

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: P1272033

Luminaire Tested: P3AS13R459827DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272033
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: P3AS13R459827DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 2700K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

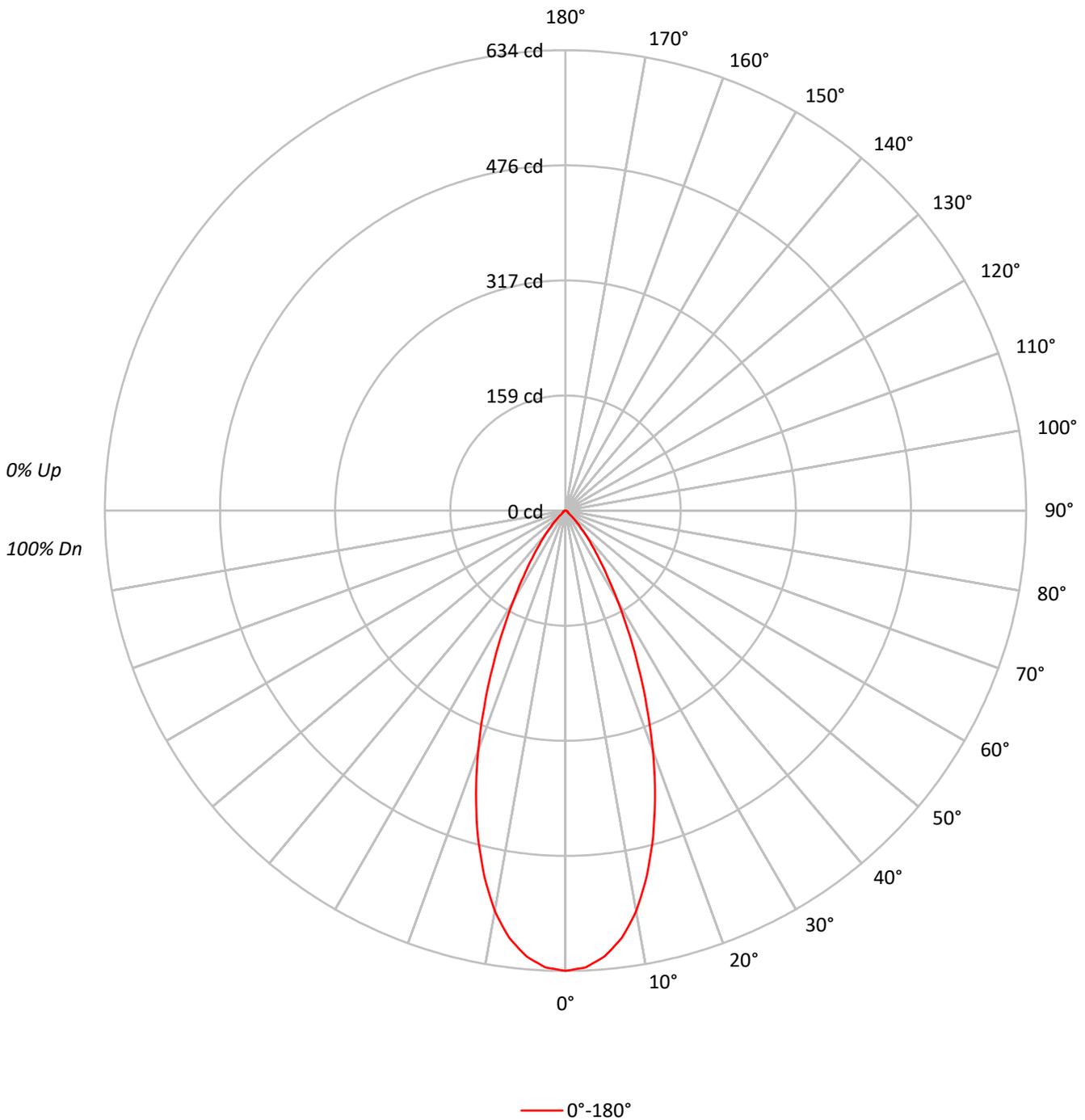
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 370.0 lumens
Efficiency: N/A
Efficacy: 25.5 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): 14.5
Input Voltage (V): NR
Input Current (A_{in}): 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	77	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	65	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°	138958
5°	135681
10°	124736
15°	105699
20°	82000
25°	57318
30°	36107
35°	21255
40°	12023
45°	5861
50°	2047
55°	1644
60°	1579
65°	1557
70°	1475
75°	1440
80°	1263
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 5861 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.1	15.4
10°-20°	127.8	34.6
20°-30°	108.6	29.3
30°-40°	51.8	14.0
40°-50°	15.6	4.2
50°-60°	4.0	1.1
60°-70°	2.9	0.8
70°-80°	1.8	0.5
80°-90°	0.5	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°	293.5	79.3
0°-40°	345.3	93.3
0°-60°	364.8	98.6
0°-90°	370.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	370.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	634	
5°	616	57
15°	466	128
25°	237	109
35°	79	52
45°	19	16
55°	4	4
65°	3	3
75°	2	2
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	633.7
2.5°	629.7
5°	616.4
7.5°	593.6
10°	560.2
12.5°	515.9
15°	465.6
17.5°	409.6
20°	351.4
22.5°	292.2
25°	236.9
27.5°	186.6
30°	142.6
32.5°	107.2
35°	79.4
37.5°	58.6
40°	42.0
42.5°	29.1
45°	18.9
47.5°	10.6
50°	6.0
52.5°	4.6
55°	4.3
57.5°	4.0
60°	3.6
62.5°	3.3
65°	3.0
67.5°	2.6
70°	2.3
72.5°	2.0
75°	1.7
77.5°	1.3
80°	1.0
82.5°	0.7
85°	0.3
87.5°	0.3
90°	0.0

(END OF REPORT)