

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: P1272826

Luminaire Tested: P3AS20R609827D010 E3DLP1WH

Issue Date: 1/30/2026

**Test Information**

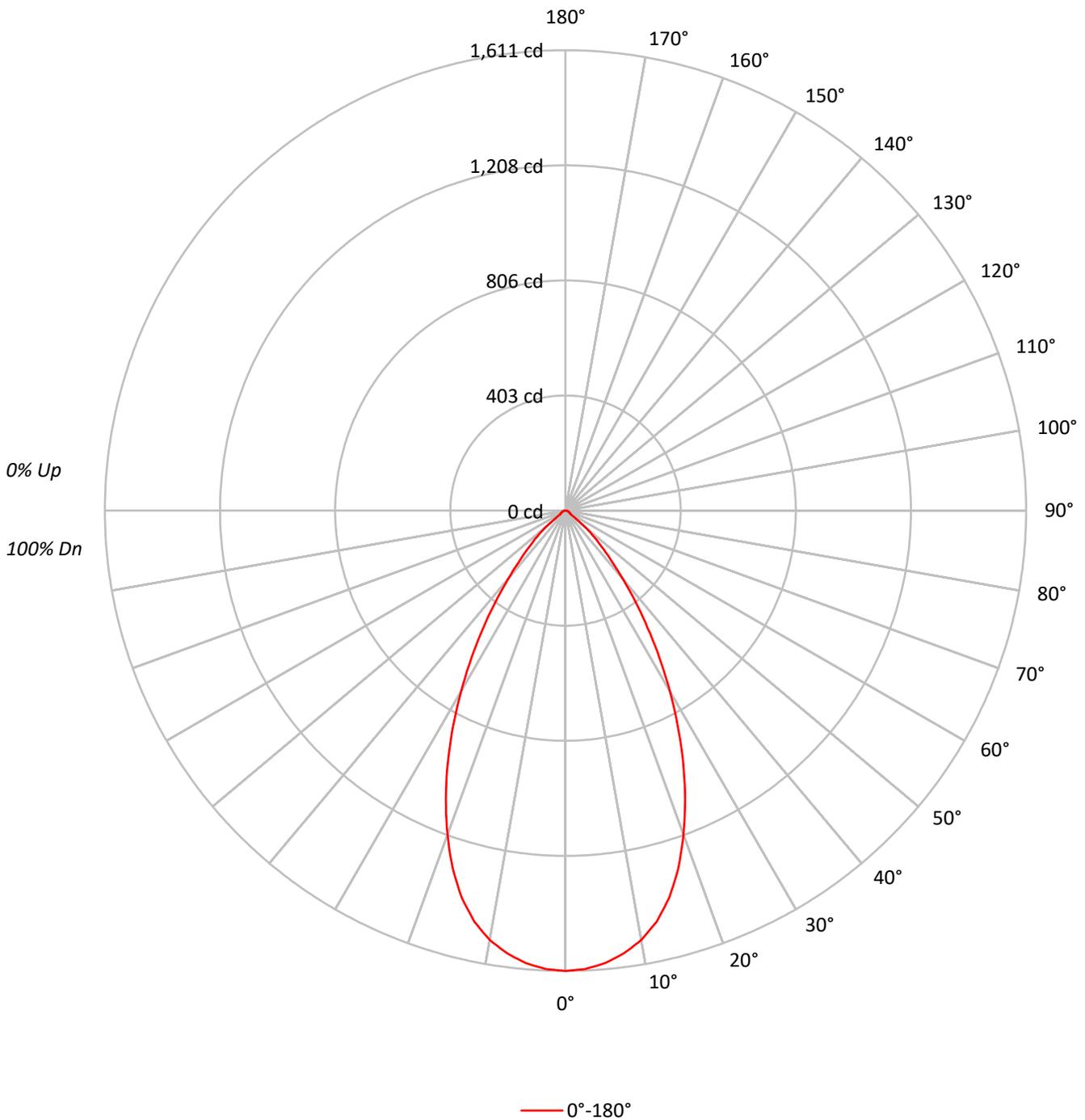
Test Method: LM-79-2019  
Report Number: P1272826  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS20R609827D010 E3DLP1WH  
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 98CRI , E3DLP1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1496.0 lumens  
Efficiency: N/A  
Efficacy: 54.6 lumens/watt  
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 27.4  
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	113	110	108	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93				93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85				85
3	101	95	89	85	99	93	88	84	91	86	83	88	85	82	86	83	80	79				79
4	96	88	82	78	94	87	81	77	85	80	76	83	79	75	81	77	75	73				73
5	91	82	76	71	89	81	75	71	79	74	70	78	73	70	76	72	69	68				68
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	68	64	63				63
7	82	72	66	61	80	71	65	61	70	65	61	69	64	60	68	63	60	59				59
8	77	68	61	57	76	67	61	57	66	60	57	65	60	56	64	59	56	55				55
9	74	64	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53	51				51
10	70	60	54	50	69	60	54	50	59	53	50	58	53	50	57	53	49	48				48

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

	0°
0°	353261
5°	349900
10°	339718
15°	318277
20°	281704
25°	235659
30°	184687
35°	133980
40°	89138
45°	55572
50°	30089
55°	8678
60°	8113
65°	7368
70°	7309
75°	7202
80°	7198
85°	7045

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 55572 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	149.7	10.0
10°-20°	389.0	26.0
20°-30°	443.3	29.6
30°-40°	314.4	21.0
40°-50°	142.7	9.5
50°-60°	30.3	2.0
60°-70°	14.6	1.0
70°-80°	9.0	0.6
80°-90°	3.1	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°	982.0	65.6
0°-40°	1296.4	86.7
0°-60°	1469.3	98.2
0°-90°	1496.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1496.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1611	
5°	1590	150
15°	1402	389
25°	974	443
35°	500	314
45°	179	143
55°	23	30
65°	14	15
75°	8	9
85°	3	3
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1611.0
2.5°	1605.3
5°	1589.6
7.5°	1562.6
10°	1525.7
12.5°	1473.0
15°	1402.0
17.5°	1312.4
20°	1207.2
22.5°	1093.4
25°	974.0
27.5°	851.7
30°	729.4
32.5°	612.8
35°	500.5
37.5°	401.0
40°	311.4
42.5°	236.0
45°	179.2
47.5°	133.7
50°	88.2
52.5°	41.2
55°	22.7
57.5°	19.9
60°	18.5
62.5°	17.1
65°	14.2
67.5°	12.8
70°	11.4
72.5°	10.0
75°	8.5
77.5°	7.1
80°	5.7
82.5°	4.3
85°	2.8
87.5°	1.4
90°	0.0

(END OF REPORT)