

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: P1265560

Luminaire Tested: P3A17R559730DE010 E3DLP1GPH

Issue Date: 1/30/2026

**Test Information**

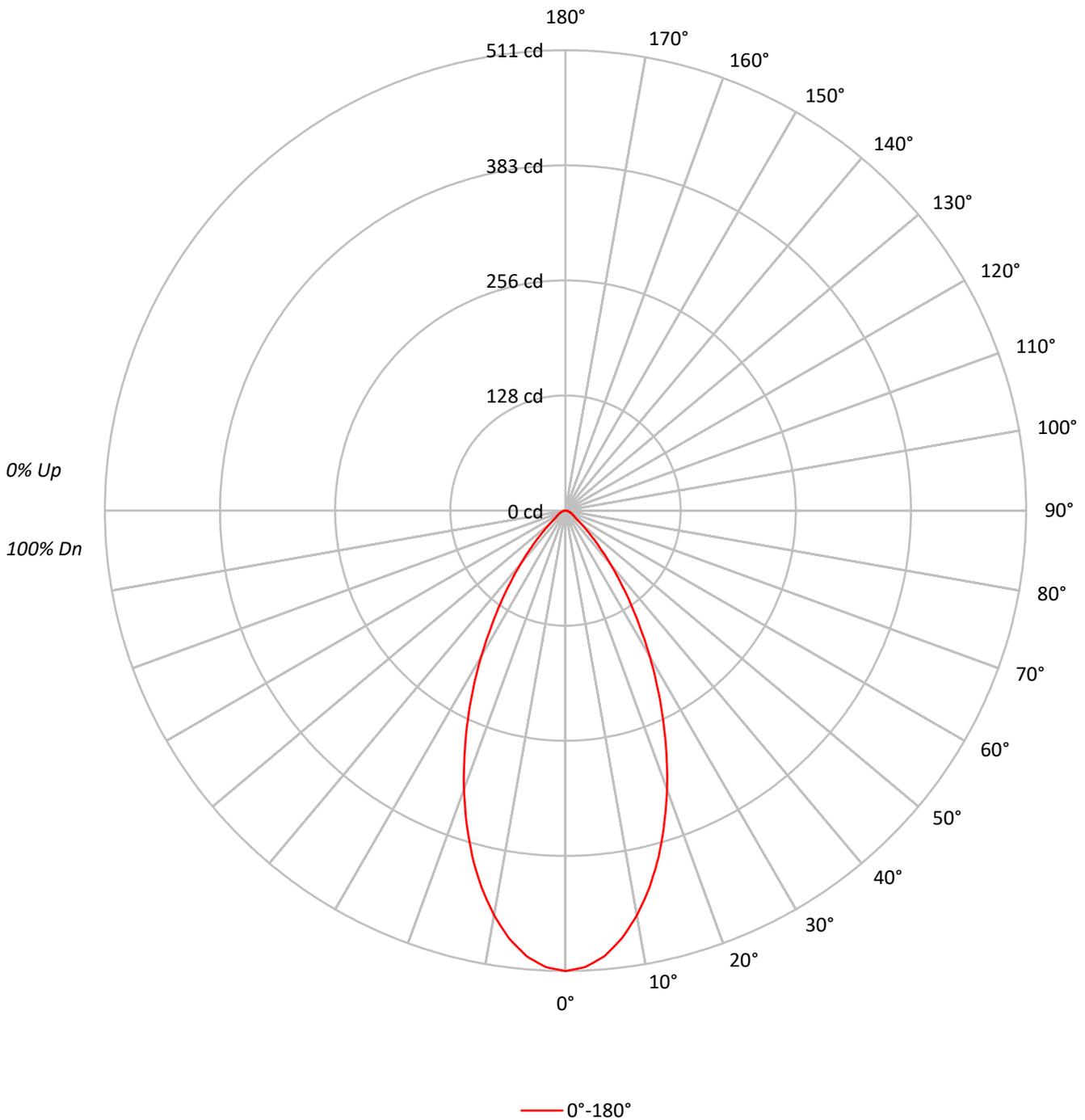
Test Method: LM-79-2019  
Report Number: P1265560  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A17R559730DE010 E3DLP1GPH  
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 97CRI , E3DLP1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 412.0 lumens  
Efficiency: N/A  
Efficacy: 19.4 lumens/watt  
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8  
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

TEST NUMBER: P1265560  
CATALOG NUMBER: P3A17R559730DE010 E3DLP1GPH

### Luminous Intensity Polar Plot





TEST NUMBER: P1265560  
 CATALOG NUMBER: P3A17R559730DE010 E3DLP1GPH

**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
1	113	110	107	105	110	108	105	103	104	102	100	100	98	97	97	95	94	92				92
2	107	102	97	94	105	100	96	93	97	93	91	94	91	89	91	89	87	85				85
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	85	83	80	79				79
4	96	88	82	77	94	87	81	77	84	80	76	82	78	75	80	77	74	73				73
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	67				67
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	68	64	63				63
7	82	72	66	61	80	71	65	61	70	65	61	69	64	60	68	63	60	59				59
8	78	68	62	57	76	67	61	57	66	61	57	65	60	57	64	60	56	55				55
9	74	64	58	54	73	63	58	54	62	57	53	62	57	53	61	56	53	52				52
10	70	60	55	51	69	60	54	50	59	54	50	58	54	50	58	53	50	49				49

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

	0°
0°	112074
5°	109267
10°	101579
15°	90466
20°	76867
25°	62036
30°	47298
35°	33649
40°	22184
45°	13180
50°	7710
55°	4779
60°	4210
65°	3840
70°	3270
75°	2881
80°	2904
85°	2768

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 13180 cd/sqm



TEST NUMBER: P1265560  
 CATALOG NUMBER: P3A17R559730DE010 E3DLP1GPH

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	46.1	11.2
10°-20°	110.5	26.8
20°-30°	117.0	28.4
30°-40°	79.1	19.2
40°-50°	34.6	8.4
50°-60°	12.4	3.0
60°-70°	7.3	1.8
70°-80°	3.8	0.9
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°	273.6	66.4
0°-40°	352.6	85.6
0°-60°	399.7	97.0
0°-90°	412.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	412.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	511	
5°	496	46
15°	398	110
25°	256	117
35°	126	79
45°	42	35
55°	12	12
65°	7	7
75°	3	4
85°	1	1
90°	0	



TEST NUMBER: P1265560  
CATALOG NUMBER: P3A17R559730DE010 E3DLP1GPH

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	511.1
2.5°	507.1
5°	496.4
7.5°	478.8
10°	456.2
12.5°	429.0
15°	398.5
17.5°	364.5
20°	329.4
22.5°	292.6
25°	256.4
27.5°	220.7
30°	186.8
32.5°	154.5
35°	125.7
37.5°	99.6
40°	77.5
42.5°	58.3
45°	42.5
47.5°	31.1
50°	22.6
52.5°	15.8
55°	12.5
57.5°	11.3
60°	9.6
62.5°	8.5
65°	7.4
67.5°	6.2
70°	5.1
72.5°	4.5
75°	3.4
77.5°	2.8
80°	2.3
82.5°	1.7
85°	1.1
87.5°	0.6
90°	0.0

(END OF REPORT)