

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: P1260067

Luminaire Tested: P3AS13R459050DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260067
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: P3AS13R459050DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R45 optic, 5000K CCT AND, 90CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

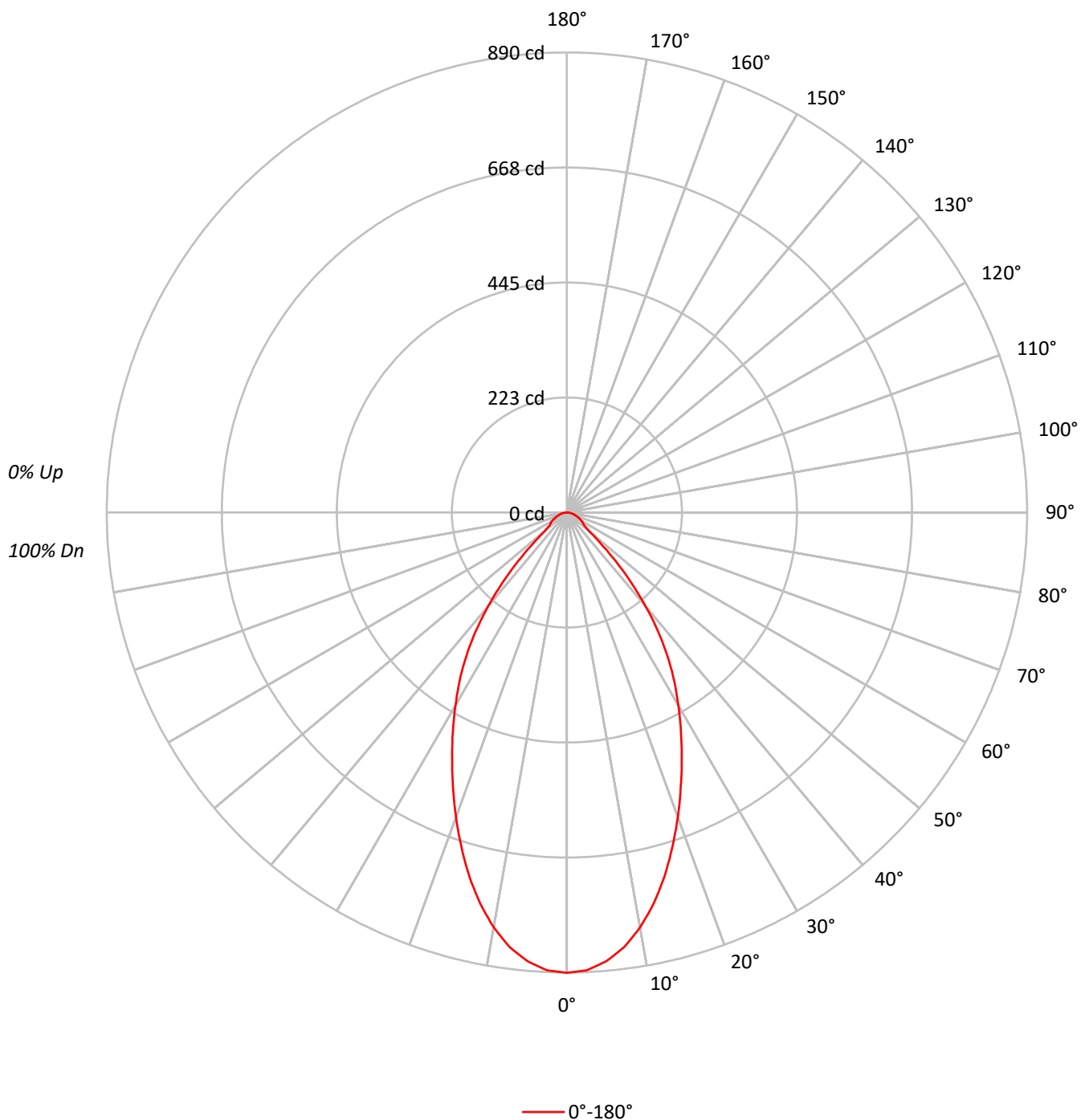
Lumens per Lamp: N/A
Luminaire Lumens: 921.0 lumens
Efficiency: N/A
Efficacy: 63.1 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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

TEST NUMBER: P1260067

CATALOG NUMBER: P3AS13R459050DE010 E3DLD1WMH

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°	195269
5°	191811
10°	181515
15°	165540
20°	146383
25°	127120
30°	109105
35°	90908
40°	67756
45°	41462
50°	19206
55°	15025
60°	14429
65°	13231
70°	12246
75°	11692
80°	10734
85°	8051

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 41462 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	81.4	8.8
10°-20°	203.0	22.0
20°-30°	241.2	26.2
30°-40°	209.6	22.8
40°-50°	105.1	11.4
50°-60°	36.5	4.0
60°-70°	25.6	2.8
70°-80°	14.3	1.5
80°-90°	4.3	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°	525.6	57.1
0°-40°	735.2	79.8
0°-60°	876.8	95.2
0°-90°	921.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	921.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	890	
5°	871	81
15°	729	203
25°	525	241
35°	340	210
45°	134	105
55°	39	36
65°	26	26
75°	14	14
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	890.5
2.5°	886.3
5°	871.4
7.5°	848.1
10°	815.2
12.5°	774.8
15°	729.2
17.5°	678.2
20°	627.3
22.5°	575.3
25°	525.4
27.5°	477.6
30°	430.9
32.5°	386.3
35°	339.6
37.5°	289.8
40°	236.7
42.5°	184.7
45°	133.7
47.5°	88.1
50°	56.3
52.5°	43.5
55°	39.3
57.5°	36.1
60°	32.9
62.5°	29.7
65°	25.5
67.5°	22.3
70°	19.1
72.5°	15.9
75°	13.8
77.5°	10.6
80°	8.5
82.5°	6.4
85°	3.2
87.5°	2.1
90°	0.0

(END OF REPORT)