

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: P1287249

Luminaire Tested: P3AS13R509030D2WDE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287249
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R509030D2WDE010 E3DLD1H
Description: 3in Adjustable Dim to Warm LED luminaire with, R50 optic, 3000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

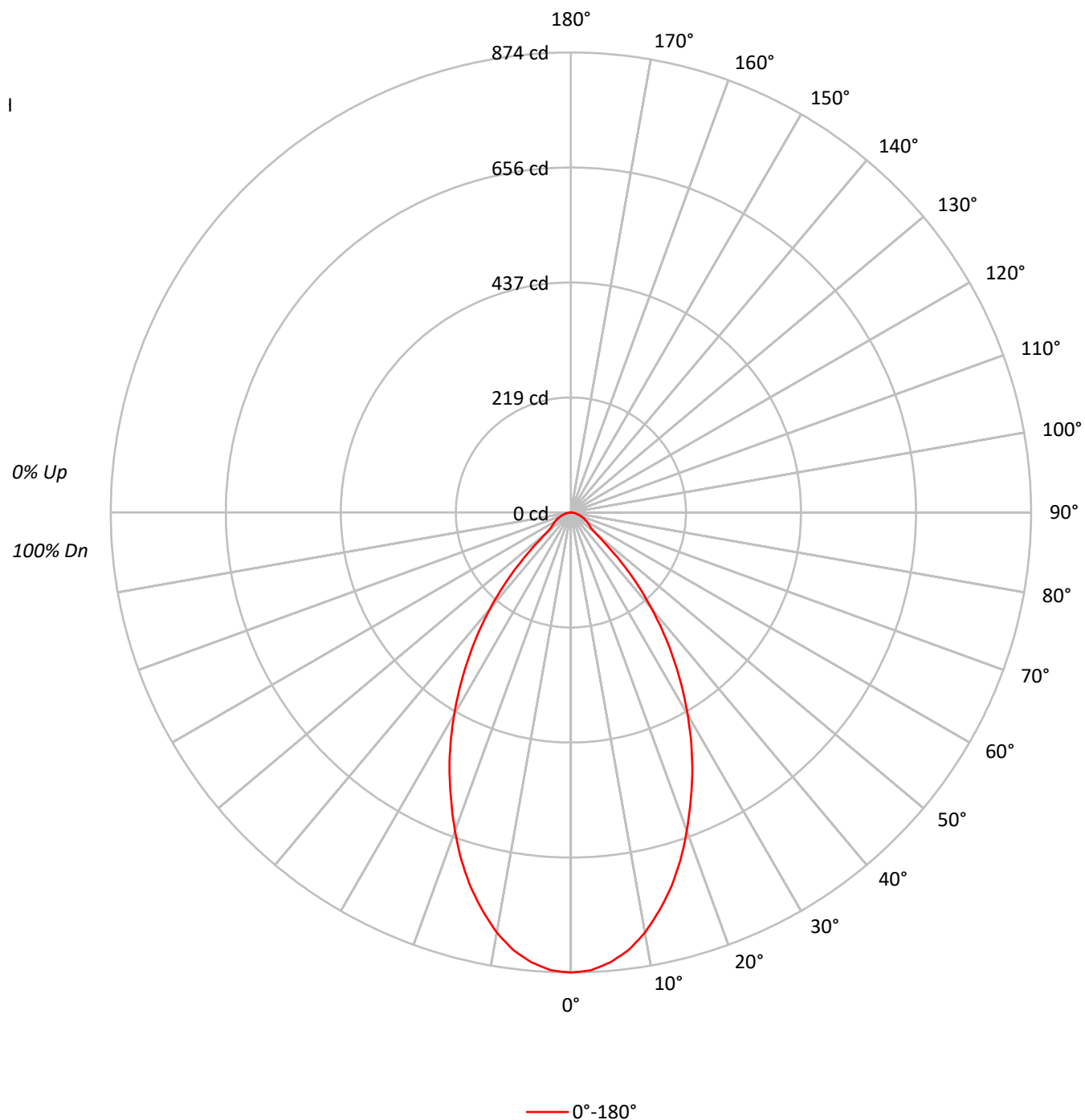
Lumens per Lamp: N/A
Luminaire Lumens: 943.0 lumens
Efficiency: N/A
Efficacy: 46.9 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.1
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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	109	106	103	110	107	104	102	103	101	99		99	97	96		95
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	81	97	90	85	81	88	83	79		85	81	78		83
4	93	85	78	73	91	83	77	73	81	76	72		79	75	71		77
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		72
6	83	73	66	61	81	72	65	61	70	65	60		69	64	60		67
7	78	68	61	56	77	67	61	56	66	60	56		64	59	55		63
8	74	63	57	52	73	63	56	52	61	56	52		60	55	51		59
9	70	59	53	48	69	59	52	48	58	52	48		57	52	48		56
10	66	56	49	45	65	55	49	45	54	49	45		54	48	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	191629
5°	188817
10°	180446
15°	167129
20°	150186
25°	132032
30°	112270
35°	91042
40°	68385
45°	44067
50°	20912
55°	16477
60°	15569
65°	14528
70°	13079
75°	11861
80°	10860
85°	10819

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 44067 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.4	8.5
10°-20°	205.2	21.8
20°-30°	249.4	26.4
30°-40°	211.5	22.4
40°-50°	109.9	11.6
50°-60°	39.6	4.2
60°-70°	27.4	2.9
70°-80°	14.9	1.6
80°-90°	4.7	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°	535.0	56.7
0°-40°	746.5	79.2
0°-60°	896.0	95.0
0°-90°	943.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	943.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	874	
5°	858	80
15°	736	205
25°	546	249
35°	340	211
45°	142	110
55°	43	40
65°	28	27
75°	14	15
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	873.9
2.5°	870.7
5°	857.8
7.5°	838.4
10°	810.4
12.5°	774.9
15°	736.2
17.5°	692.0
20°	643.6
22.5°	594.1
25°	545.7
27.5°	495.1
30°	443.4
32.5°	391.8
35°	340.1
37.5°	289.5
40°	238.9
42.5°	190.5
45°	142.1
47.5°	94.7
50°	61.3
52.5°	47.4
55°	43.1
57.5°	38.7
60°	35.5
62.5°	31.2
65°	28.0
67.5°	23.7
70°	20.4
72.5°	17.2
75°	14.0
77.5°	10.8
80°	8.6
82.5°	6.5
85°	4.3
87.5°	2.2
90°	0.0

(END OF REPORT)