

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: P1255024

Luminaire Tested: P3AS17R259035DE010 E3DLP1H

Issue Date: 1/30/2026

**Test Information**

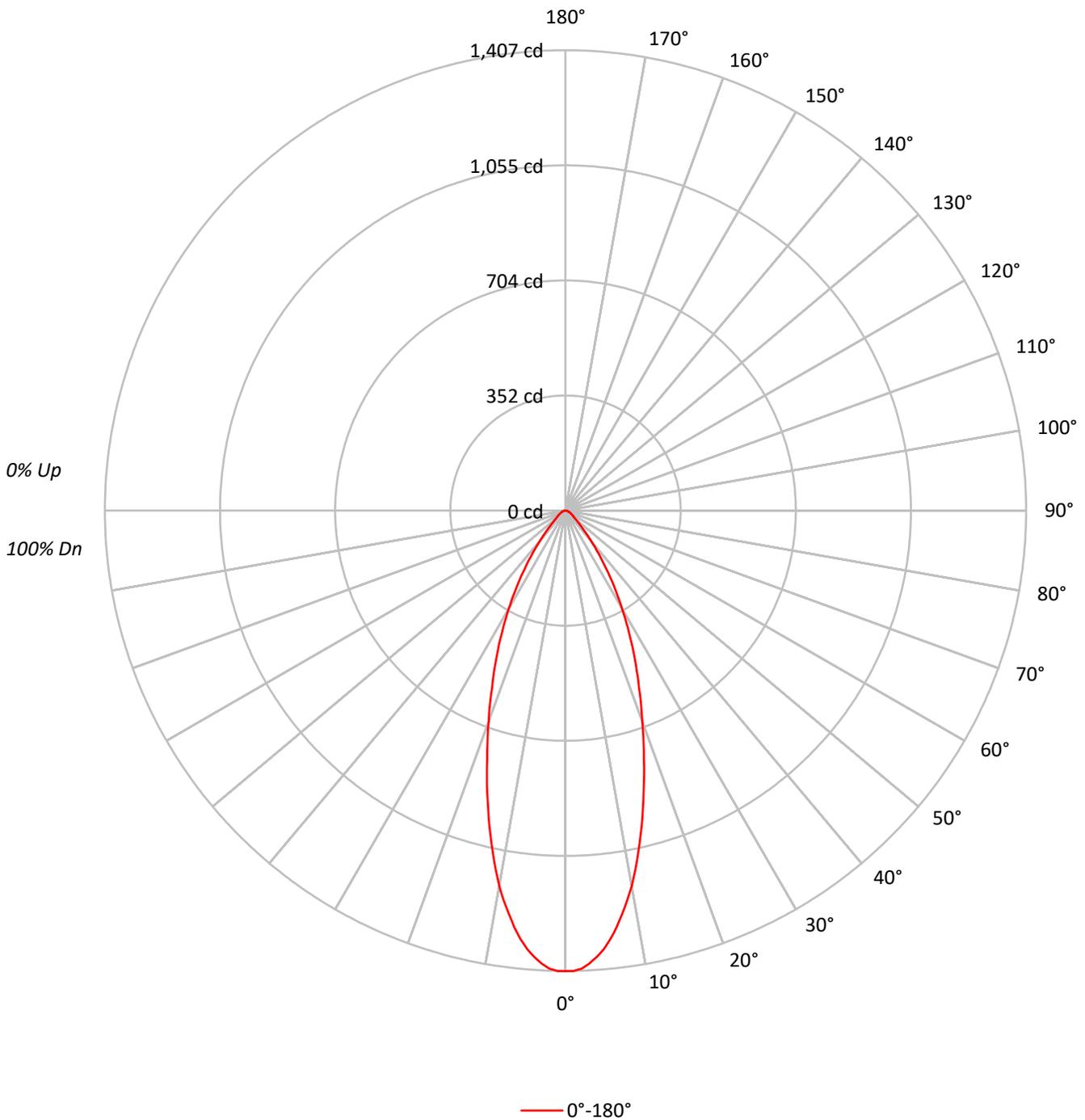
Test Method: LM-79-2019  
Report Number: P1255024  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R259035DE010 E3DLP1H  
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3DLP1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 850.0 lumens  
Efficiency: N/A  
Efficacy: 40.1 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): 21.2  
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	101	100	99	98	97	96	95	93	93	93	93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86	86	86	86
3	102	95	90	86	100	94	89	86	91	87	84	89	86	83	87	84	82	80	80	80	80
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	75	75	75	75
5	92	84	78	74	91	83	77	73	81	76	73	79	75	72	78	74	71	70	70	70	70
6	88	79	73	69	86	78	72	68	77	72	68	75	71	67	74	70	67	66	66	66	66
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62	62	62	62
8	80	70	65	60	79	70	64	60	69	64	60	68	63	60	67	63	60	58	58	58	58
9	76	67	61	57	75	66	61	57	65	60	57	65	60	57	64	59	56	55	55	55	55
10	73	64	58	54	72	63	58	54	62	57	54	62	57	54	61	57	54	52	52	52	52

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

	0°
0°	308594
5°	296059
10°	259358
15°	208469
20°	160174
25°	121192
30°	87583
35°	58170
40°	35266
45°	20560
50°	13100
55°	10628
60°	9298
65°	8250
70°	6796
75°	6778
80°	5051
85°	6793

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 20560 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	122.4	14.4
10°-20°	253.9	29.9
20°-30°	229.7	27.0
30°-40°	137.9	16.2
40°-50°	54.8	6.4
50°-60°	25.3	3.0
60°-70°	15.4	1.8
70°-80°	8.2	1.0
80°-90°	2.4	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°	606.0	71.3
0°-40°	744.0	87.5
0°-60°	824.0	96.9
0°-90°	850.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	850.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1407	
5°	1345	122
15°	918	254
25°	501	230
35°	217	138
45°	66	55
55°	28	25
65°	16	15
75°	8	8
85°	3	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1407.3
1°	1407.3
2°	1400.7
3°	1386.1
4°	1367.6
5°	1345.0
6°	1315.9
7°	1282.7
8°	1244.3
9°	1205.9
10°	1164.8
11°	1117.1
12°	1068.1
13°	1019.0
14°	970.0
15°	918.3
17.5°	796.4
20°	686.4
22.5°	587.0
25°	500.9
27.5°	420.1
30°	345.9
32.5°	278.3
35°	217.3
37.5°	165.6
40°	123.2
42.5°	90.1
45°	66.3
47.5°	50.4
50°	38.4
52.5°	31.8
55°	27.8
57.5°	23.9
60°	21.2
62.5°	17.2
65°	15.9
67.5°	13.3
70°	10.6
72.5°	9.3
75°	8.0
77.5°	6.6
80°	4.0
82.5°	2.7
85°	2.7
87.5°	1.3



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)