

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: P1272529

Luminaire Tested: P3AS17R709827DE010 E3DLP1GPH

Issue Date: 1/30/2026

**Test Information**

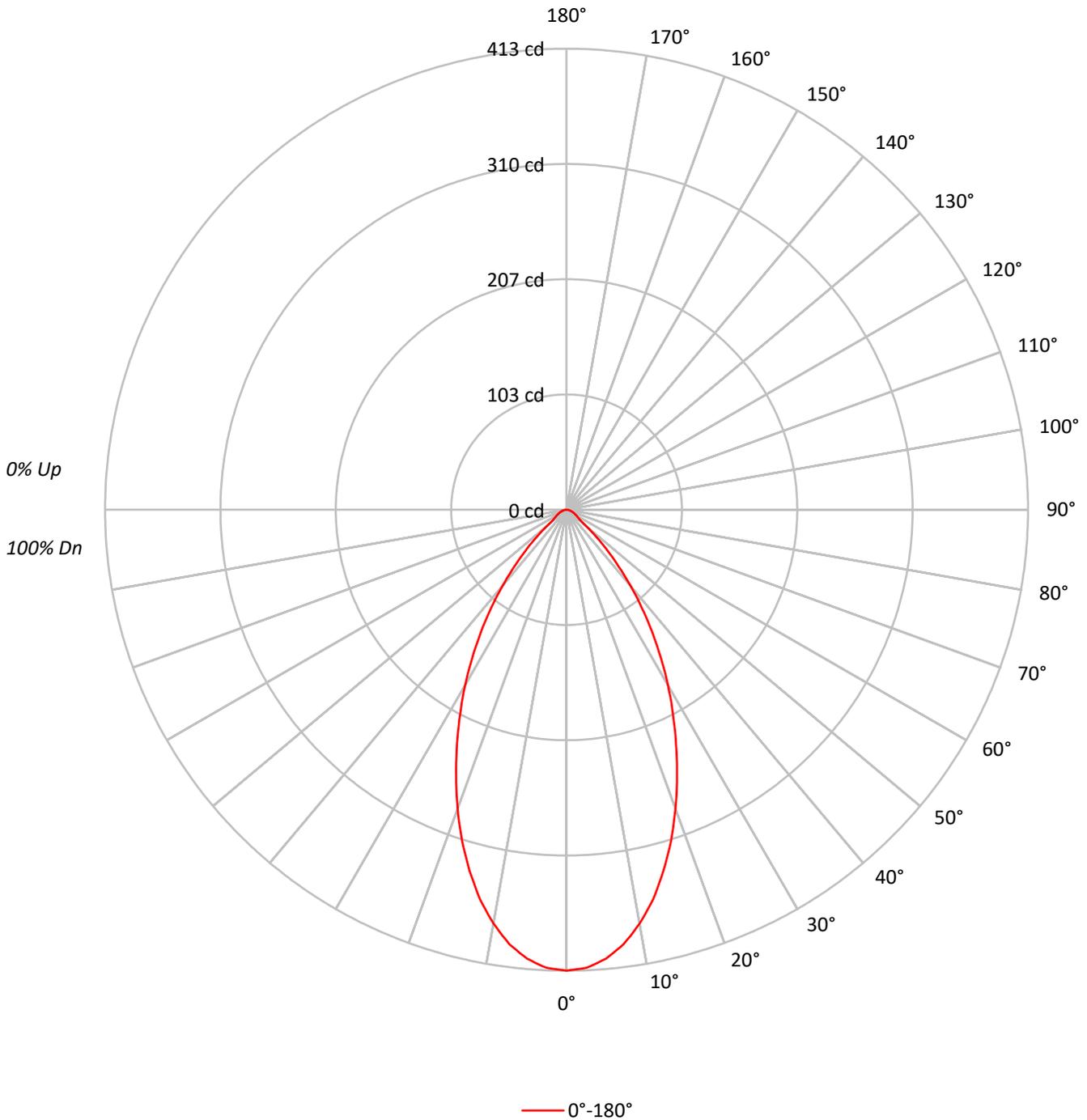
Test Method: LM-79-2019  
Report Number: P1272529  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R709827DE010 E3DLP1GPH  
Description: 3in Adjustable LED luminaire with, R70 optic, 2700K CCT AND, 98CRI , E3DLP1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 386.0 lumens  
Efficiency: N/A  
Efficacy: 18.9 lumens/watt  
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 20.4  
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				
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	107	104	110	107	105	103	103	101	100	100	98	97	96	95	94	92			
2	106	101	97	93	104	99	95	92	96	93	90	93	90	88	90	88	86	84			
3	100	93	88	83	98	92	87	83	89	85	81	87	83	80	84	81	79	77			
4	95	86	80	76	93	85	80	75	83	78	74	81	77	73	79	76	73	71			
5	89	80	74	69	88	79	73	69	78	72	68	76	71	68	74	70	67	65			
6	85	75	68	64	83	74	68	64	73	67	63	71	66	63	70	65	62	61			
7	80	70	64	59	79	69	63	59	68	62	58	67	62	58	66	61	58	56			
8	76	66	59	55	75	65	59	55	64	58	54	63	58	54	62	57	54	52			
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49			
10	69	58	52	48	67	58	52	48	57	51	48	56	51	48	55	51	47	46			

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

	0°
0°	90541
5°	88884
10°	83811
15°	76050
20°	66529
25°	56132
30°	45956
35°	35657
40°	25505
45°	16157
50°	8051
55°	4932
60°	4254
65°	3891
70°	3462
75°	3219
80°	2652
85°	2768

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 16157 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	37.7	9.8
10°-20°	93.2	24.1
20°-30°	106.2	27.5
30°-40°	83.0	21.5
40°-50°	40.8	10.6
50°-60°	12.6	3.3
60°-70°	7.4	1.9
70°-80°	4.0	1.0
80°-90°	1.2	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°	237.1	61.4
0°-40°	320.1	82.9
0°-60°	373.5	96.7
0°-90°	386.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	386.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	413	
5°	404	38
15°	335	93
25°	232	106
35°	133	83
45°	52	41
55°	13	13
65°	8	7
75°	4	4
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	412.9
2.5°	410.8
5°	403.8
7.5°	392.5
10°	376.4
12.5°	357.6
15°	335.0
17.5°	310.9
20°	285.1
22.5°	258.3
25°	232.0
27.5°	206.2
30°	181.5
32.5°	156.8
35°	133.2
37.5°	110.6
40°	89.1
42.5°	69.3
45°	52.1
47.5°	36.5
50°	23.6
52.5°	15.6
55°	12.9
57.5°	11.3
60°	9.7
62.5°	8.6
65°	7.5
67.5°	6.4
70°	5.4
72.5°	4.3
75°	3.8
77.5°	3.2
80°	2.1
82.5°	1.6
85°	1.1
87.5°	0.5
90°	0.0

(END OF REPORT)