

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: P1247652

Luminaire Tested: P3AS20R359024D010 E3DLP1GPH

Issue Date: 1/30/2026

**Test Information**

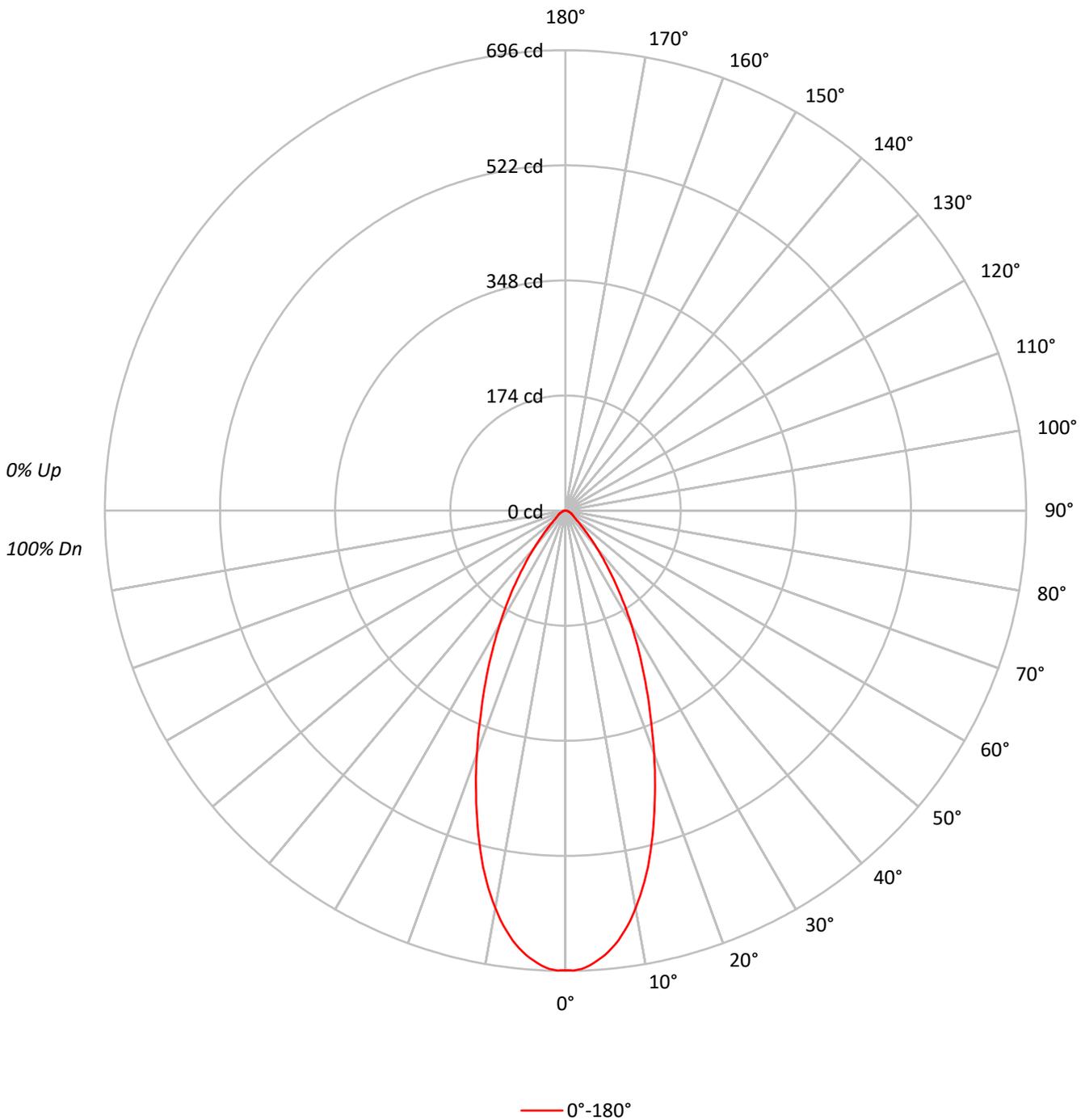
Test Method: LM-79-2019  
Report Number: P1247652  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS20R359024D010 E3DLP1GPH  
Description: 3in Adjustable LED luminaire with, R35 optic, 2400K CCT AND, 90CRI , E3DLP1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 474.0 lumens  
Efficiency: N/A  
Efficacy: 16.5 lumens/watt  
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 28.8  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93			
2	107	102	98	94	105	100	97	93	97	94	91	94	92	89	91	89	87	86			
3	102	95	90	86	100	94	89	85	91	87	84	89	85	82	86	84	81	80			
4	97	89	83	79	95	88	82	78	86	81	77	84	80	77	82	78	76	74			
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	69			
6	87	78	72	68	86	77	72	68	76	71	67	75	70	67	73	69	66	65			
7	83	74	68	63	82	73	67	63	72	67	63	71	66	63	69	65	62	61			
8	79	70	64	60	78	69	63	59	68	63	59	67	62	59	66	62	59	57			
9	76	66	60	56	75	66	60	56	65	59	56	64	59	56	63	59	56	54			
10	72	63	57	53	71	62	57	53	61	56	53	61	56	53	60	56	53	51			

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

	0°
0°	152356
5°	148602
10°	135847
15°	115324
20°	91288
25°	69052
30°	50261
35°	33997
40°	20896
45°	12001
50°	7232
55°	5849
60°	5131
65°	4566
70°	3719
75°	3728
80°	3662
85°	3774

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 12001 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	62.4	13.2
10°-20°	140.0	29.5
20°-30°	131.0	27.6
30°-40°	80.2	16.9
40°-50°	31.6	6.7
50°-60°	13.9	2.9
60°-70°	8.7	1.8
70°-80°	4.6	1.0
80°-90°	1.6	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°	333.4	70.3
0°-40°	413.6	87.3
0°-60°	459.1	96.9
0°-90°	474.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	474.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	695	
5°	675	62
15°	508	140
25°	285	131
35°	127	80
45°	39	32
55°	15	14
65°	9	9
75°	4	5
85°	2	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	694.8
1°	695.5
2°	693.3
3°	689.0
4°	682.4
5°	675.1
6°	665.6
7°	654.7
8°	641.5
9°	626.9
10°	610.1
11°	592.6
12°	573.6
13°	553.2
14°	530.6
15°	508.0
17.5°	449.6
20°	391.2
22.5°	335.0
25°	285.4
27.5°	239.4
30°	198.5
32.5°	160.6
35°	127.0
37.5°	97.1
40°	73.0
42.5°	52.5
45°	38.7
47.5°	27.7
50°	21.2
52.5°	17.5
55°	15.3
57.5°	13.1
60°	11.7
62.5°	10.2
65°	8.8
67.5°	7.3
70°	5.8
72.5°	5.1
75°	4.4
77.5°	3.6
80°	2.9
82.5°	2.2
85°	1.5
87.5°	0.7



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)