

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: P1272666

Luminaire Tested: P3AS20R359827D010 E3DL1GPH

Issue Date: 1/30/2026

**Test Information**

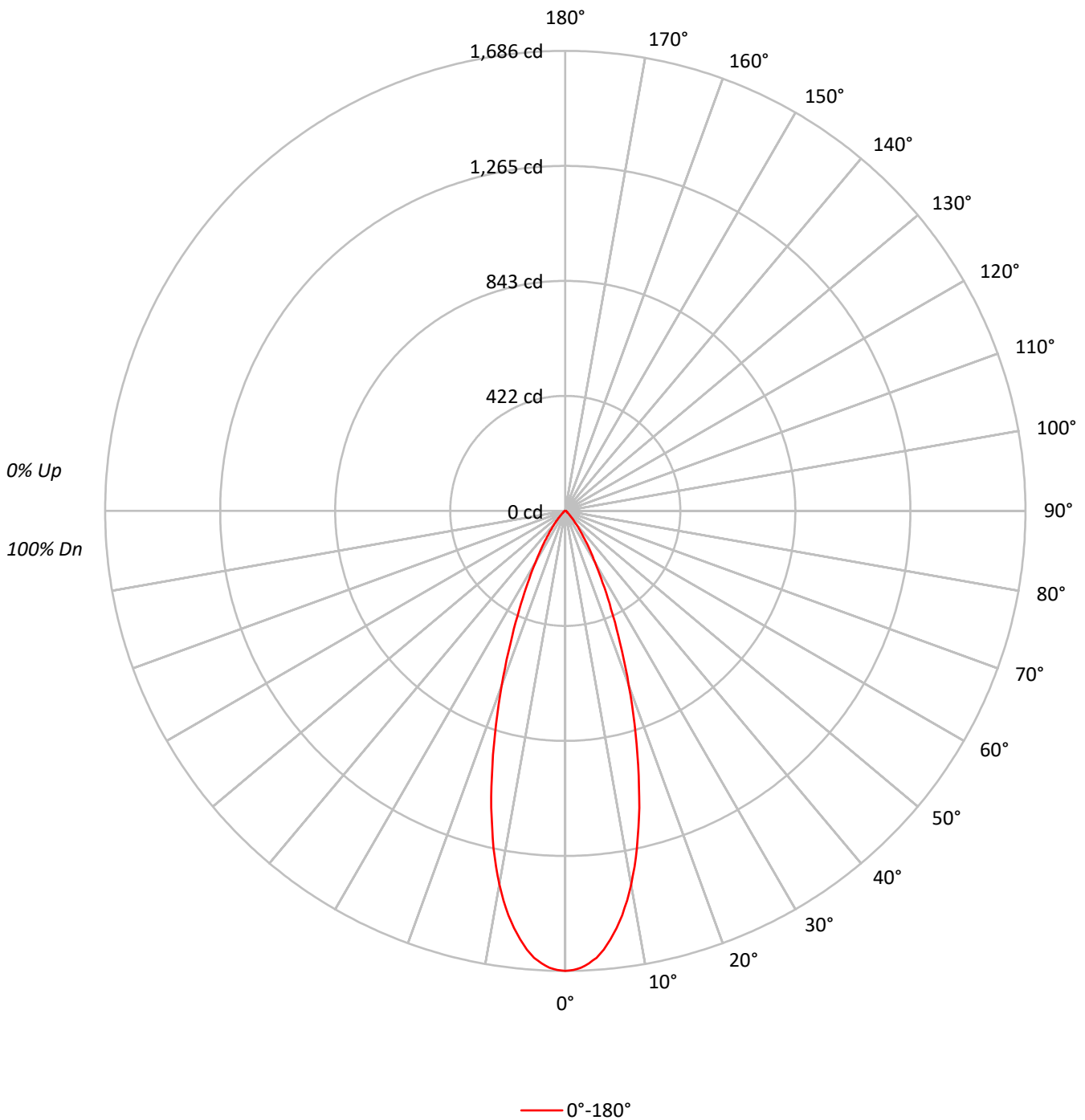
Test Method: LM-79-2019  
Report Number: P1272666  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS20R359827D010 E3DL1GPH  
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 98CRI , E3DL1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 733.0 lumens  
Efficiency: N/A  
Efficacy: 26.8 lumens/watt  
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58  
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	100	100
1	114	112	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	95	95	95	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	90	90	90	90
3	105	99	95	91	103	98	94	90	95	92	89	93	90	88	91	88	86	85	85	85	85
4	100	94	89	85	99	93	88	85	91	87	84	89	85	83	87	84	82	80	80	80	80
5	96	89	84	80	95	88	83	80	86	82	79	85	81	78	83	80	78	76	76	76	76
6	92	85	80	76	91	84	79	76	83	78	75	81	77	75	80	77	74	73	73	73	73
7	89	81	76	72	88	80	75	72	79	75	71	78	74	71	77	73	71	70	70	70	70
8	85	77	72	69	84	77	72	68	76	71	68	75	71	68	74	70	68	66	66	66	66
9	82	74	69	66	81	74	69	65	73	68	65	72	68	65	71	67	65	64	64	64	64
10	79	71	66	63	78	71	66	63	70	66	63	69	65	62	69	65	62	61	61	61	61

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

	0°
0°	369685
5°	355293
10°	309569
15°	237118
20°	158634
25°	95981
30°	55072
35°	30785
40°	16374
45°	8435
50°	4060
55°	3211
60°	3070
65°	2542
70°	2693
75°	2372
80°	2652
85°	1761

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 8435 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	146.9	20.0
10°-20°	284.6	38.8
20°-30°	186.3	25.4
30°-40°	75.6	10.3
40°-50°	22.7	3.1
50°-60°	7.7	1.1
60°-70°	5.2	0.7
70°-80°	3.0	0.4
80°-90°	1.0	0.1
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°	617.8	84.3
0°-40°	693.4	94.6
0°-60°	723.8	98.7
0°-90°	733.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	733.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1686	
5°	1614	147
15°	1044	285
25°	397	186
35°	115	76
45°	27	23
55°	8	8
65°	5	5
75°	3	3
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1685.9
1°	1683.1
2°	1675.5
3°	1660.1
4°	1642.0
5°	1614.1
6°	1579.3
7°	1540.2
8°	1496.3
9°	1446.1
10°	1390.3
11°	1328.3
12°	1263.4
13°	1190.9
14°	1121.9
15°	1044.5
17.5°	856.9
20°	679.8
22.5°	522.9
25°	396.7
27.5°	295.6
30°	217.5
32.5°	159.7
35°	115.0
37.5°	81.6
40°	57.2
42.5°	39.7
45°	27.2
47.5°	18.1
50°	11.9
52.5°	9.1
55°	8.4
57.5°	7.7
60°	7.0
62.5°	6.3
65°	4.9
67.5°	4.2
70°	4.2
72.5°	3.5
75°	2.8
77.5°	2.1
80°	2.1
82.5°	1.4
85°	0.7
87.5°	0.7



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)