

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: P1269800

Luminaire Tested: P3AS13R259740DE010 E3DLP1LI

Issue Date: 1/30/2026

**Test Information**

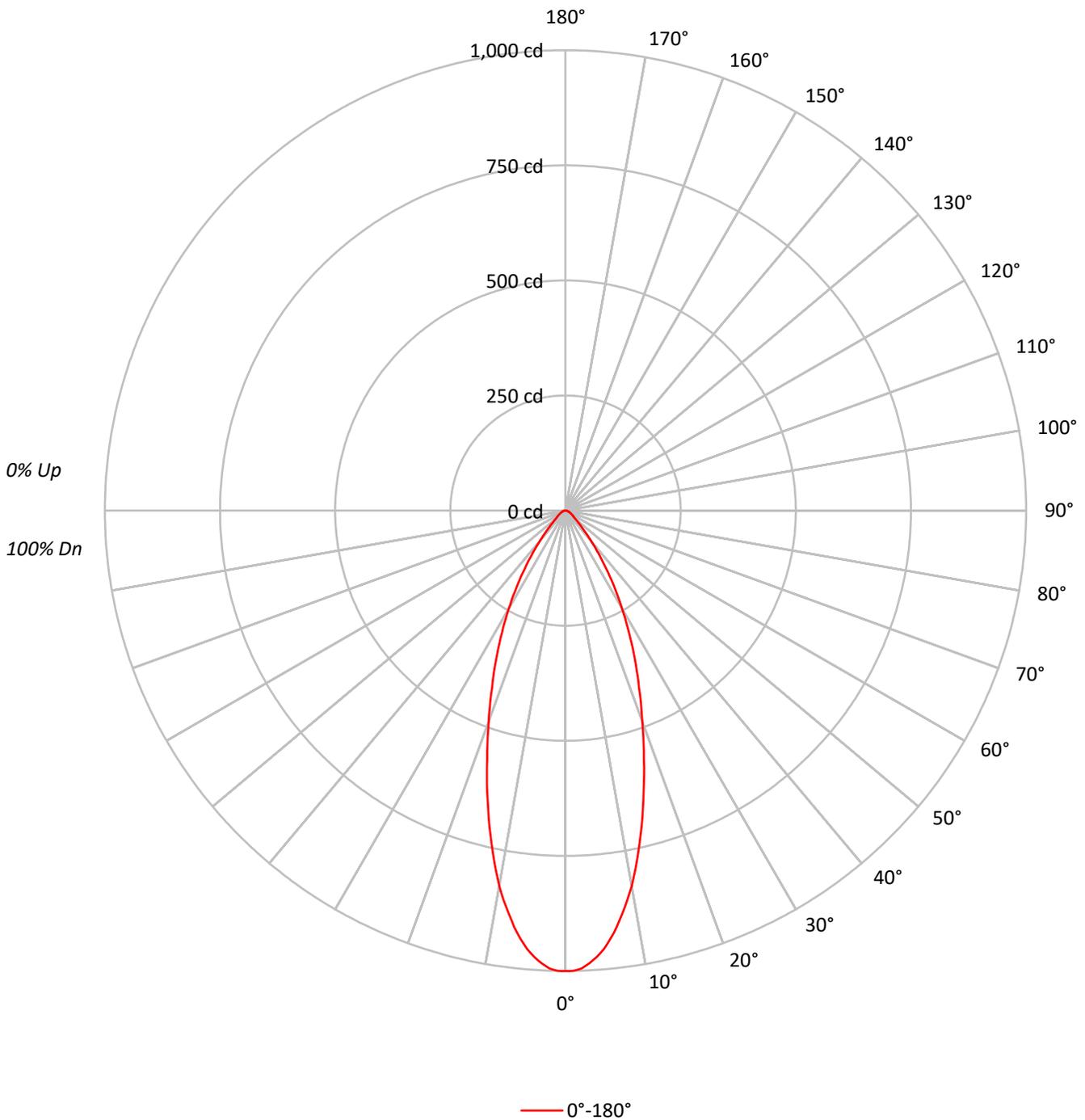
Test Method: LM-79-2019  
Report Number: P1269800  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R259740DE010 E3DLP1LI  
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3DLP1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 603.9 lumens  
Efficiency: N/A  
Efficacy: 41.4 lumens/watt  
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 14.6  
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	99	98	93
1	113	110	108	105	111	108	106	104	104	102	101	100	99	98	97	96	95	93	92	90	86
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86	87	84	82
3	102	95	90	86	100	94	89	86	91	87	84	89	86	83	87	84	82	80	84	80	75
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	75	82	79	76
5	92	84	78	74	91	83	77	73	81	76	73	79	75	72	78	74	71	70	78	74	71
6	88	79	73	69	86	78	72	68	77	72	68	75	71	67	74	70	67	66	74	70	67
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62	70	66	63
8	80	70	65	60	79	70	64	60	69	64	60	68	63	60	67	63	60	58	67	63	60
9	76	67	61	57	75	66	61	57	65	60	57	65	60	57	64	59	56	55	64	59	56
10	73	64	58	54	72	63	58	54	62	57	54	62	57	54	61	57	54	52	61	57	54

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

	0°
0°	219281
5°	210389
10°	184299
15°	148151
20°	113830
25°	86110
30°	62237
35°	41332
40°	25076
45°	14606
50°	9313
55°	7570
60°	6622
65°	5863
70°	4809
75°	4745
80°	3536
85°	4780

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 14606 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	87.0	14.4
10°-20°	180.5	29.9
20°-30°	163.2	27.0
30°-40°	98.0	16.2
40°-50°	38.9	6.4
50°-60°	18.0	3.0
60°-70°	10.9	1.8
70°-80°	5.8	1.0
80°-90°	1.7	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°	430.6	71.3
0°-40°	528.7	87.5
0°-60°	585.5	97.0
0°-90°	603.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	603.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1000	
5°	956	87
15°	653	180
25°	356	163
35°	154	98
45°	47	39
55°	20	18
65°	11	11
75°	6	6
85°	2	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1000.0
1°	1000.0
2°	995.3
3°	985.0
4°	971.8
5°	955.8
6°	935.0
7°	911.5
8°	884.2
9°	856.9
10°	827.7
11°	793.8
12°	759.0
13°	724.1
14°	689.3
15°	652.6
17.5°	565.9
20°	487.8
22.5°	417.1
25°	355.9
27.5°	298.5
30°	245.8
32.5°	197.7
35°	154.4
37.5°	117.7
40°	87.6
42.5°	64.0
45°	47.1
47.5°	35.8
50°	27.3
52.5°	22.6
55°	19.8
57.5°	16.9
60°	15.1
62.5°	12.2
65°	11.3
67.5°	9.4
70°	7.5
72.5°	6.6
75°	5.6
77.5°	4.7
80°	2.8
82.5°	1.9
85°	1.9
87.5°	0.9



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)