

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: P1254589

Luminaire Tested: P3AS13R159035DE010 E3DLP1GPH

Issue Date: 1/30/2026

**Test Information**

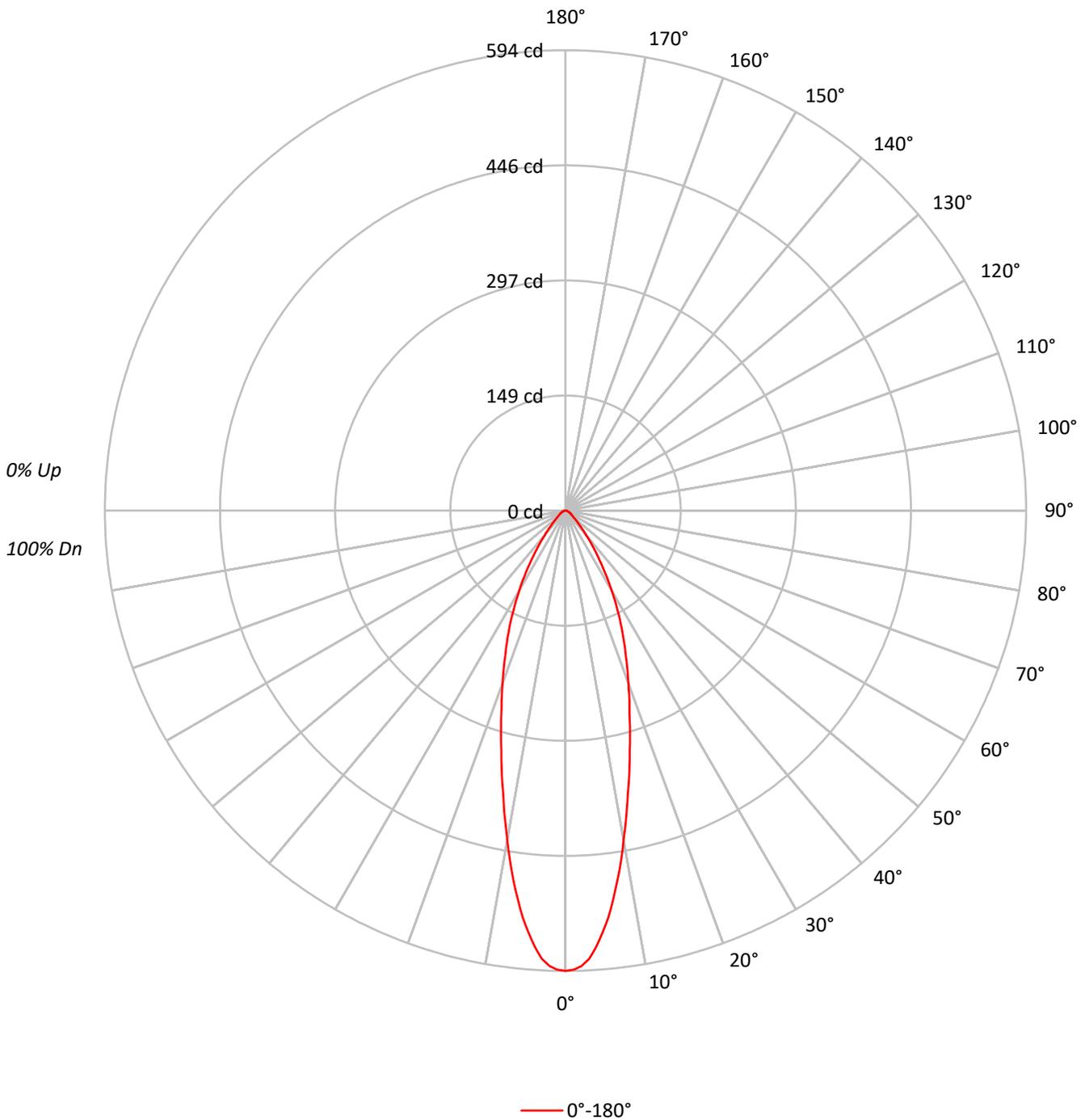
Test Method: LM-79-2019  
Report Number: P1254589  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R159035DE010 E3DLP1GPH  
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 90CRI , E3DLP1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 302.0 lumens  
Efficiency: N/A  
Efficacy: 20.7 lumens/watt  
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 14.6  
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	106	111	108	106	104	104	102	101	100	99	98	97	96	95	93	93	93	93
2	108	103	98	95	105	101	97	94	98	95	92	95	92	90	92	90	88	86	86	86	86
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	84	82	80	80	80	80
4	97	90	84	80	95	88	83	79	86	82	78	84	81	78	82	79	77	75	75	75	75
5	93	84	78	74	91	83	78	74	81	77	73	80	76	72	78	75	72	70	70	70	70
6	88	79	73	69	87	79	73	69	77	72	69	76	71	68	74	71	68	66	66	66	66
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	62	62	62	62
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	67	63	60	59	59	59	59
9	77	68	62	58	76	67	62	58	66	61	58	65	61	57	64	60	57	56	56	56	56
10	74	64	59	55	73	64	59	55	63	58	55	62	58	55	62	57	54	53	53	53	53

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

	0°
0°	130231
5°	120361
10°	96102
15°	72600
20°	55281
25°	42123
30°	30182
35°	19702
40°	12080
45°	7288
50°	4844
55°	3747
60°	3245
65°	2802
70°	2500
75°	2457
80°	1894
85°	1258

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 7288 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	48.4	16.0
10°-20°	89.4	29.6
20°-30°	79.6	26.3
30°-40°	47.1	15.6
40°-50°	19.3	6.4
50°-60°	9.1	3.0
60°-70°	5.5	1.8
70°-80°	2.9	1.0
80°-90°	0.7	0.2
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°	217.4	72.0
0°-40°	264.5	87.6
0°-60°	292.8	97.0
0°-90°	302.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	302.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	594	
5°	547	48
15°	320	89
25°	174	80
35°	74	47
45°	24	19
55°	10	9
65°	5	6
75°	3	3
85°	0	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	593.9
1°	592.4
2°	588.0
3°	579.2
4°	564.5
5°	546.8
6°	527.7
7°	505.1
8°	481.6
9°	457.6
10°	431.6
12.5°	372.2
15°	319.8
17.5°	274.6
20°	236.9
22.5°	203.5
25°	174.1
27.5°	145.7
30°	119.2
32.5°	95.1
35°	73.6
37.5°	56.4
40°	42.2
42.5°	31.4
45°	23.5
47.5°	18.1
50°	14.2
52.5°	11.8
55°	9.8
57.5°	8.3
60°	7.4
62.5°	6.4
65°	5.4
67.5°	4.9
70°	3.9
72.5°	3.4
75°	2.9
77.5°	2.0
80°	1.5
82.5°	1.0
85°	0.5
87.5°	0.5
90°	0.0

(END OF REPORT)