

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: P1246745

Luminaire Tested: P3AS10R129024DE010 E3DLD1LI

Issue Date: 1/30/2026

**Test Information**

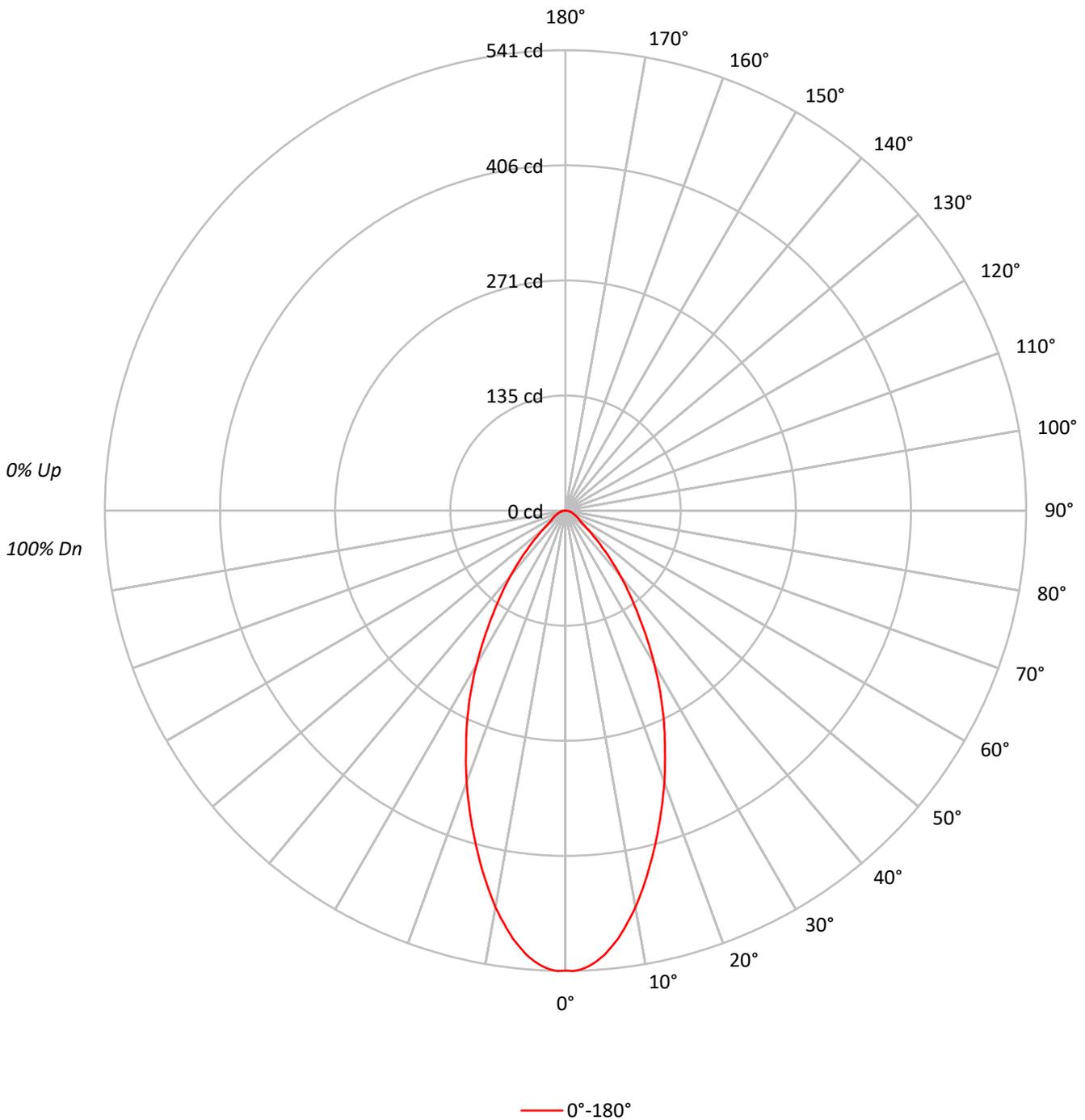
Test Method: LM-79-2019  
Report Number: P1246745  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS10R129024DE010 E3DLD1LI  
Description: 3in Adjustable LED luminaire with, R12 optic, 2400K CCT AND, 90CRI , E3DLD1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 470.0 lumens  
Efficiency: N/A  
Efficacy: 40.2 lumens/watt  
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 11.7  
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

TEST NUMBER: P1246745  
CATALOG NUMBER: P3AS10R129024DE010 E3DLD1LI

### Luminous Intensity Polar Plot





TEST NUMBER: P1246745  
 CATALOG NUMBER: P3AS10R129024DE010 E3DLD1LI

**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	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91				91
2	106	100	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83				83
3	100	93	87	83	98	91	86	82	89	84	81	86	82	79	84	81	78	76				76
4	94	86	80	75	92	85	79	74	82	77	73	80	76	73	78	75	72	70				70
5	89	80	73	68	87	79	73	68	77	72	67	75	71	67	74	69	66	65				65
6	84	74	68	63	83	73	67	63	72	66	62	70	66	62	69	65	61	60				60
7	80	69	63	58	78	69	63	58	67	62	58	66	61	57	65	61	57	56				56
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52				52
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49				49
10	68	58	52	48	67	57	51	47	57	51	47	56	51	47	55	50	47	46				46

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

	0°
0°	118543
5°	115342
10°	105409
15°	92327
20°	79200
25°	66125
30°	52920
35°	39699
40°	28797
45°	18824
50°	11769
55°	7952
60°	7061
65°	6486
70°	6091
75°	5507
80°	5304
85°	4529

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 18824 cd/sqm



TEST NUMBER: P1246745  
 CATALOG NUMBER: P3AS10R129024DE010 E3DLD1LI

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	48.3	10.3
10°-20°	113.3	24.1
20°-30°	124.8	26.6
30°-40°	93.5	19.9
40°-50°	48.4	10.3
50°-60°	20.1	4.3
60°-70°	12.4	2.6
70°-80°	7.0	1.5
80°-90°	2.0	0.4
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°	286.5	61.0
0°-40°	380.0	80.9
0°-60°	448.5	95.4
0°-90°	470.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	470.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	541	
5°	524	48
15°	407	113
25°	273	125
35°	148	93
45°	61	48
55°	21	20
65°	12	12
75°	6	7
85°	2	2
90°	0	



TEST NUMBER: P1246745  
CATALOG NUMBER: P3AS10R129024DE010 E3DLD1LI

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	540.6
1°	541.2
2°	539.4
3°	535.9
4°	530.5
5°	524.0
6°	515.6
7°	506.7
8°	496.0
9°	484.7
10°	473.4
12.5°	440.6
15°	406.7
17.5°	372.7
20°	339.4
22.5°	305.4
25°	273.3
27.5°	241.1
30°	209.0
32.5°	177.4
35°	148.3
37.5°	123.3
40°	100.6
42.5°	79.8
45°	60.7
47.5°	45.8
50°	34.5
52.5°	25.6
55°	20.8
57.5°	18.5
60°	16.1
62.5°	14.3
65°	12.5
67.5°	10.7
70°	9.5
72.5°	7.7
75°	6.5
77.5°	5.4
80°	4.2
82.5°	3.0
85°	1.8
87.5°	0.6
90°	0.0

(END OF REPORT)