

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: P1272528

Luminaire Tested: P3AS17R709827DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272528
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R709827DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R70 optic, 2700K CCT AND, 98CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

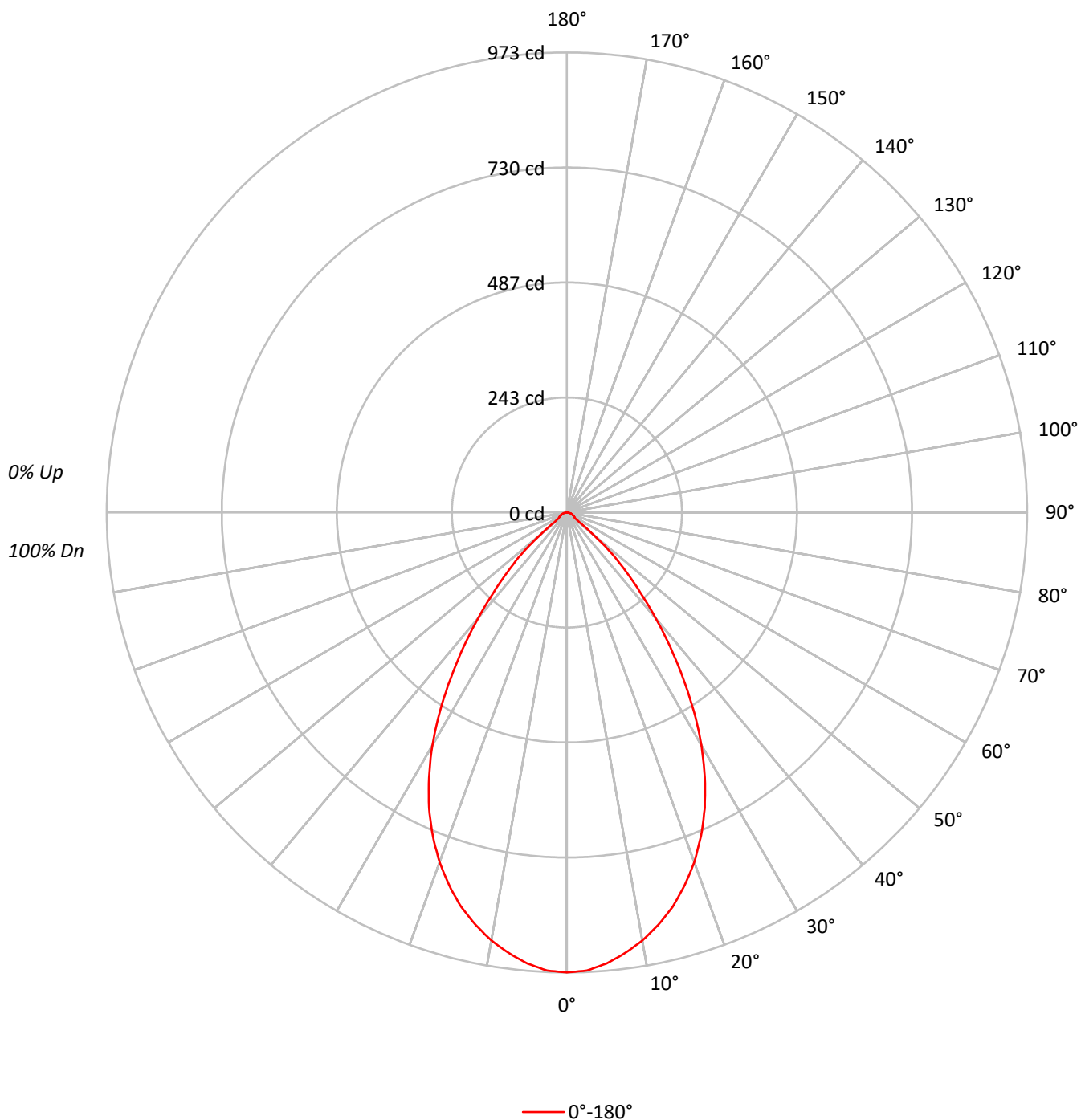
Lumens per Lamp: N/A
Luminaire Lumens: 1102.0 lumens
Efficiency: N/A
Efficacy: 54.0 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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	113	110	107	104	110	107	105	103	103	101	100	100	98	97	96	95	94	92		
2	106	101	96	93	104	99	95	92	96	92	90	93	90	88	90	88	86	84		
3	100	93	88	83	98	92	87	82	89	85	81	86	83	80	84	81	79	77		
4	94	86	80	75	93	85	79	75	83	78	74	81	76	73	79	75	72	70		
5	89	80	73	69	87	79	73	68	77	72	68	75	71	67	74	70	66	65		
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60		
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55		
8	75	65	58	53	74	64	58	53	63	57	53	62	57	53	61	56	53	51		
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48		
10	67	57	50	46	66	56	50	46	55	50	46	55	49	46	54	49	46	44		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	213338
5°	210785
10°	204694
15°	196028
20°	183626
25°	166824
30°	144098
35°	114840
40°	83642
45°	54982
50°	25756
55°	7952
60°	7675
65°	7368
70°	6988
75°	7456
80°	6945
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 54982 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.2	8.2
10°-20°	241.7	21.9
20°-30°	314.1	28.5
30°-40°	266.5	24.2
40°-50°	137.4	12.5
50°-60°	26.5	2.4
60°-70°	14.3	1.3
70°-80°	8.8	0.8
80°-90°	2.5	0.2
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°	645.9	58.6
0°-40°	912.4	82.8
0°-60°	1076.3	97.7
0°-90°	1102.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1102.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	973	
5°	958	90
15°	864	242
25°	690	314
35°	429	267
45°	177	137
55°	21	26
65°	14	14
75°	9	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	972.9
2.5°	969.6
5°	957.6
7.5°	940.1
10°	919.3
12.5°	893.0
15°	863.5
17.5°	827.3
20°	786.9
22.5°	740.9
25°	689.5
27.5°	631.5
30°	569.1
32.5°	500.1
35°	429.0
37.5°	359.0
40°	292.2
42.5°	229.8
45°	177.3
47.5°	130.2
50°	75.5
52.5°	32.8
55°	20.8
57.5°	19.7
60°	17.5
62.5°	16.4
65°	14.2
67.5°	13.1
70°	10.9
72.5°	9.8
75°	8.8
77.5°	6.6
80°	5.5
82.5°	3.3
85°	2.2
87.5°	1.1
90°	0.0

(END OF REPORT)