

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: P1270260

Luminaire Tested: P3AS17R459740DE010 E3DLP1GPH

Issue Date: 1/30/2026

**Test Information**

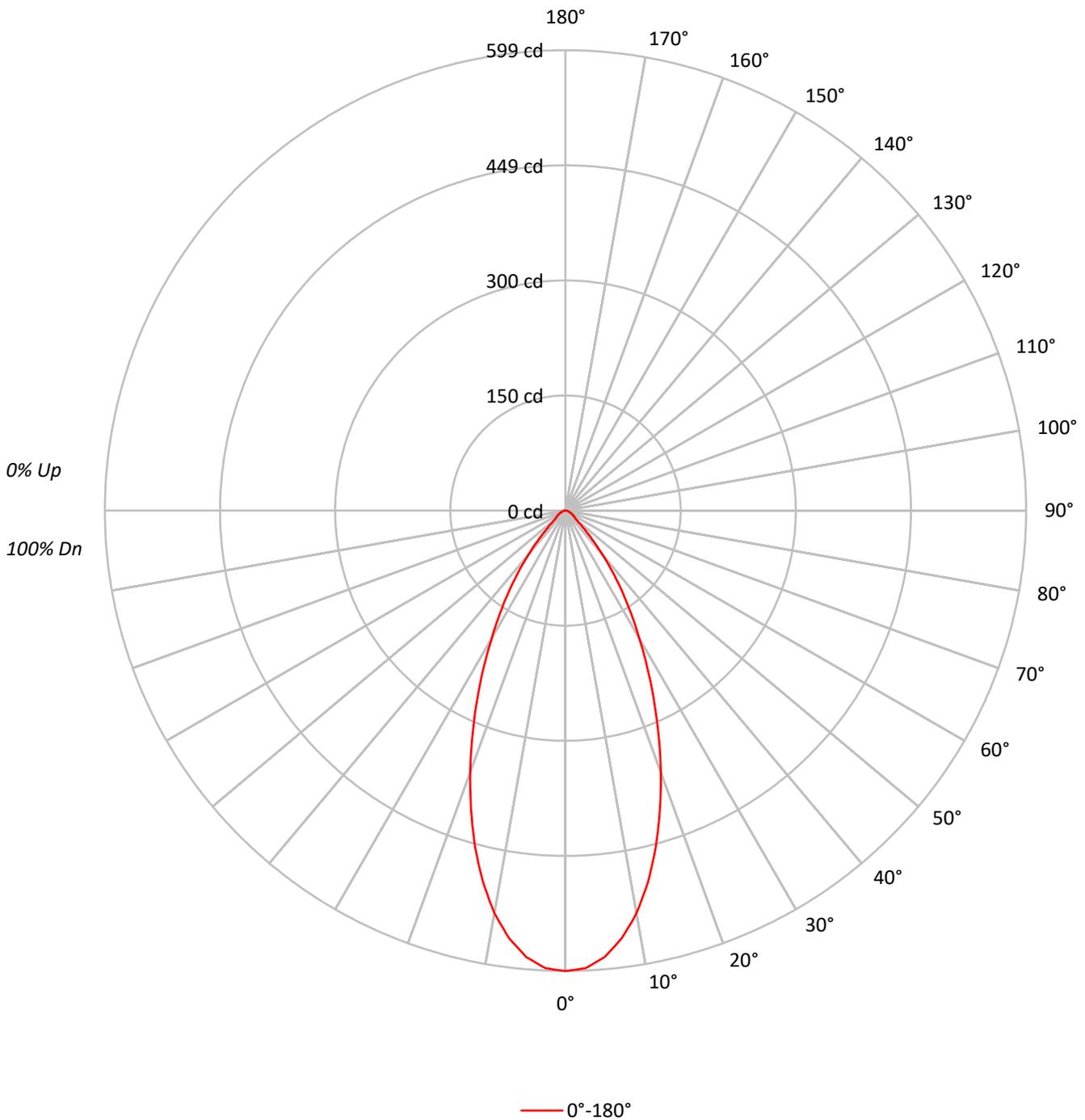
Test Method: LM-79-2019  
Report Number: P1270260  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R459740DE010 E3DLP1GPH  
Description: 3in Adjustable LED luminaire with, R45 optic, 4000K CCT AND, 97CRI , E3DLP1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 441.0 lumens  
Efficiency: N/A  
Efficacy: 20.8 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): 21.2  
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°	131349
5°	128351
10°	118412
15°	102974
20°	84591
25°	65810
30°	48590
35°	34211
40°	21354
45°	11567
50°	6243
55°	5390
60°	4824
65°	4099
70°	3526
75°	3643
80°	3031
85°	3019

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 11567 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	54.0	12.2
10°-20°	125.4	28.4
20°-30°	124.5	28.2
30°-40°	80.2	18.2
40°-50°	30.9	7.0
50°-60°	12.6	2.8
60°-70°	7.9	1.8
70°-80°	4.3	1.0
80°-90°	1.3	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°	303.9	68.9
0°-40°	384.0	87.1
0°-60°	427.5	96.9
0°-90°	441.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	441.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	599	
5°	583	54
15°	454	125
25°	272	124
35°	128	80
45°	37	31
55°	14	13
65°	8	8
75°	4	4
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	599.0
2.5°	596.0
5°	583.1
7.5°	561.1
10°	531.8
12.5°	495.1
15°	453.6
17.5°	408.3
20°	362.5
22.5°	316.0
25°	272.0
27.5°	230.4
30°	191.9
32.5°	158.3
35°	127.8
37.5°	100.2
40°	74.6
42.5°	53.8
45°	37.3
47.5°	25.1
50°	18.3
52.5°	15.3
55°	14.1
57.5°	12.2
60°	11.0
62.5°	9.2
65°	7.9
67.5°	6.7
70°	5.5
72.5°	4.9
75°	4.3
77.5°	3.1
80°	2.4
82.5°	1.8
85°	1.2
87.5°	0.6
90°	0.0

(END OF REPORT)