

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: P1252715

Luminaire Tested: P3AS20R359030D010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

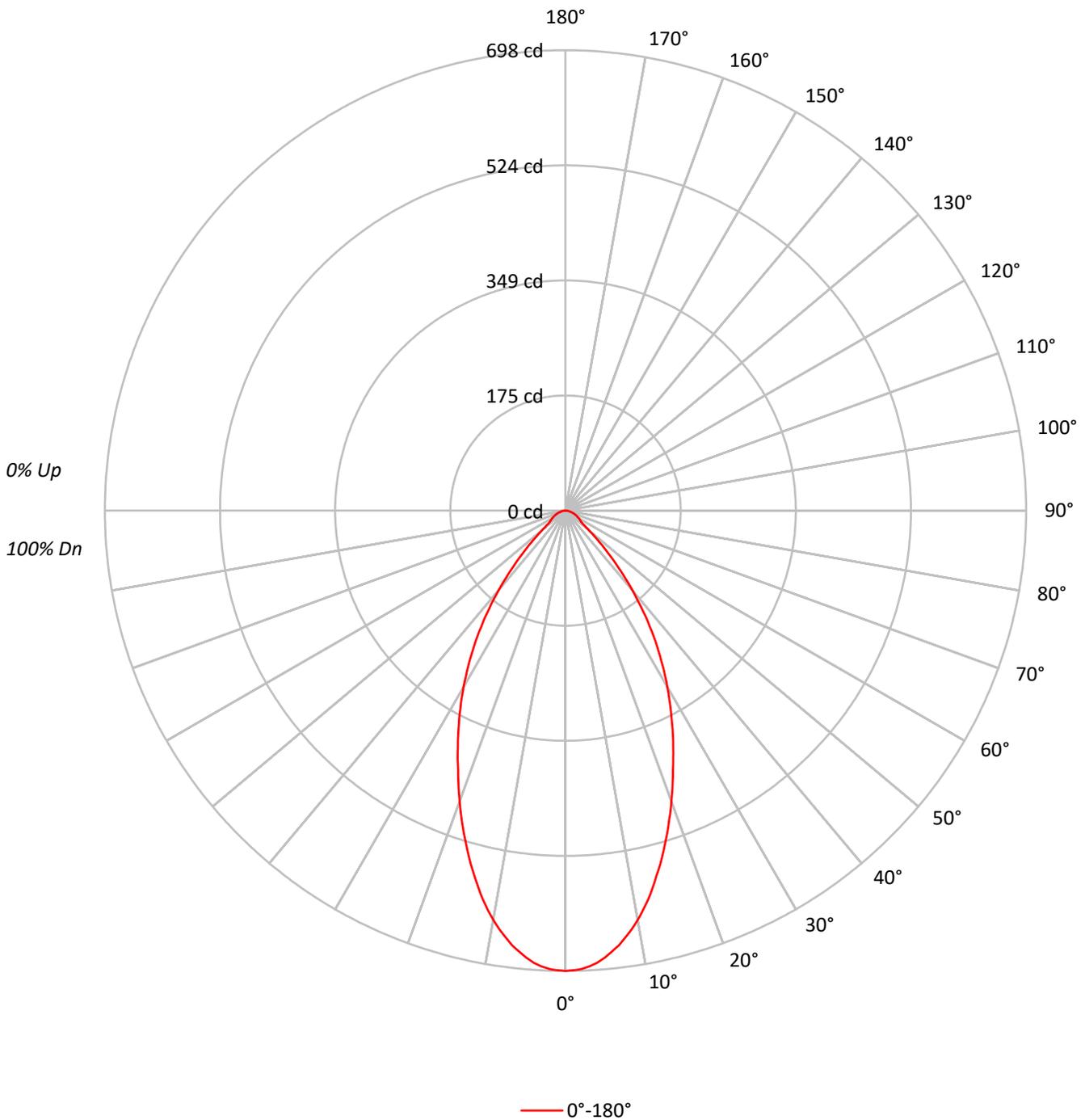
Test Method: LM-79-2019  
Report Number: P1252715  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS20R359030D010 E3DLD1GPH  
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 670.0 lumens  
Efficiency: N/A  
Efficacy: 23.3 lumens/watt  
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 28.8  
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			100
1	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91			91
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83			83
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76			76
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69			69
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64			64
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59			59
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55			55
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51			51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48			48
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	44			44

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

	0°
0°	153058
5°	149813
10°	140300
15°	125926
20°	109536
25°	93344
30°	78189
35°	62292
40°	45027
45°	28499
50°	15522
55°	10781
60°	10175
65°	9443
70°	9040
75°	7710
80°	7324
85°	6290

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 28499 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	63.3	9.5
10°-20°	154.4	23.0
20°-30°	176.9	26.4
30°-40°	144.4	21.5
40°-50°	72.8	10.9
50°-60°	27.1	4.0
60°-70°	18.1	2.7
70°-80°	10.1	1.5
80°-90°	3.0	0.5
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°	394.6	58.9
0°-40°	539.0	80.4
0°-60°	638.8	95.3
0°-90°	670.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	670.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	698	
5°	681	63
15°	555	154
25°	386	177
35°	233	144
45°	92	73
55°	28	27
65°	18	18
75°	9	10
85°	2	3
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	698.0
1°	697.1
2°	695.5
3°	692.2
4°	687.2
5°	680.6
6°	672.3
7°	664.0
8°	653.2
9°	642.5
10°	630.1
11°	616.8
12°	602.7
13°	587.0
14°	570.5
15°	554.7
17.5°	512.5
20°	469.4
22.5°	425.6
25°	385.8
27.5°	346.9
30°	308.8
32.5°	270.7
35°	232.7
37.5°	194.6
40°	157.3
42.5°	122.5
45°	91.9
47.5°	66.2
50°	45.5
52.5°	33.1
55°	28.2
57.5°	25.7
60°	23.2
62.5°	20.7
65°	18.2
67.5°	15.7
70°	14.1
72.5°	11.6
75°	9.1
77.5°	7.5
80°	5.8
82.5°	4.1
85°	2.5
87.5°	1.7



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)