

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: P1272044

Luminaire Tested: P3AS13R459827DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272044
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R459827DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R45 optic, 2700K CCT AND, 98CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

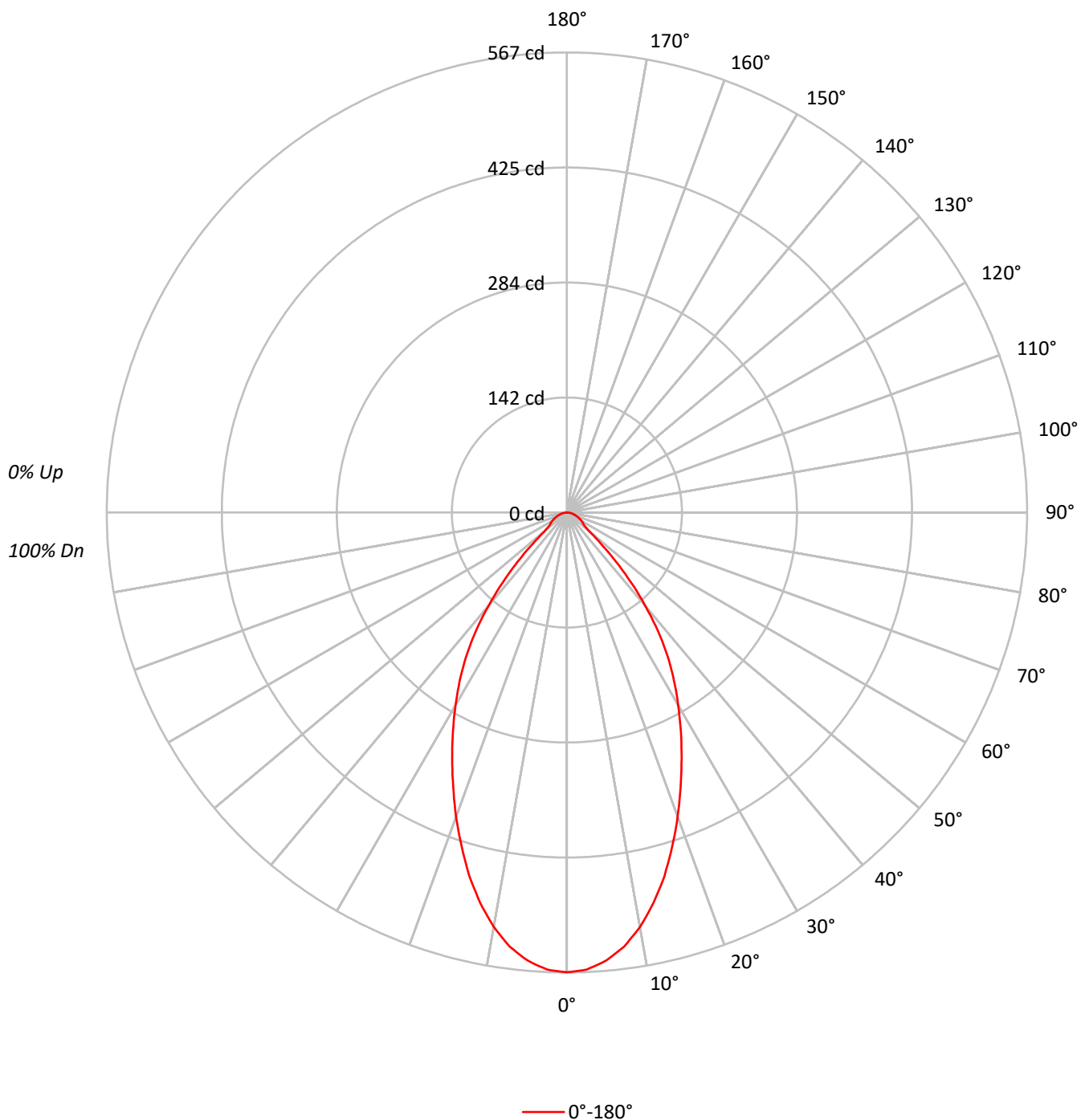
Lumens per Lamp: N/A
Luminaire Lumens: 586.1 lumens
Efficiency: N/A
Efficacy: 40.4 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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	112	109	106	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91		
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	87	85	83		
3	99	92	86	82	97	90	85	81	88	83	80	85	81	78	83	80	77	75		
4	94	85	78	74	92	84	78	73	81	76	72	79	75	71	77	74	71	69		
5	88	79	72	67	86	78	71	67	76	70	66	74	69	65	72	68	65	63		
6	83	73	66	61	81	72	66	61	71	65	61	69	64	60	68	63	60	58		
7	78	68	61	57	77	67	61	56	66	60	56	65	60	56	64	59	55	54		
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	50		
9	70	60	53	49	69	59	53	49	58	52	48	57	52	48	56	52	48	47		
10	67	56	50	45	66	56	49	45	55	49	45	54	49	45	53	48	45	44		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	124244
5°	122034
10°	115496
15°	105335
20°	93131
25°	80884
30°	69428
35°	57848
40°	43109
45°	26390
50°	12213
55°	9558
60°	9166
65°	8406
70°	7822
75°	7456
80°	6819
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 26390 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.8	8.8
10°-20°	129.2	22.0
20°-30°	153.5	26.2
30°-40°	133.4	22.8
40°-50°	66.9	11.4
50°-60°	23.2	4.0
60°-70°	16.3	2.8
70°-80°	9.1	1.6
80°-90°	2.8	0.5
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°	334.4	57.1
0°-40°	467.8	79.8
0°-60°	557.9	95.2
0°-90°	586.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	586.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	567	
5°	554	52
15°	464	129
25°	334	153
35°	216	133
45°	85	67
55°	25	23
65°	16	16
75°	9	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	566.6
2.5°	563.9
5°	554.4
7.5°	539.6
10°	518.7
12.5°	493.0
15°	464.0
17.5°	431.5
20°	399.1
22.5°	366.0
25°	334.3
27.5°	303.9
30°	274.2
32.5°	245.8
35°	216.1
37.5°	184.4
40°	150.6
42.5°	117.5
45°	85.1
47.5°	56.1
50°	35.8
52.5°	27.7
55°	25.0
57.5°	23.0
60°	20.9
62.5°	18.9
65°	16.2
67.5°	14.2
70°	12.2
72.5°	10.1
75°	8.8
77.5°	6.8
80°	5.4
82.5°	4.1
85°	2.0
87.5°	1.4
90°	0.0

(END OF REPORT)