

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: P1287559

Luminaire Tested: P3AS17R459030D2WDE010 E3DL1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287559
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-27)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R459030D2WDE010 E3DL1H
Description: 3in Adjustable Dim to Warm LED luminaire with, R45 optic, 3000K CCT AND, 90CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

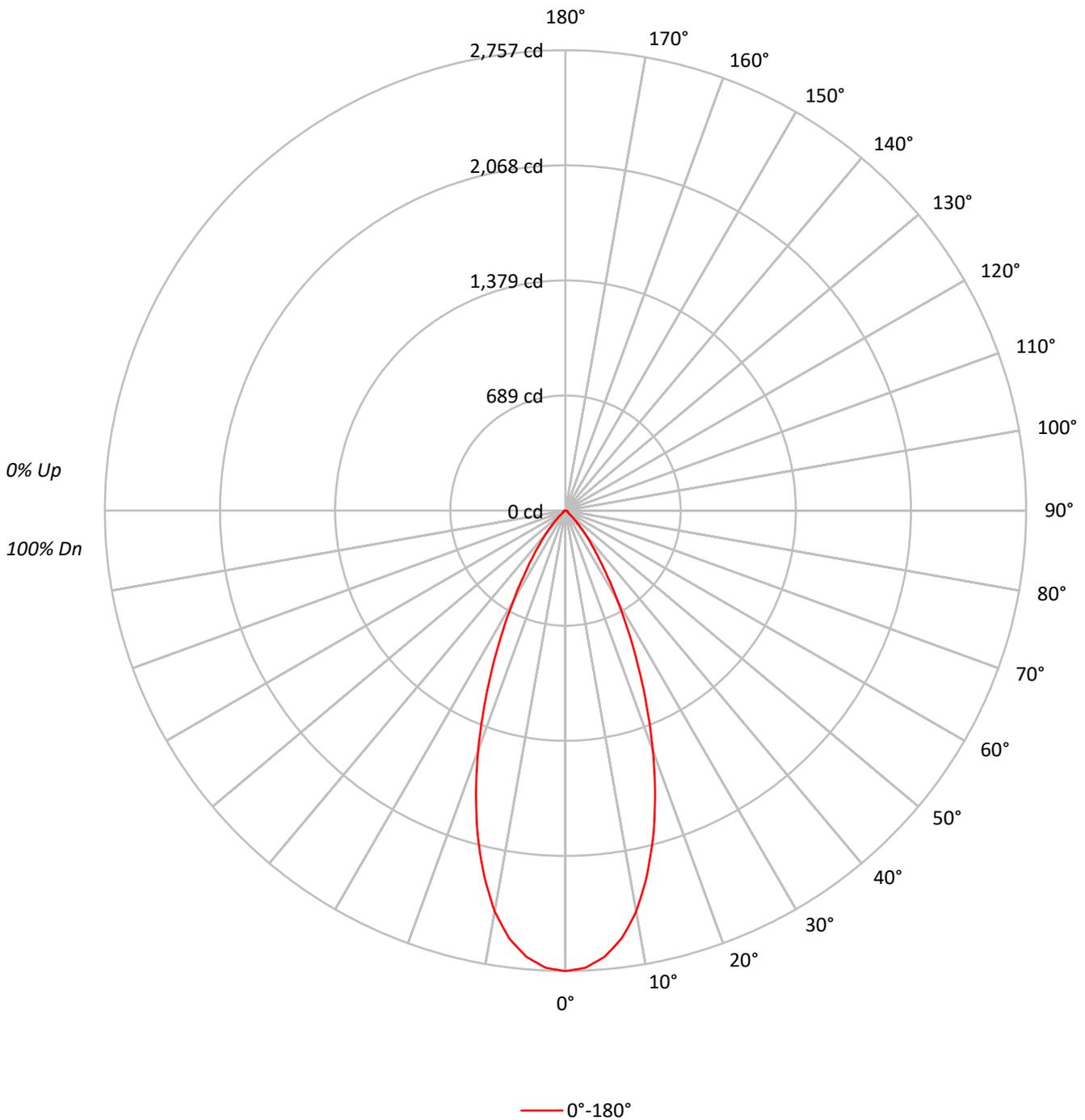
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1610.0 lumens
Efficiency: N/A
Efficacy: 59.0 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69
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				20	
RC	80				70				50				30				10				0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				100
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94				94
2	109	104	100	97	106	102	99	96	99	96	94	96	94	92	93	91	90	88				88
3	104	98	93	89	102	96	92	88	94	90	87	91	88	86	89	86	84	83				83
4	99	92	87	83	97	91	86	82	89	85	81	87	83	80	85	82	79	78				78
5	94	87	81	77	93	86	81	77	84	80	76	82	79	76	81	78	75	74				74
6	90	82	76	73	89	81	76	72	80	75	72	78	74	71	77	74	71	70				70
7	86	78	72	68	85	77	72	68	76	71	68	75	71	67	74	70	67	66				66
8	83	74	68	65	82	73	68	64	72	68	64	71	67	64	70	67	64	62				62
9	79	70	65	61	78	70	65	61	69	64	61	68	64	61	67	63	61	59				59
10	76	67	62	58	75	67	62	58	66	61	58	65	61	58	65	61	58	57				57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	604601
5°	590445
10°	542764
15°	459889
20°	356821
25°	249426
30°	157138
35°	92514
40°	52355
45°	25460
50°	8836
55°	7149
60°	6929
65°	6745
70°	6475
75°	6100
80°	5430
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 25460 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	248.3	15.4
10°-20°	556.3	34.6
20°-30°	472.4	29.3
30°-40°	225.4	14.0
40°-50°	67.9	4.2
50°-60°	17.2	1.1
60°-70°	12.8	0.8
70°-80°	7.6	0.5
80°-90°	2.1	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°	1277.0	79.3
0°-40°	1502.4	93.3
0°-60°	1587.5	98.6
0°-90°	1610.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1610.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2757	
5°	2682	248
15°	2026	556
25°	1031	472
35°	346	225
45°	82	68
55°	19	17
65°	13	13
75°	7	8
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	2757.2
2.5°	2740.0
5°	2682.4
7.5°	2583.0
10°	2437.6
12.5°	2244.7
15°	2025.8
17.5°	1782.5
20°	1529.1
22.5°	1271.4
25°	1030.9
27.5°	812.1
30°	620.6
32.5°	466.5
35°	345.6
37.5°	254.8
40°	182.9
42.5°	126.7
45°	82.1
47.5°	46.1
50°	25.9
52.5°	20.2
55°	18.7
57.5°	17.3
60°	15.8
62.5°	14.4
65°	13.0
67.5°	11.5
70°	10.1
72.5°	8.6
75°	7.2
77.5°	5.8
80°	4.3
82.5°	2.9
85°	1.4
87.5°	1.4
90°	0.0

(END OF REPORT)