

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: P1275755

Luminaire Tested: P3AS09R309835DE010 E3DLP1GPH

Issue Date: 1/30/2026

**Test Information**

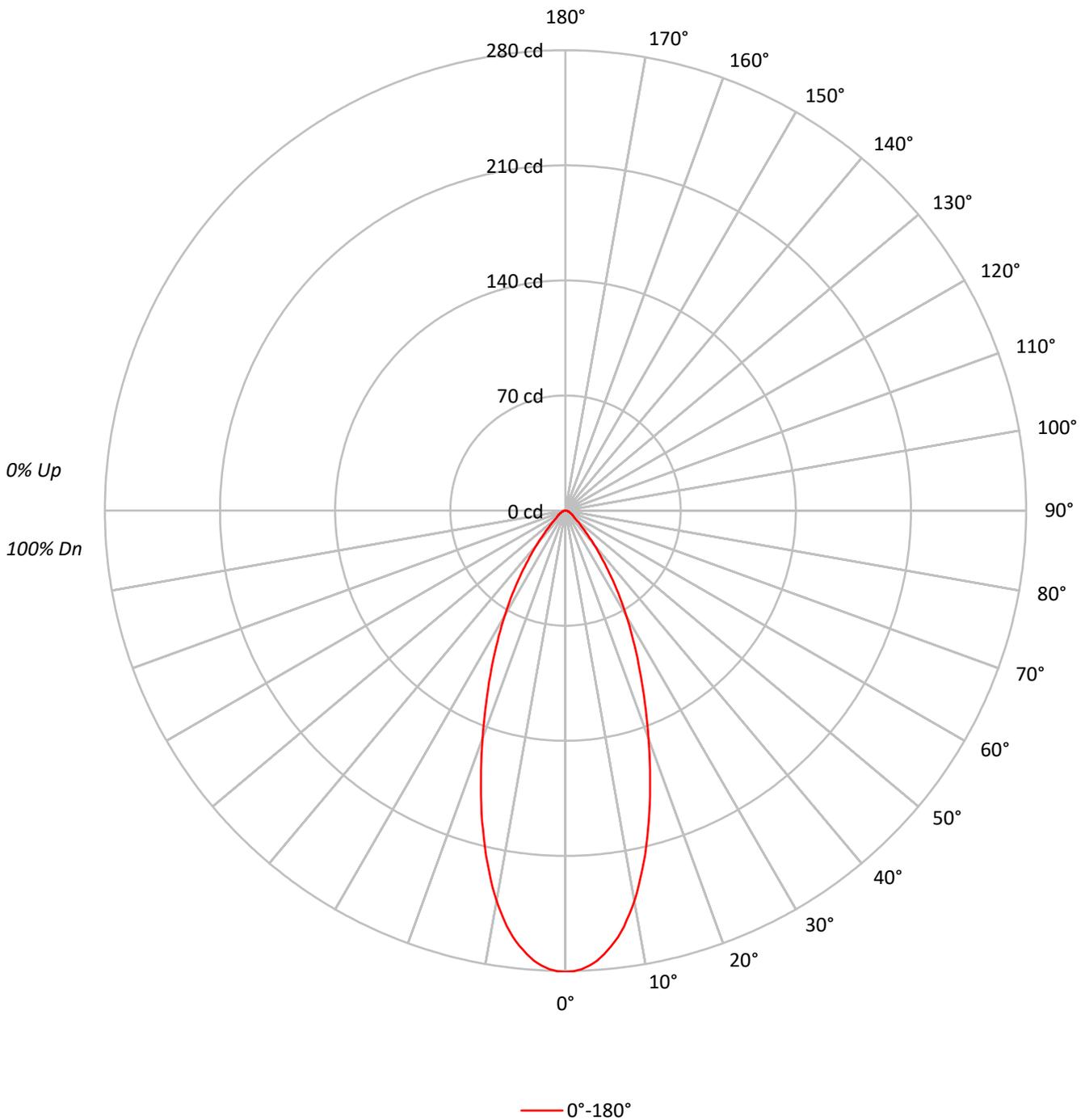
Test Method: LM-79-2019  
Report Number: P1275755  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R309835DE010 E3DLP1GPH  
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 98CRI , E3DLP1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 180.0 lumens  
Efficiency: N/A  
Efficacy: 16.4 lumens/watt  
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 11  
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
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93				93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86				86
3	102	95	90	86	100	94	89	85	91	87	84	89	86	83	87	84	81	80				80
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74				74
5	92	84	78	73	90	83	77	73	81	76	72	79	75	72	78	74	71	70				70
6	88	79	73	68	86	78	72	68	76	71	68	75	71	67	74	70	67	65				65
7	83	74	68	64	82	74	68	64	72	67	63	71	67	63	70	66	63	61				61
8	80	70	64	60	78	70	64	60	69	63	60	67	63	60	67	62	59	58				58
9	76	67	61	57	75	66	60	57	65	60	56	64	60	56	63	59	56	55				55
10	73	63	58	54	72	63	57	54	62	57	53	61	57	53	60	56	53	52				52

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

	0°
0°	61508
5°	59586
10°	53706
15°	44427
20°	34396
25°	25792
30°	18737
35°	12474
40°	7672
45°	4497
50°	2763
55°	2256
60°	1974
65°	1608
70°	1410
75°	1440
80°	1010
85°	1510

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 4497 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	24.9	13.8
10°-20°	53.9	29.9
20°-30°	49.0	27.2
30°-40°	29.6	16.5
40°-50°	11.9	6.6
50°-60°	5.3	2.9
60°-70°	3.2	1.8
70°-80°	1.7	1.0
80°-90°	0.5	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°	127.8	71.0
0°-40°	157.4	87.5
0°-60°	174.6	97.0
0°-90°	180.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	180.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	280	
5°	271	25
15°	196	54
25°	107	49
35°	47	30
45°	14	12
55°	6	5
65°	3	3
75°	2	2
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	280.5
1°	280.2
2°	279.1
3°	277.2
4°	274.4
5°	270.7
6°	266.3
7°	261.5
8°	255.4
9°	248.4
10°	241.2
11°	232.8
12°	223.8
13°	214.9
14°	205.1
15°	195.7
17.5°	170.8
20°	147.4
22.5°	125.6
25°	106.6
27.5°	89.3
30°	74.0
32.5°	59.7
35°	46.6
37.5°	35.7
40°	26.8
42.5°	19.5
45°	14.5
47.5°	10.9
50°	8.1
52.5°	6.4
55°	5.9
57.5°	5.0
60°	4.5
62.5°	3.6
65°	3.1
67.5°	2.8
70°	2.2
72.5°	2.0
75°	1.7
77.5°	1.4
80°	0.8
82.5°	0.6
85°	0.6
87.5°	0.3



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)