

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: P1273966

Luminaire Tested: P3AS13R209830DE010 E3DLD1H

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1273966  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R209830DE010 E3DLD1H  
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 98CRI , E3DLD1H TRIM  
Light Source: -  
Ballast/Driver: -

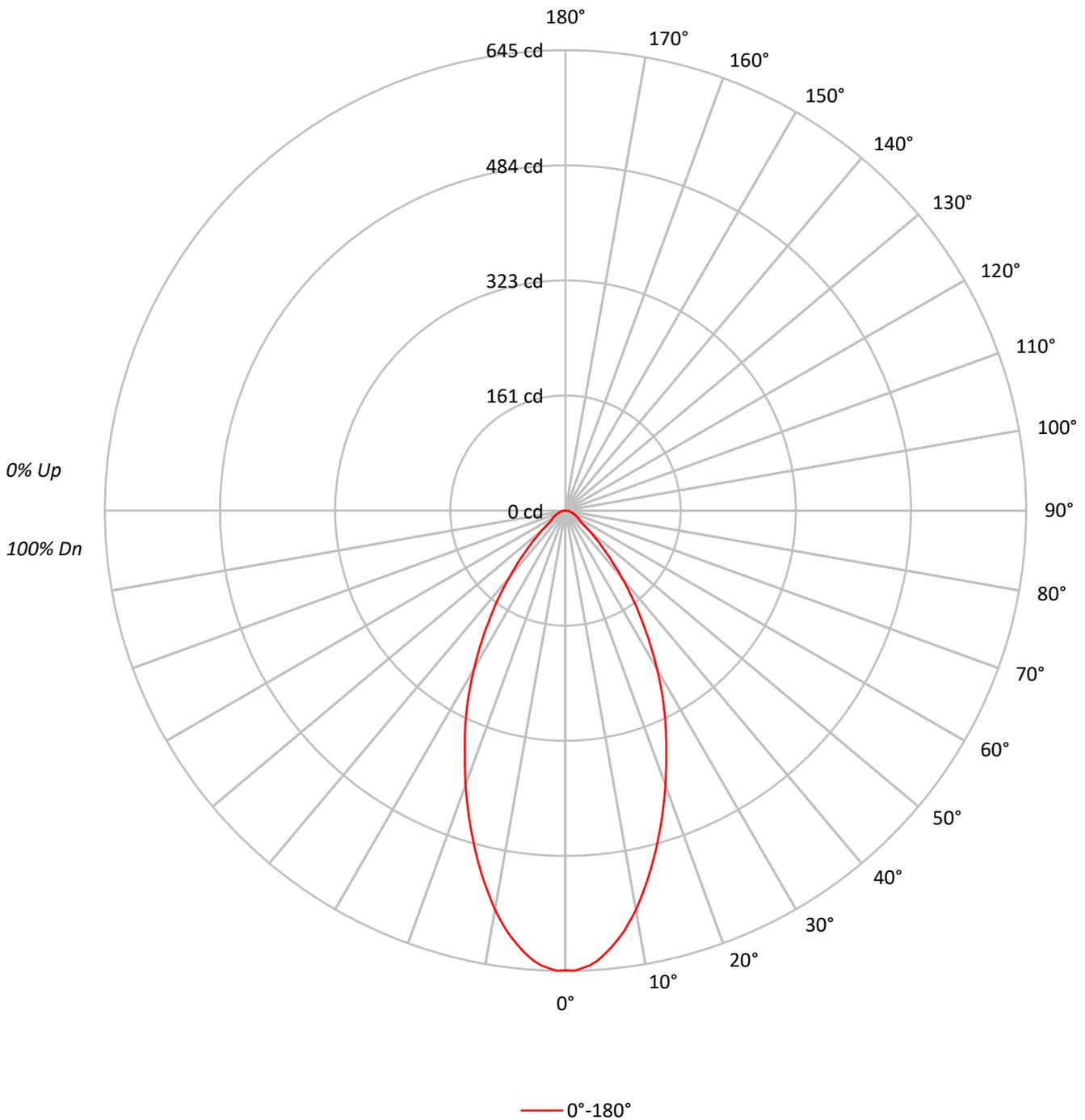
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 571.0 lumens  
Efficiency: N/A  
Efficacy: 39.4 lumens/watt  
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 14.5  
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: P1273966  
CATALOG NUMBER: P3AS13R209830DE010 E3DLD1H

### Luminous Intensity Polar Plot





TEST NUMBER: P1273966  
 CATALOG NUMBER: P3AS13R209830DE010 E3DLD1H

**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
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	94	91	95	92	89	92	89	87	90	87	85	83			83
3	100	93	87	82	98	91	86	82	88	84	80	86	82	79	84	81	78	76			76
4	94	86	79	75	92	85	79	74	82	77	73	80	76	72	78	75	72	70			70
5	89	80	73	68	87	79	73	68	77	71	67	75	70	67	73	69	66	65			65
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60			60
7	80	69	63	58	78	69	62	58	67	62	58	66	61	57	65	60	57	55			55
8	75	65	59	54	74	64	58	54	63	58	54	62	57	53	61	57	53	52			52
9	72	61	55	50	70	61	55	50	60	54	50	59	54	50	58	53	50	48			48
10	68	58	51	47	67	57	51	47	56	51	47	56	50	47	55	50	47	45			45

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

	0°
0°	141239
5°	137464
10°	126451
15°	111306
20°	95465
25°	80206
30°	64820
35°	49309
40°	35094
45°	23165
50°	14362
55°	9443
60°	8596
65°	7887
70°	7437
75°	6778
80°	6440
85°	5535

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 23165 cd/sqm



TEST NUMBER: P1273966  
 CATALOG NUMBER: P3AS13R209830DE010 E3DLD1H

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	57.8	10.1
10°-20°	136.5	23.9
20°-30°	151.5	26.5
30°-40°	115.6	20.2
40°-50°	59.2	10.4
50°-60°	24.3	4.3
60°-70°	15.2	2.7
70°-80°	8.5	1.5
80°-90°	2.5	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°	345.8	60.6
0°-40°	461.4	80.8
0°-60°	544.9	95.4
0°-90°	571.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	571.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	644	
5°	624	58
15°	490	137
25°	332	152
35°	184	116
45°	75	59
55°	25	24
65°	15	15
75°	8	9
85°	2	2
90°	0	



TEST NUMBER: P1273966  
CATALOG NUMBER: P3AS13R209830DE010 E3DLD1H

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	644.1
1°	644.8
2°	641.9
3°	638.3
4°	632.5
5°	624.5
6°	615.1
7°	604.9
8°	594.0
9°	581.0
10°	567.9
12.5°	530.2
15°	490.3
17.5°	449.7
20°	409.1
22.5°	368.5
25°	331.5
27.5°	294.5
30°	256.0
32.5°	219.8
35°	184.2
37.5°	153.0
40°	122.6
42.5°	96.5
45°	74.7
47.5°	56.6
50°	42.1
52.5°	31.2
55°	24.7
57.5°	22.5
60°	19.6
62.5°	17.4
65°	15.2
67.5°	13.1
70°	11.6
72.5°	9.4
75°	8.0
77.5°	6.5
80°	5.1
82.5°	3.6
85°	2.2
87.5°	0.7
90°	0.0

(END OF REPORT)