
4	104	98	94	91	102	97	93	90	95	92	89		93	90	88		91	89	87	86
5	100	94	90	87	99	93	89	86	92	88	86		90	87	85		89	86	84	83
6	97	91	86	83	96	90	86	83	89	85	82		87	84	82		86	83	81	80
7	94	87	83	80	93	87	83	80	86	82	79		85	81	79		84	81	79	78
8	91	84	80	77	90	84	80	77	83	79	77		82	79	76		81	78	76	75
9	89	82	77	74	88	81	77	74	80	77	74		80	76	74		79	76	74	73
10	86	79	75	72	85	79	75	72	78	74	72		77	74	72		77	74	71	70

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1192624
5°	1168322
10°	1086909
15°	796872
20°	408042
25°	147057
30°	57249
35°	20050
40°	8244
45°	2233
50°	1979
55°	2217
60°	1886
65°	1505
70°	1859
75°	2457
80°	1768
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 75°
Luminance: 2457 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	494.8	27.1
10°-20°	928.4	50.8
20°-30°	328.7	18.0
30°-40°	57.6	3.1
40°-50°	8.4	0.5
50°-60°	4.7	0.3
60°-70°	3.4	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°	1751.9	95.8
0°-40°	1809.5	98.9
0°-60°	1822.6	99.6
0°-90°	1829.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1829.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5439	
5°	5308	495
15°	3510	928
25°	608	329
35°	75	58
45°	7	8
55°	6	5
65°	3	3
75°	3	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	5438.8
1°	5437.4
2°	5420.1
3°	5387.0
4°	5356.7
5°	5307.7
6°	5257.3
7°	5201.2
8°	5132.0
9°	5024.0
10°	4881.4
11°	4684.1
12°	4446.4
13°	4164.1
14°	3853.0
15°	3510.2
17.5°	2614.3
20°	1748.6
22.5°	1054.3
25°	607.8
27.5°	363.0
30°	226.1
32.5°	131.1
35°	74.9
37.5°	47.5
40°	28.8
42.5°	14.4
45°	7.2
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°	2.9
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



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)