

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: P1257793

Luminaire Tested: P3AS17R359040DE010 E3DLP1MW

Issue Date: 1/30/2026

**Test Information**

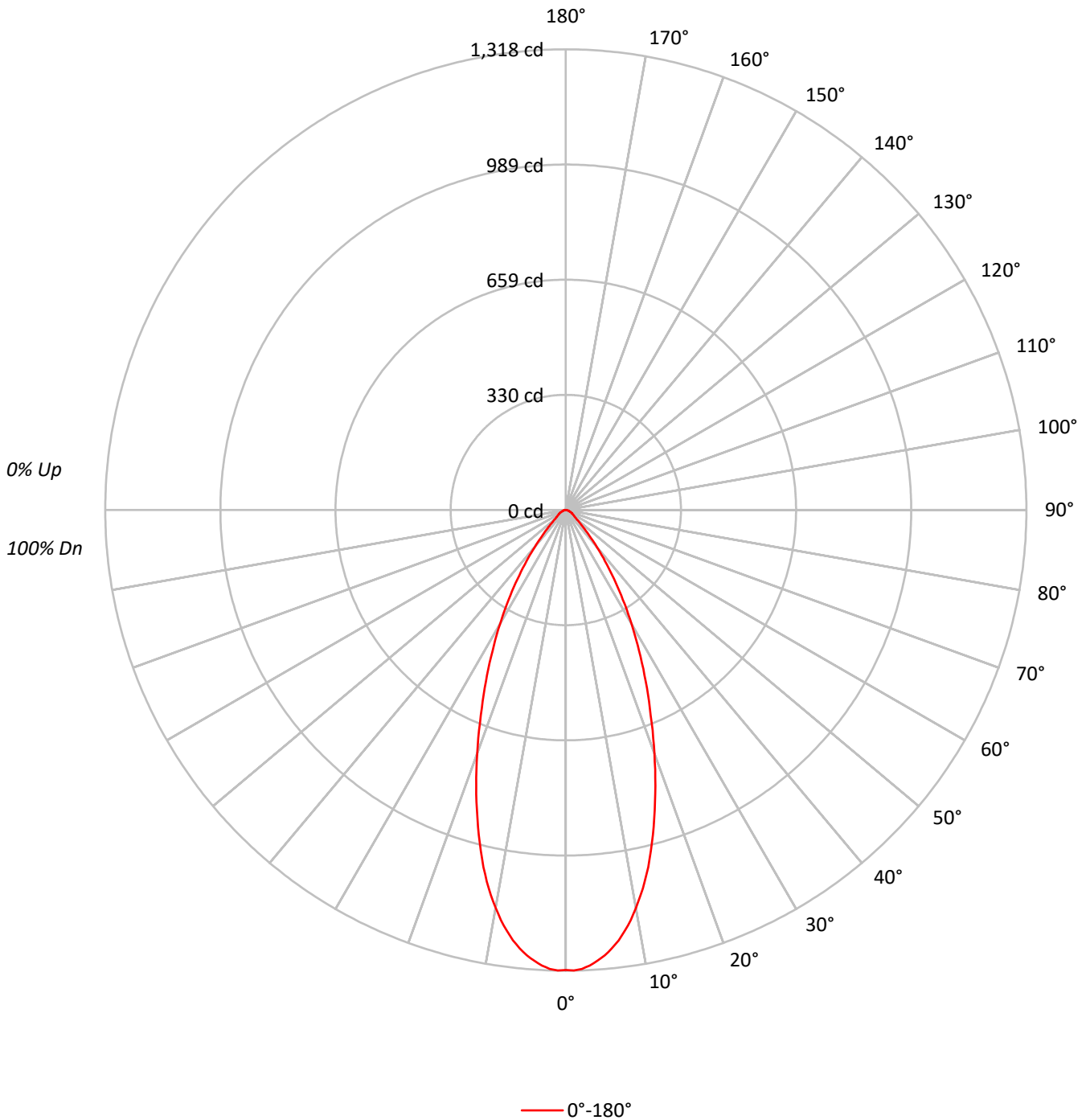
Test Method: LM-79-2019  
Report Number: P1257793  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R359040DE010 E3DLP1MW  
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , E3DLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 898.0 lumens  
Efficiency: N/A  
Efficacy: 42.4 lumens/watt  
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 21.2  
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			
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93			
2	107	102	98	94	105	100	97	93	97	94	91	94	92	89	91	89	87	86			
3	102	95	90	86	100	94	89	85	91	87	84	89	85	82	86	84	81	80			
4	97	89	83	79	95	88	82	78	86	81	77	84	80	77	82	78	76	74			
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	69			
6	87	78	72	68	86	77	72	68	76	71	67	75	70	67	73	69	66	65			
7	83	74	68	63	82	73	67	63	72	67	63	71	66	63	69	65	62	61			
8	79	70	64	60	78	69	63	59	68	63	59	67	62	59	66	62	59	57			
9	76	66	60	56	75	66	60	56	65	59	56	64	59	56	63	59	56	54			
10	72	63	57	53	71	62	57	53	61	56	53	61	56	53	60	56	53	51			

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

	0°
0°	288639
5°	281531
10°	257377
15°	218458
20°	172938
25°	130798
30°	95230
35°	64407
40°	39588
45°	22731
50°	13680
55°	11087
60°	9692
65°	8613
70°	7117
75°	7032
80°	6945
85°	7045

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 22731 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	118.2	13.2
10°-20°	265.3	29.5
20°-30°	248.2	27.6
30°-40°	151.9	16.9
40°-50°	59.9	6.7
50°-60°	26.4	2.9
60°-70°	16.4	1.8
70°-80°	8.8	1.0
80°-90°	3.0	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°	631.7	70.3
0°-40°	783.6	87.3
0°-60°	869.8	96.9
0°-90°	898.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	898.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1316	
5°	1279	118
15°	962	265
25°	541	248
35°	241	152
45°	73	60
55°	29	26
65°	17	16
75°	8	9
85°	3	3
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1316.3
1°	1317.7
2°	1313.5
3°	1305.2
4°	1292.8
5°	1279.0
6°	1261.0
7°	1240.3
8°	1215.4
9°	1187.7
10°	1155.9
11°	1122.7
12°	1086.8
13°	1048.1
14°	1005.2
15°	962.3
17.5°	851.7
20°	741.1
22.5°	634.6
25°	540.6
27.5°	453.5
30°	376.1
32.5°	304.2
35°	240.6
37.5°	183.9
40°	138.3
42.5°	99.6
45°	73.3
47.5°	52.5
50°	40.1
52.5°	33.2
55°	29.0
57.5°	24.9
60°	22.1
62.5°	19.4
65°	16.6
67.5°	13.8
70°	11.1
72.5°	9.7
75°	8.3
77.5°	6.9
80°	5.5
82.5°	4.1
85°	2.8
87.5°	1.4



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)