

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: P1252057

Luminaire Tested: P3AS13R459030DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252057
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R459030DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

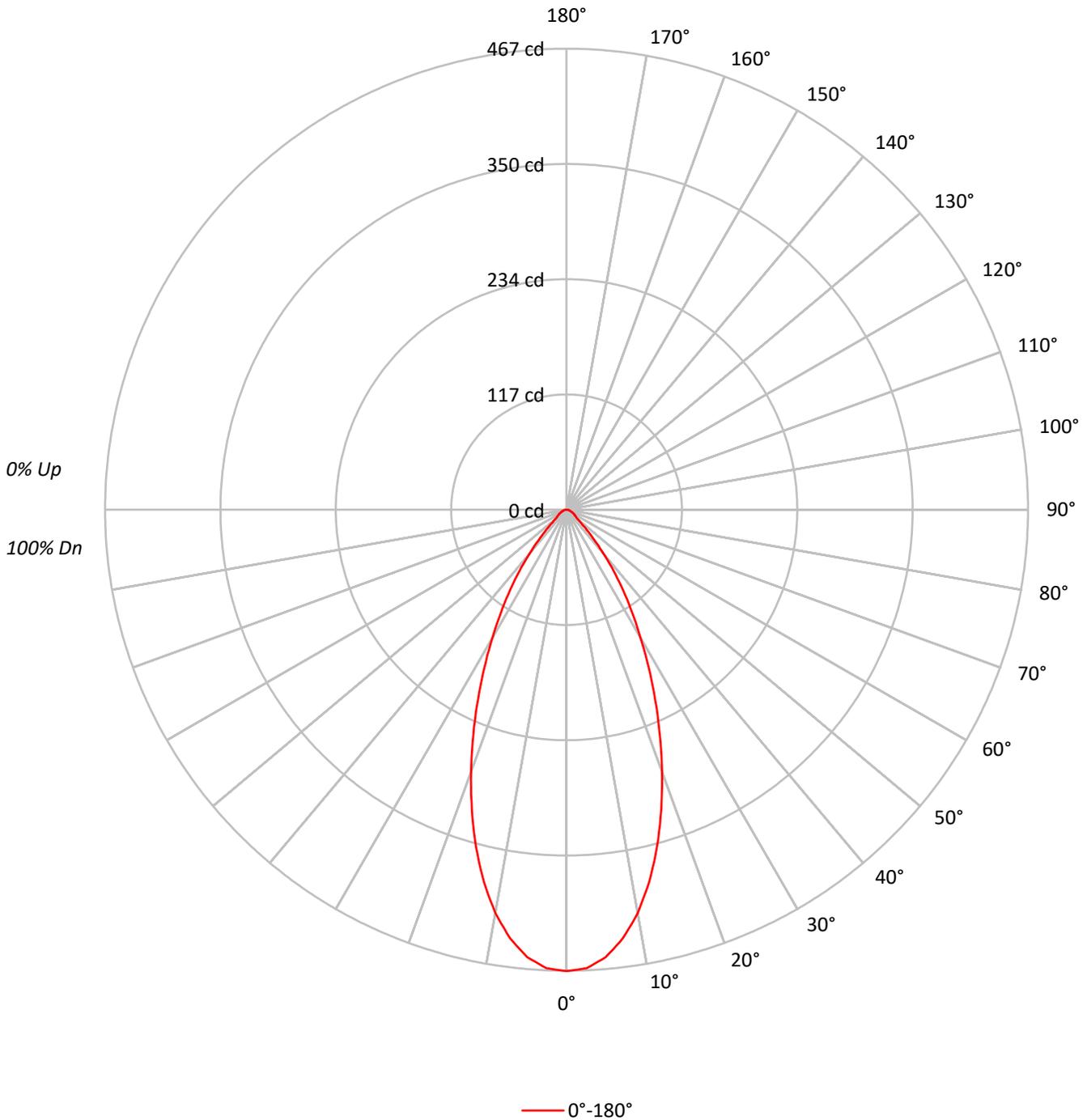
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 344.0 lumens
Efficiency: N/A
Efficacy: 23.6 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
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

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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	100	100
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93	93	93	93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	86	86	86	86
3	102	95	90	85	100	93	89	85	91	87	83	88	85	82	86	83	81	79	79	79	79
4	96	88	83	78	94	87	82	78	85	81	77	83	79	76	81	78	75	74	74	74	74
5	91	83	77	72	90	82	76	72	80	75	71	78	74	71	77	73	70	69	69	69	69
6	87	78	72	67	85	77	71	67	75	70	66	74	69	66	73	69	66	64	64	64	64
7	83	73	67	63	81	72	67	63	71	66	62	70	65	62	69	65	61	60	60	60	60
8	79	69	63	59	77	68	63	59	67	62	58	66	62	58	65	61	58	56	56	56	56
9	75	65	59	55	74	65	59	55	64	59	55	63	58	55	62	58	55	53	53	53	53
10	72	62	56	52	71	61	56	52	61	55	52	60	55	52	59	55	52	50	50	50	50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	102470
5°	100132
10°	92361
15°	80318
20°	65969
25°	51342
30°	37905
35°	26689
40°	16660
45°	9024
50°	4878
55°	4205
60°	3772
65°	3217
70°	2757
75°	2796
80°	2399
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 9024 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.1	12.2
10°-20°	97.8	28.4
20°-30°	97.1	28.2
30°-40°	62.5	18.2
40°-50°	24.1	7.0
50°-60°	9.8	2.8
60°-70°	6.2	1.8
70°-80°	3.3	1.0
80°-90°	1.0	0.3
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°	237.0	68.9
0°-40°	299.6	87.1
0°-60°	333.5	96.9
0°-90°	344.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	344.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	467	
5°	455	42
15°	354	98
25°	212	97
35°	100	63
45°	29	24
55°	11	10
65°	6	6
75°	3	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	467.3
2.5°	464.9
5°	454.9
7.5°	437.7
10°	414.8
12.5°	386.2
15°	353.8
17.5°	318.5
20°	282.7
22.5°	246.5
25°	212.2
27.5°	179.8
30°	149.7
32.5°	123.5
35°	99.7
37.5°	78.2
40°	58.2
42.5°	42.0
45°	29.1
47.5°	19.5
50°	14.3
52.5°	11.9
55°	11.0
57.5°	9.5
60°	8.6
62.5°	7.2
65°	6.2
67.5°	5.2
70°	4.3
72.5°	3.8
75°	3.3
77.5°	2.4
80°	1.9
82.5°	1.4
85°	1.0
87.5°	0.5
90°	0.0

(END OF REPORT)