

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: P1271871

Luminaire Tested: P3AS13R159827DE010 E3DLP1H

Issue Date: 1/30/2026

**Test Information**

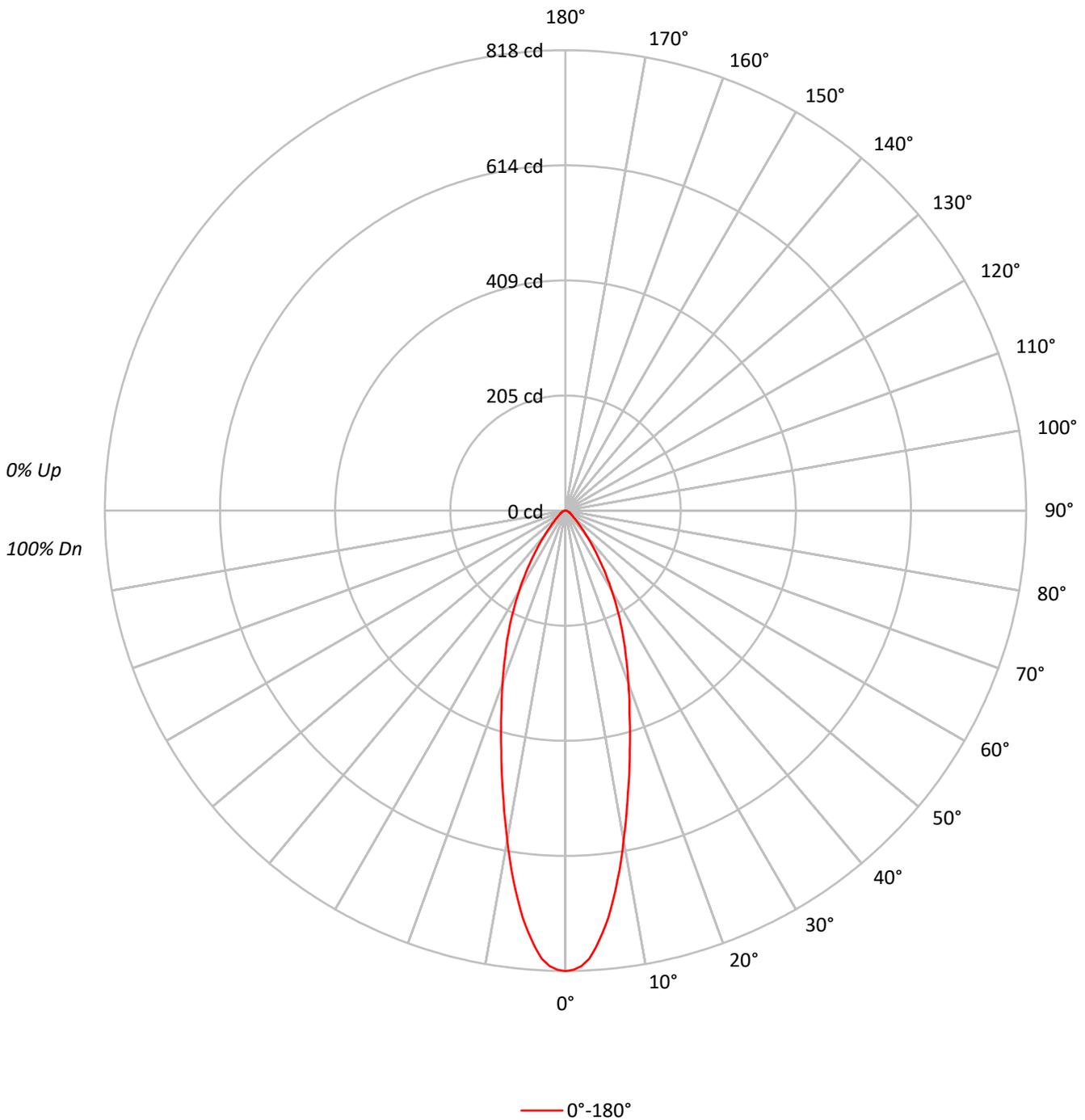
Test Method: LM-79-2019  
Report Number: P1271871  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R159827DE010 E3DLP1H  
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 98CRI , E3DLP1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 416.0 lumens  
Efficiency: N/A  
Efficacy: 28.7 lumens/watt  
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 14.5  
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			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			
1	113	110	108	106	111	108	106	104	104	102	101	100	99	98	97	96	95	93			
2	108	103	98	95	105	101	97	94	98	95	92	95	92	90	92	90	88	86			
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	84	82	80			
4	97	90	84	80	95	88	83	79	86	82	78	84	81	78	82	79	77	75			
5	93	84	78	74	91	83	78	74	81	77	73	80	76	72	78	75	72	70			
6	88	79	73	69	87	79	73	69	77	72	69	76	71	68	74	71	68	66			
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	62			
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	67	63	60	59			
9	77	68	62	58	76	67	62	58	66	61	58	65	61	57	64	60	57	56			
10	74	64	59	55	73	64	59	55	63	58	55	62	58	55	62	57	54	53			

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	179394
5°	165793
10°	132373
15°	100001
20°	76143
25°	58019
30°	41576
35°	27117
40°	16631
45°	10048
50°	6686
55°	5161
60°	4429
65°	3840
70°	3462
75°	3474
80°	2526
85°	1761

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 10048 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	66.7	16.0
10°-20°	123.1	29.6
20°-30°	109.6	26.3
30°-40°	64.9	15.6
40°-50°	26.6	6.4
50°-60°	12.5	3.0
60°-70°	7.6	1.8
70°-80°	4.0	1.0
80°-90°	1.0	0.2
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°	299.4	72.0
0°-40°	364.3	87.6
0°-60°	403.4	97.0
0°-90°	416.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	416.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	818	
5°	753	67
15°	440	123
25°	240	110
35°	101	65
45°	32	27
55°	14	12
65°	7	8
75°	4	4
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	818.1
1°	816.1
2°	810.0
3°	797.8
4°	777.5
5°	753.2
6°	726.9
7°	695.8
8°	663.4
9°	630.3
10°	594.5
12.5°	512.7
15°	440.5
17.5°	378.3
20°	326.3
22.5°	280.3
25°	239.8
27.5°	200.6
30°	164.2
32.5°	131.1
35°	101.3
37.5°	77.7
40°	58.1
42.5°	43.2
45°	32.4
47.5°	25.0
50°	19.6
52.5°	16.2
55°	13.5
57.5°	11.5
60°	10.1
62.5°	8.8
65°	7.4
67.5°	6.8
70°	5.4
72.5°	4.7
75°	4.1
77.5°	2.7
80°	2.0
82.5°	1.4
85°	0.7
87.5°	0.7
90°	0.0

(END OF REPORT)