

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: P1287418

Luminaire Tested: P3AS17R209030D2WDE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287418
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R209030D2WDE010 E3DL1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R20 optic, 3000K CCT AND, 90CRI , E3DL1M
TRIM
Light Source: -
Ballast/Driver: -

Summary

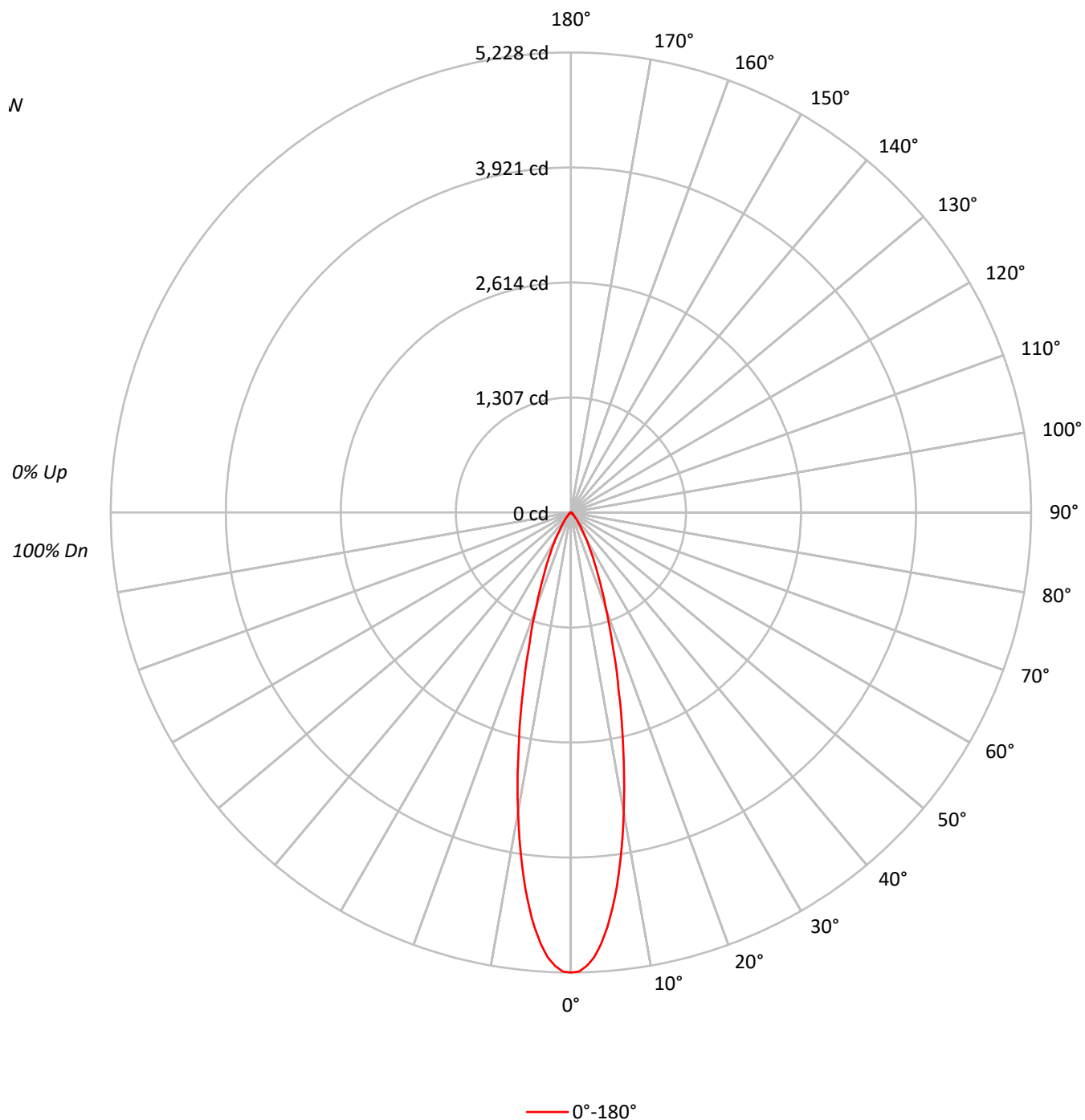
Lumens per Lamp: N/A
Luminaire Lumens: 1490.0 lumens
Efficiency: N/A
Efficacy: 54.6 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
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	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	97	93	91	94	92	89	92	90	88	87		
4	102	96	91	88	100	95	90	87	92	89	86	91	88	85	89	86	84	83		
5	98	91	87	83	97	90	86	83	89	85	82	87	84	81	86	83	81	79		
6	95	87	83	79	93	87	82	79	85	81	78	84	81	78	83	80	77	76		
7	91	84	79	76	90	83	79	76	82	78	75	81	78	75	80	77	75	73		
8	88	81	76	73	87	80	76	73	79	75	72	78	75	72	78	74	72	71		
9	85	78	73	70	85	77	73	70	77	73	70	76	72	69	75	72	69	68		
10	83	75	71	68	82	75	70	67	74	70	67	73	70	67	73	69	67	66		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1146377
5°	1042084
10°	770171
15°	476439
20°	272067
25°	155332
30°	87102
35°	47382
40°	25963
45°	14296
50°	8358
55°	6040
60°	5701
65°	5241
70°	4616
75°	4914
80°	3662
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 14296 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	410.0	27.5
10°-20°	585.2	39.3
20°-30°	305.5	20.5
30°-40°	118.1	7.9
40°-50°	38.3	2.6
50°-60°	15.1	1.0
60°-70°	10.0	0.7
70°-80°	5.9	0.4
80°-90°	1.9	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°	1300.7	87.3
0°-40°	1418.8	95.2
0°-60°	1472.2	98.8
0°-90°	1490.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1490.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5228	
5°	4734	410
15°	2099	585
25°	642	305
35°	177	118
45°	46	38
55°	16	15
65°	10	10
75°	6	6
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	5227.9
1°	5217.9
2°	5156.0
3°	5061.0
4°	4914.1
5°	4734.2
6°	4521.2
7°	4285.1
8°	4011.6
9°	3745.3
10°	3458.9
12.5°	2749.3
15°	2098.7
17.5°	1570.4
20°	1165.9
22.5°	863.6
25°	642.0
27.5°	473.6
30°	344.0
32.5°	249.0
35°	177.0
37.5°	128.1
40°	90.7
42.5°	64.8
45°	46.1
47.5°	33.1
50°	24.5
52.5°	18.7
55°	15.8
57.5°	14.4
60°	13.0
62.5°	11.5
65°	10.1
67.5°	8.6
70°	7.2
72.5°	7.2
75°	5.8
77.5°	4.3
80°	2.9
82.5°	2.9
85°	1.4
87.5°	1.4
90°	0.0

(END OF REPORT)