

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: P1252772

Luminaire Tested: P3AS20R459030D010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

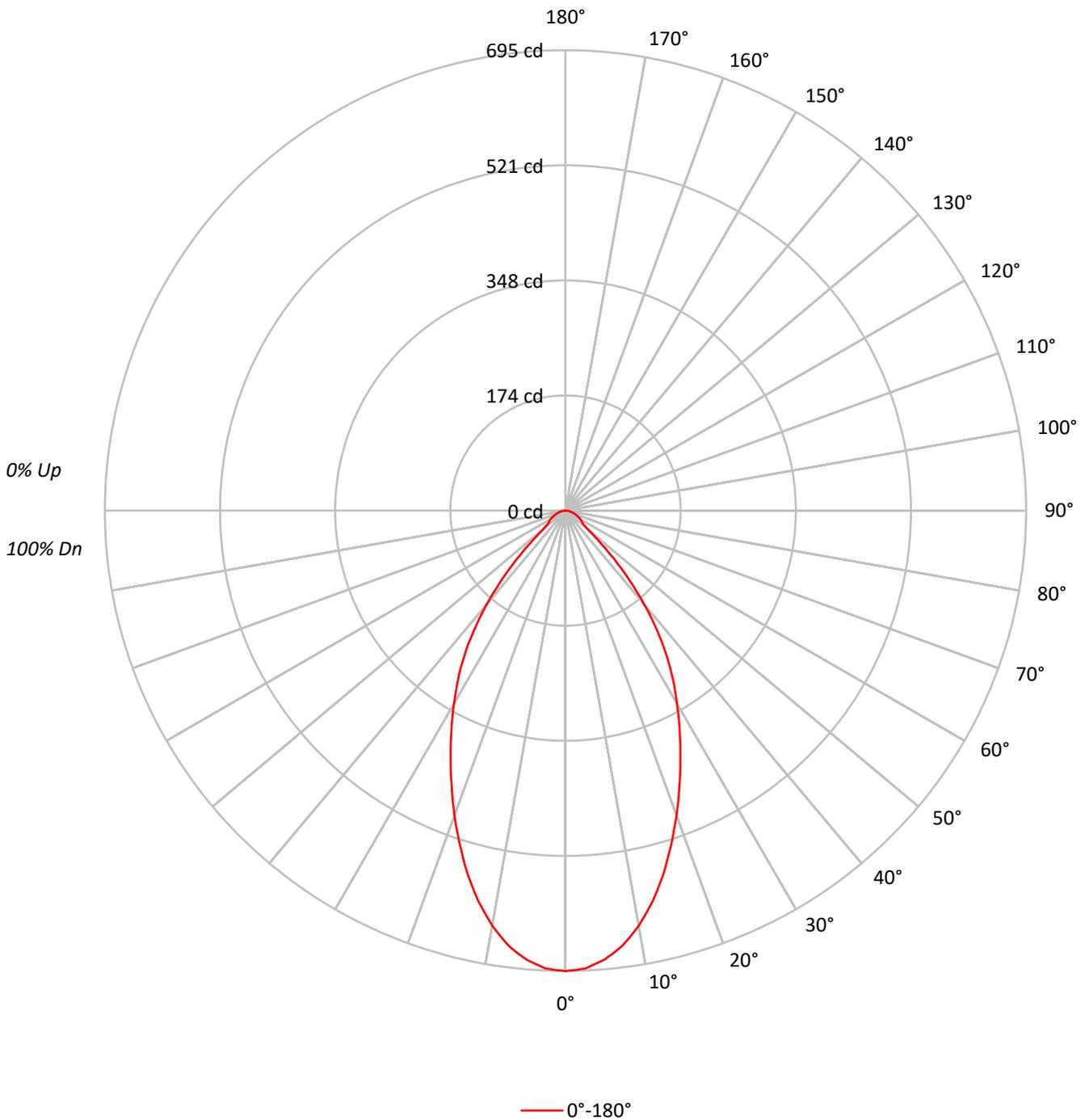
Test Method: LM-79-2019  
Report Number: P1252772  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS20R459030D010 E3DLD1GPH  
Description: 3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 90CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 719.1 lumens  
Efficiency: N/A  
Efficacy: 25.0 lumens/watt  
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92  
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	97	96	96	94	93	91			91
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	87	85	83			83
3	99	92	86	82	97	90	85	81	88	83	80	85	81	78	83	80	77	75			75
4	94	85	78	74	92	84	78	73	81	76	72	79	75	71	77	74	71	69			69
5	88	79	72	67	86	78	71	67	76	70	66	74	69	65	72	68	65	63			63
6	83	73	66	61	81	72	66	61	71	65	61	69	64	60	68	63	60	58			58
7	78	68	61	57	77	67	61	56	66	60	56	65	60	56	64	59	55	54			54
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	50			50
9	70	60	53	49	69	59	53	49	58	52	48	57	52	48	56	52	48	47			47
10	67	56	50	45	66	56	49	45	55	49	45	54	49	45	53	48	45	44			44

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

	0°
0°	152444
5°	149746
10°	141703
15°	129240
20°	114273
25°	99248
30°	85178
35°	70992
40°	52899
45°	32375
50°	14976
55°	11737
60°	11271
65°	10325
70°	9553
75°	9150
80°	8334
85°	6290

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 32375 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	63.6	8.8
10°-20°	158.5	22.0
20°-30°	188.3	26.2
30°-40°	163.6	22.8
40°-50°	82.1	11.4
50°-60°	28.5	4.0
60°-70°	20.0	2.8
70°-80°	11.1	1.5
80°-90°	3.4	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°	410.4	57.1
0°-40°	574.0	79.8
0°-60°	684.5	95.2
0°-90°	719.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	719.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	695	
5°	680	64
15°	569	158
25°	410	188
35°	265	164
45°	104	82
55°	31	29
65°	20	20
75°	11	11
85°	2	3
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	695.2
2.5°	691.9
5°	680.3
7.5°	662.1
10°	636.4
12.5°	604.9
15°	569.3
17.5°	529.5
20°	489.7
22.5°	449.1
25°	410.2
27.5°	372.9
30°	336.4
32.5°	301.6
35°	265.2
37.5°	226.2
40°	184.8
42.5°	144.2
45°	104.4
47.5°	68.8
50°	43.9
52.5°	34.0
55°	30.7
57.5°	28.2
60°	25.7
62.5°	23.2
65°	19.9
67.5°	17.4
70°	14.9
72.5°	12.4
75°	10.8
77.5°	8.3
80°	6.6
82.5°	5.0
85°	2.5
87.5°	1.7
90°	0.0

(END OF REPORT)