

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: P1274175

Luminaire Tested: P3A13R559830DE010 E3DLP1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274175
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: P3A13R559830DE010 E3DLP1LI
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 98CRI , E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

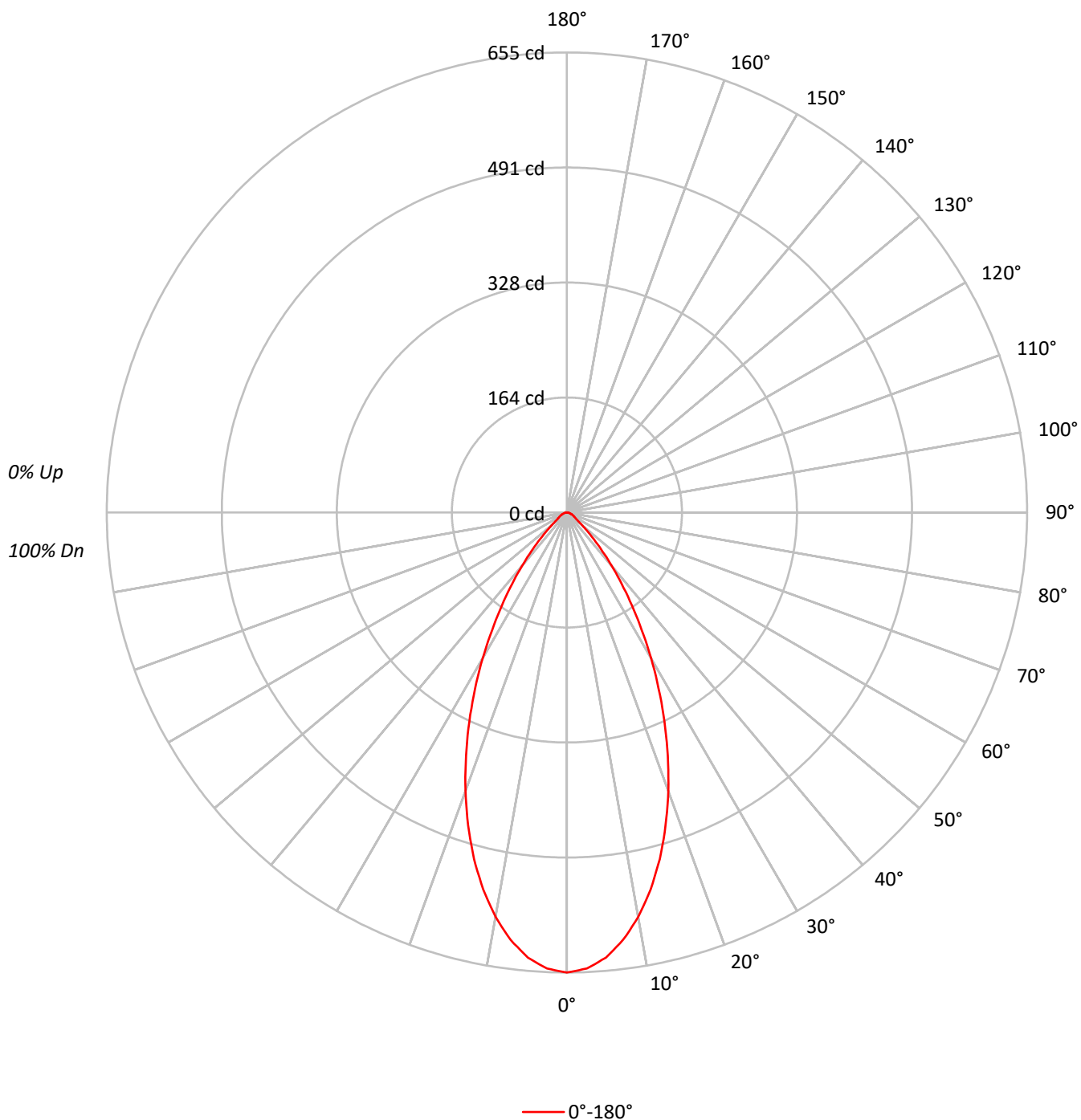
Lumens per Lamp: N/A
Luminaire Lumens: 528.0 lumens
Efficiency: N/A
Efficacy: 36.4 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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: P1274175

CATALOG NUMBER: P3A13R559830DE010 E3DLP1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1274175

CATALOG NUMBER: P3A13R559830DE010 E3DLP1LI

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	107	105	110	108	105	103	104	102	100		100	98	97		97
2	107	102	97	94	105	100	96	93	97	93	91		94	91	89		91
3	101	94	89	85	99	93	88	84	90	86	83		88	84	81		85
4	96	88	82	77	94	87	81	77	84	80	76		82	78	75		80
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		68
8	78	68	62	57	76	67	61	57	66	61	57		65	60	57		64
9	74	64	58	54	73	63	58	54	62	57	53		62	57	53		61
10	70	60	55	51	69	60	54	50	59	54	50		58	54	50		58

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	143629
5°	140039
10°	130191
15°	115937
20°	98522
25°	79505
30°	60617
35°	43098
40°	28453
45°	16870
50°	9893
55°	6117
60°	5394
65°	4877
70°	4167
75°	3728
80°	3662
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16870 cd/sqm

TEST NUMBER: P1274175

CATALOG NUMBER: P3A13R559830DE010 E3DLP1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.1	11.2
10°-20°	141.6	26.8
20°-30°	149.9	28.4
30°-40°	101.3	19.2
40°-50°	44.4	8.4
50°-60°	15.9	3.0
60°-70°	9.3	1.8
70°-80°	4.9	0.9
80°-90°	1.6	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°	350.6	66.4
0°-40°	451.9	85.6
0°-60°	512.2	97.0
0°-90°	528.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	528.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	655	
5°	636	59
15°	511	142
25°	329	150
35°	161	101
45°	54	44
55°	16	16
65°	9	9
75°	4	5
85°	2	2
90°	0	

TEST NUMBER: P1274175

CATALOG NUMBER: P3A13R559830DE010 E3DLP1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	655.0
2.5°	649.9
5°	636.2
7.5°	613.7
10°	584.7
12.5°	549.8
15°	510.7
17.5°	467.1
20°	422.2
22.5°	375.0
25°	328.6
27.5°	282.9
30°	239.4
32.5°	198.0
35°	161.0
37.5°	127.7
40°	99.4
42.5°	74.7
45°	54.4
47.5°	39.9
50°	29.0
52.5°	20.3
55°	16.0
57.5°	14.5
60°	12.3
62.5°	10.9
65°	9.4
67.5°	8.0
70°	6.5
72.5°	5.8
75°	4.4
77.5°	3.6
80°	2.9
82.5°	2.2
85°	1.5
87.5°	0.7
90°	0.0

(END OF REPORT)