

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: P1275815

Luminaire Tested: P3AS09R409835DE010 E3DLP1GPH

Issue Date: 1/30/2026

**Test Information**

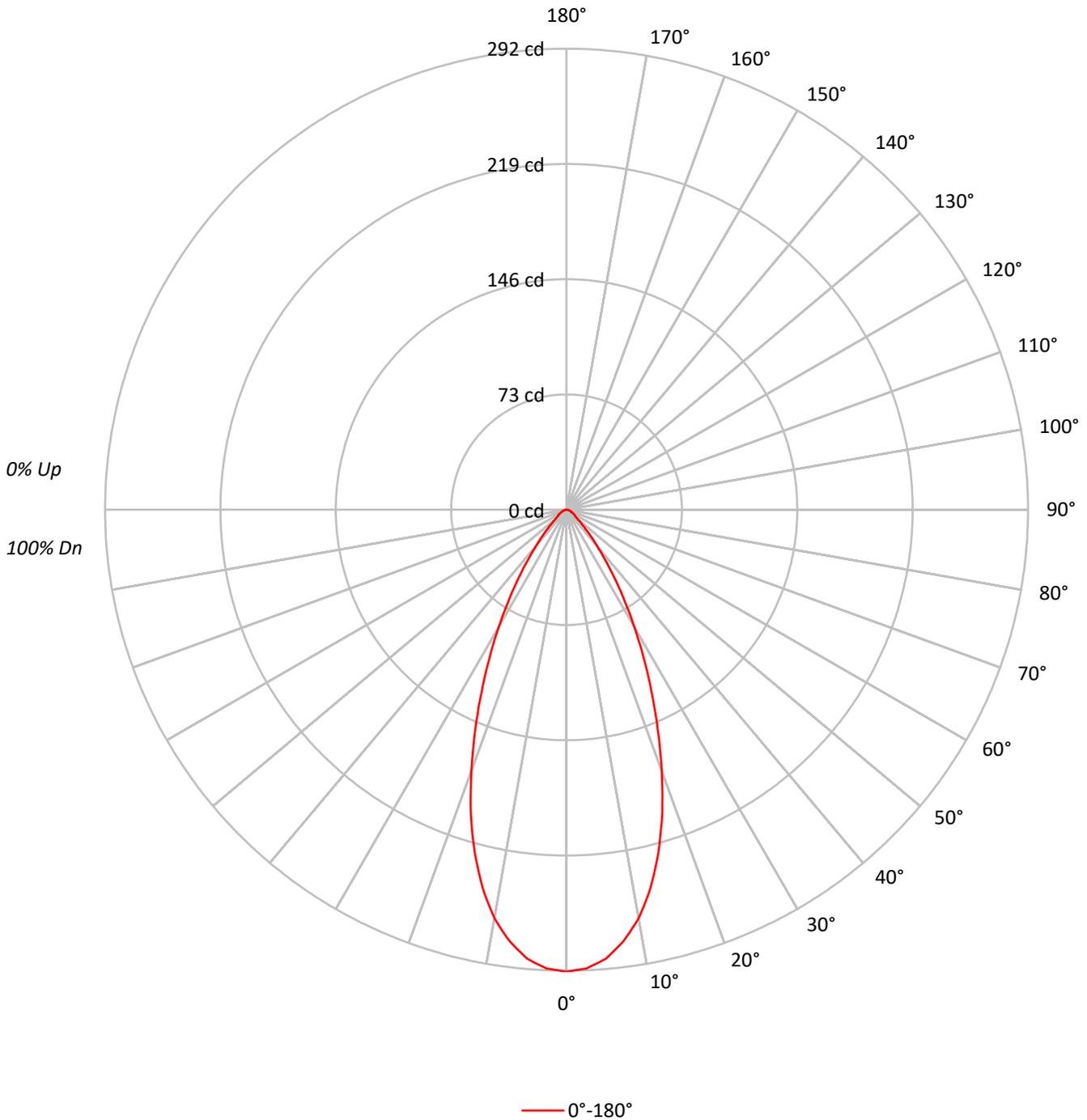
Test Method: LM-79-2019  
Report Number: P1275815  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R409835DE010 E3DLP1GPH  
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 98CRI , E3DLP1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 206.0 lumens  
Efficiency: N/A  
Efficacy: 18.7 lumens/watt  
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 11  
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				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	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93	93	93	93
2	107	102	98	95	105	101	97	94	97	94	91	94	92	89	92	89	88	86	86	86	86
3	102	95	90	86	100	94	89	85	91	87	84	89	85	83	86	84	81	80	80	80	80
4	97	89	83	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74	74	74	74
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	69	69	69	69
6	87	78	72	68	86	78	72	68	76	71	67	75	70	67	73	69	66	65	65	65	65
7	83	74	68	64	82	73	68	64	72	67	63	71	66	63	70	66	62	61	61	61	61
8	79	70	64	60	78	69	64	60	68	63	59	67	63	59	66	62	59	58	58	58	58
9	76	66	60	56	75	66	60	56	65	60	56	64	59	56	63	59	56	54	54	54	54
10	72	63	57	53	71	62	57	53	62	57	53	61	56	53	60	56	53	51	51	51	51

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

	0°
0°	64140
5°	62844
10°	58516
15°	50988
20°	41094
25°	30800
30°	21649
35°	14188
40°	8588
45°	5117
50°	3070
55°	2485
60°	2193
65°	1868
70°	1795
75°	1440
80°	1389
85°	1510

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 5117 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	26.5	12.9
10°-20°	61.9	30.0
20°-30°	58.3	28.3
30°-40°	33.7	16.4
40°-50°	13.4	6.5
50°-60°	6.0	2.9
60°-70°	3.7	1.8
70°-80°	1.9	0.9
80°-90°	0.6	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°	146.7	71.2
0°-40°	180.4	87.6
0°-60°	199.8	97.0
0°-90°	206.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	206.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	292	
5°	286	27
15°	225	62
25°	127	58
35°	53	34
45°	16	13
55°	6	6
65°	4	4
75°	2	2
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	292.5
2.5°	290.8
5°	285.5
7.5°	275.7
10°	262.8
12.5°	245.4
15°	224.6
17.5°	201.4
20°	176.1
22.5°	150.9
25°	127.3
27.5°	105.5
30°	85.5
32.5°	68.2
35°	53.0
37.5°	40.1
40°	30.0
42.5°	22.4
45°	16.5
47.5°	12.1
50°	9.0
52.5°	7.3
55°	6.5
57.5°	5.9
60°	5.0
62.5°	4.2
65°	3.6
67.5°	3.1
70°	2.8
72.5°	2.2
75°	1.7
77.5°	1.4
80°	1.1
82.5°	0.8
85°	0.6
87.5°	0.3
90°	0.0

(END OF REPORT)