

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: P1251991

Luminaire Tested: P3AS13R359030DE010 E3DL1MW

Issue Date: 1/30/2026

**Test Information**

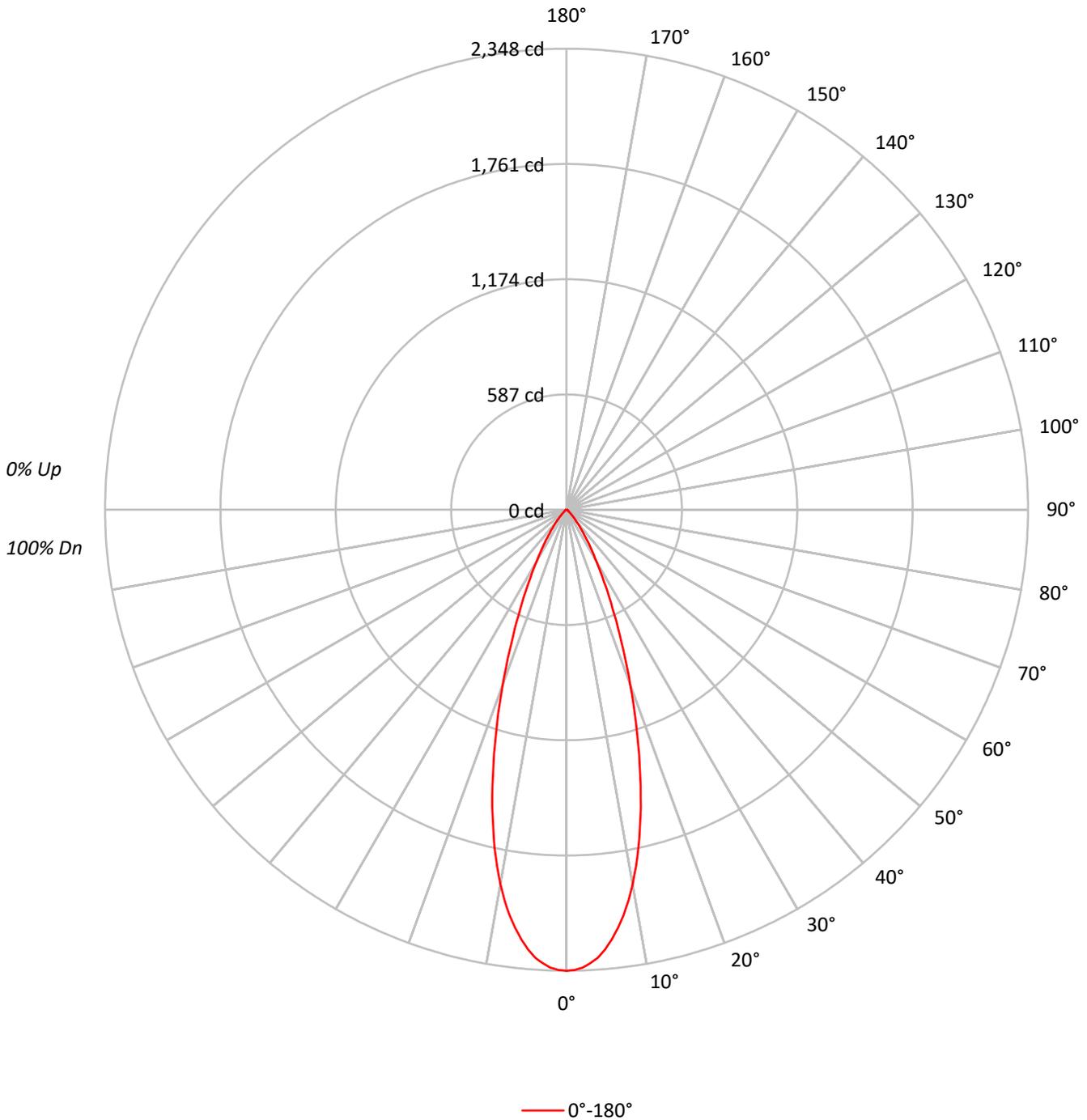
Test Method: LM-79-2019  
Report Number: P1251991  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R359030DE010 E3DL1MW  
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3DL1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1021.0 lumens  
Efficiency: N/A  
Efficacy: 69.9 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	76	76	76	76
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	68	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°	514959
5°	494892
10°	431210
15°	330286
20°	220963
25°	133701
30°	76721
35°	42884
40°	22786
45°	11753
50°	5629
55°	4473
60°	4254
65°	3528
70°	3719
75°	3304
80°	3662
85°	2516

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 11753 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	204.6	20.0
10°-20°	396.4	38.8
20°-30°	259.5	25.4
30°-40°	105.3	10.3
40°-50°	31.6	3.1
50°-60°	10.7	1.1
60°-70°	7.2	0.7
70°-80°	4.2	0.4
80°-90°	1.5	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°	860.5	84.3
0°-40°	965.8	94.6
0°-60°	1008.1	98.7
0°-90°	1021.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1021.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2348	
5°	2248	205
15°	1455	396
25°	553	260
35°	160	105
45°	38	32
55°	12	11
65°	7	7
75°	4	4
85°	1	1
90°	0	

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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	2348.4
1°	2344.5
2°	2333.8
3°	2312.4
4°	2287.2
5°	2248.3
6°	2199.8
7°	2145.4
8°	2084.2
9°	2014.3
10°	1936.6
11°	1850.1
12°	1759.8
13°	1658.8
14°	1562.7
15°	1454.9
17.5°	1193.6
20°	946.9
22.5°	728.4
25°	552.6
27.5°	411.8
30°	303.0
32.5°	222.4
35°	160.2
37.5°	113.6
40°	79.6
42.5°	55.4
45°	37.9
47.5°	25.3
50°	16.5
52.5°	12.6
55°	11.7
57.5°	10.7
60°	9.7
62.5°	8.7
65°	6.8
67.5°	5.8
70°	5.8
72.5°	4.9
75°	3.9
77.5°	2.9
80°	2.9
82.5°	1.9
85°	1.0
87.5°	1.0



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)