

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: P1274105

Luminaire Tested: P3A13R459830DE010 E3DL1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274105
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-27)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R459830DE010 E3DL1LI
Description: 3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 98CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

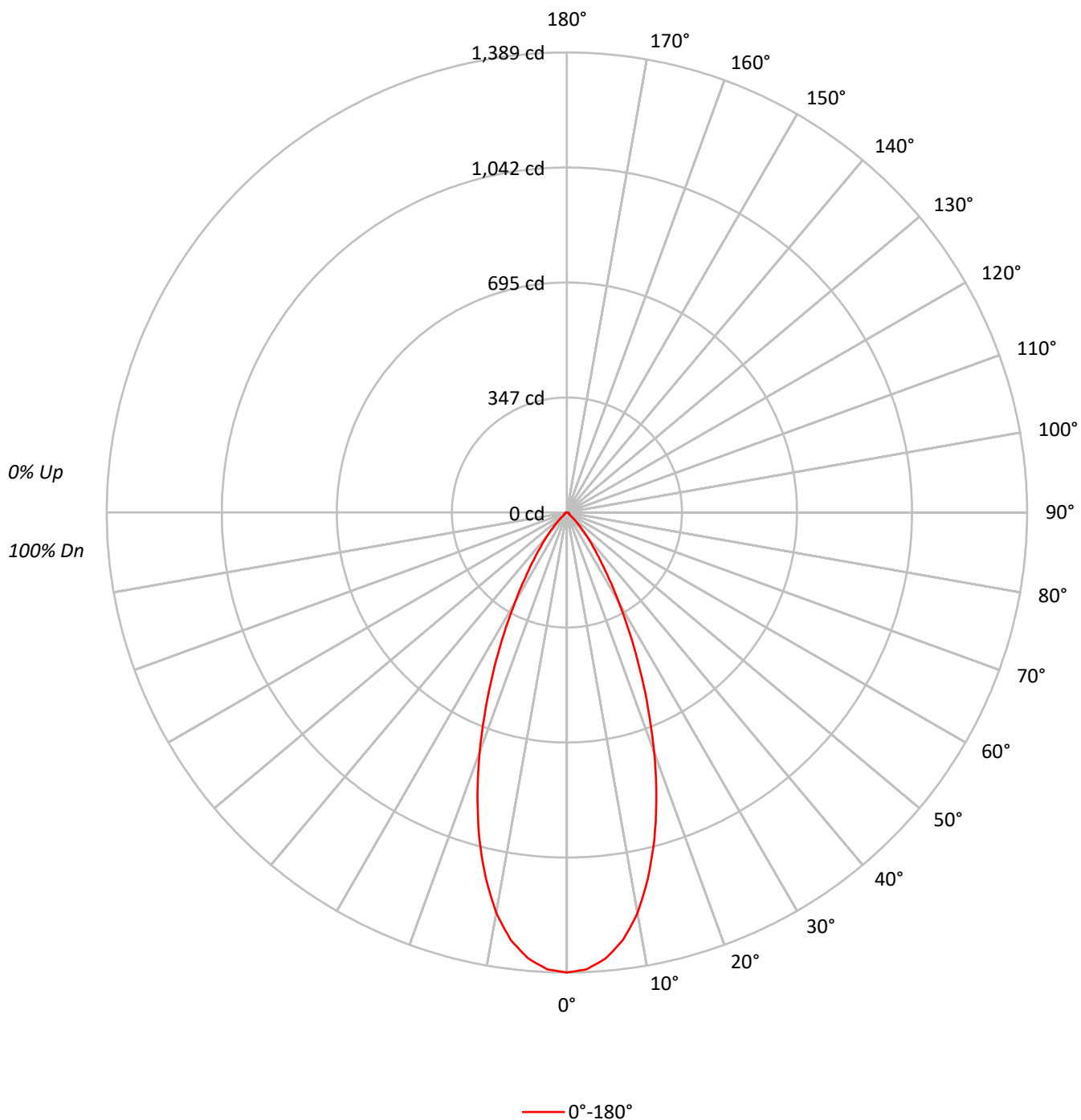
Lumens per Lamp: N/A
Luminaire Lumens: 811.0 lumens
Efficiency: N/A
Efficacy: 55.9 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1274105

CATALOG NUMBER: P3A13R459830DE010 E3DL1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1274105

CATALOG NUMBER: P3A13R459830DE010 E3DL1LI

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	114	111	109	107	111	109	107	105	105	103	102		101	100	99		98
2	109	104	100	97	106	102	99	96	99	96	94		96	94	92		93
3	104	98	93	89	102	96	92	88	94	90	87		91	88	86		89
4	99	92	87	83	97	91	86	82	89	85	81		87	83	80		85
5	94	87	81	77	93	86	81	77	84	80	76		82	79	76		81
6	90	82	76	73	89	81	76	72	80	75	72		78	74	71		77
7	86	78	72	68	85	77	72	68	76	71	68		75	71	67		74
8	83	74	68	65	82	73	68	64	72	68	64		71	67	64		70
9	79	70	65	61	78	70	65	61	69	64	61		68	64	61		67
10	76	67	62	58	75	67	62	58	66	61	58		65	61	58		65

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	304559
5°	297424
10°	273408
15°	231670
20°	179729
25°	125644
30°	79151
35°	46605
40°	26364
45°	12808
50°	4469
55°	3594
60°	3508
65°	3373
70°	3270
75°	3050
80°	2778
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12808 cd/sqm

TEST NUMBER: P1274105

CATALOG NUMBER: P3A13R459830DE010 E3DL1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	125.1	15.4
10°-20°	280.2	34.6
20°-30°	238.0	29.3
30°-40°	113.5	14.0
40°-50°	34.2	4.2
50°-60°	8.7	1.1
60°-70°	6.5	0.8
70°-80°	3.8	0.5
80°-90°	1.1	0.1
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°	643.3	79.3
0°-40°	756.8	93.3
0°-60°	799.6	98.6
0°-90°	811.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	811.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1389	
5°	1351	125
15°	1020	280
25°	519	238
35°	174	114
45°	41	34
55°	9	9
65°	6	6
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1274105

CATALOG NUMBER: P3A13R459830DE010 E3DL1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	1388.9
2.5°	1380.2
5°	1351.2
7.5°	1301.1
10°	1227.9
12.5°	1130.7
15°	1020.5
17.5°	897.9
20°	770.2
22.5°	640.4
25°	519.3
27.5°	409.1
30°	312.6
32.5°	235.0
35°	174.1
37.5°	128.4
40°	92.1
42.5°	63.8
45°	41.3
47.5°	23.2
50°	13.1
52.5°	10.2
55°	9.4
57.5°	8.7
60°	8.0
62.5°	7.3
65°	6.5
67.5°	5.8
70°	5.1
72.5°	4.4
75°	3.6
77.5°	2.9
80°	2.2
82.5°	1.5
85°	0.7
87.5°	0.7
90°	0.0

(END OF REPORT)