

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: P1249286

Luminaire Tested: P3AS13R359027DE010 E3DL1WMH

Issue Date: 1/30/2026

**Test Information**

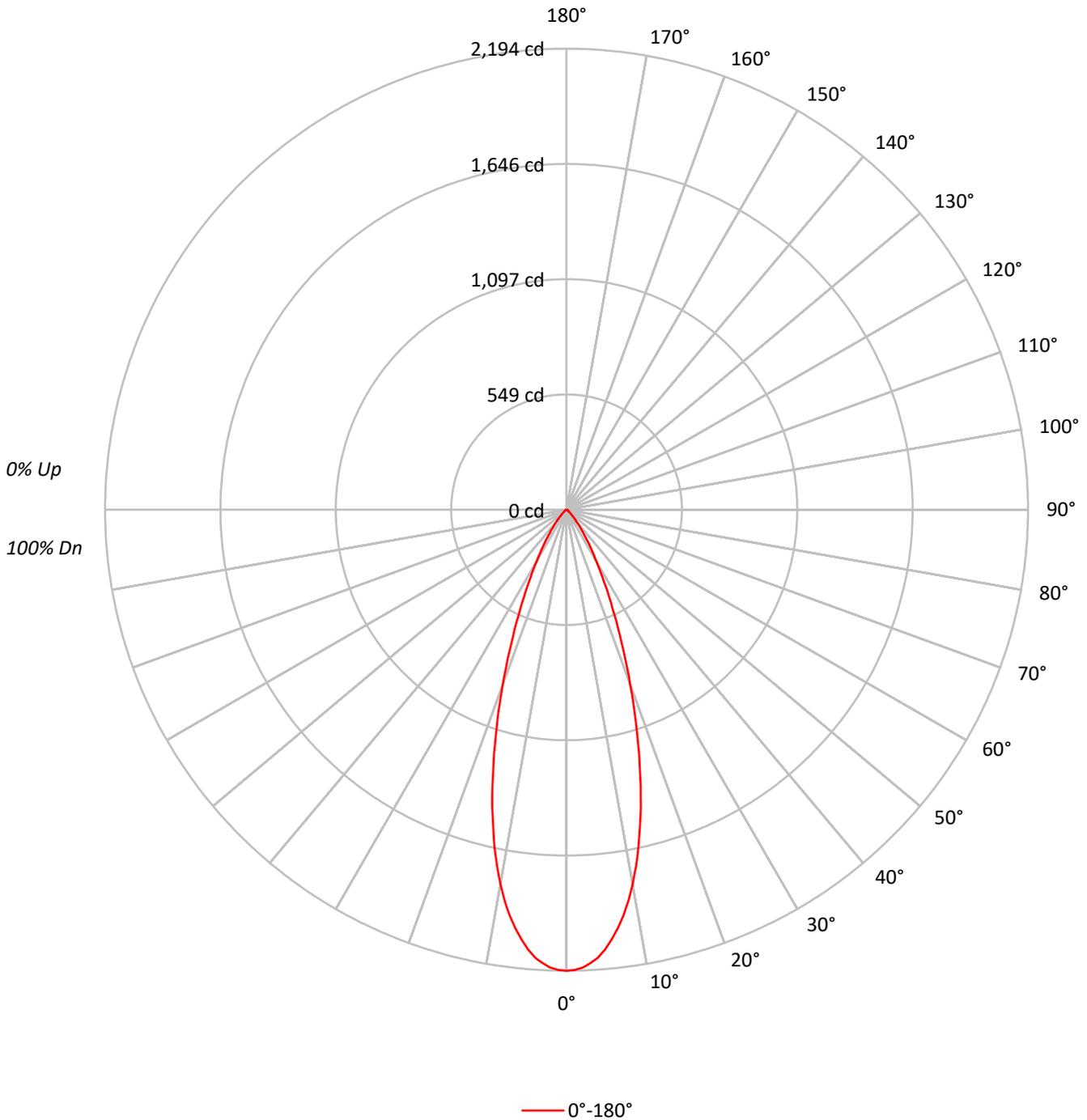
Test Method: LM-79-2019  
Report Number: P1249286  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R359027DE010 E3DL1WMH  
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3DL1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 954.0 lumens  
Efficiency: N/A  
Efficacy: 65.3 lumens/watt  
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58  
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				
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	114	112	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	95	95	95	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	90	90	90	90
3	105	99	95	91	103	98	94	90	95	92	89	93	90	88	91	88	86	85	85	85	85
4	100	94	89	85	99	93	88	85	91	87	84	89	85	83	87	84	82	80	80	80	80
5	96	89	84	80	95	88	83	80	86	82	79	85	81	78	83	80	78	77	77	77	77
6	92	85	80	76	91	84	79	76	83	78	75	81	77	75	80	77	74	73	73	73	73
7	89	81	76	72	88	80	75	72	79	75	71	78	74	71	77	73	71	70	70	70	70
8	85	77	72	69	84	77	72	69	76	71	68	75	71	68	74	70	68	67	67	67	67
9	82	74	69	66	81	74	69	65	73	68	65	72	68	65	71	68	65	64	64	64	64
10	79	71	66	63	78	71	66	63	70	66	63	69	65	62	69	65	62	61	61	61	61

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

	0°
0°	481146
5°	462425
10°	402909
15°	308606
20°	206471
25°	124919
30°	71682
35°	40074
40°	21297
45°	10978
50°	5254
55°	4167
60°	3991
65°	3321
70°	3462
75°	3050
80°	3410
85°	2264

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 10978 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	191.1	20.0
10°-20°	370.4	38.8
20°-30°	242.5	25.4
30°-40°	98.4	10.3
40°-50°	29.5	3.1
50°-60°	10.0	1.1
60°-70°	6.7	0.7
70°-80°	3.9	0.4
80°-90°	1.3	0.1
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°	804.0	84.3
0°-40°	902.4	94.6
0°-60°	942.0	98.7
0°-90°	954.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	954.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2194	
5°	2101	191
15°	1359	370
25°	516	242
35°	150	98
45°	35	30
55°	11	10
65°	6	7
75°	4	4
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	2194.2
1°	2190.6
2°	2180.6
3°	2160.7
4°	2137.1
5°	2100.8
6°	2055.4
7°	2004.6
8°	1947.4
9°	1882.1
10°	1809.5
11°	1728.7
12°	1644.3
13°	1549.9
14°	1460.1
15°	1359.4
17.5°	1115.3
20°	884.8
22.5°	680.6
25°	516.3
27.5°	384.8
30°	283.1
32.5°	207.8
35°	149.7
37.5°	106.2
40°	74.4
42.5°	51.7
45°	35.4
47.5°	23.6
50°	15.4
52.5°	11.8
55°	10.9
57.5°	10.0
60°	9.1
62.5°	8.2
65°	6.4
67.5°	5.4
70°	5.4
72.5°	4.5
75°	3.6
77.5°	2.7
80°	2.7
82.5°	1.8
85°	0.9
87.5°	0.9



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)