

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: P1274111

Luminaire Tested: P3A13R459830DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274111
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R459830DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 98CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

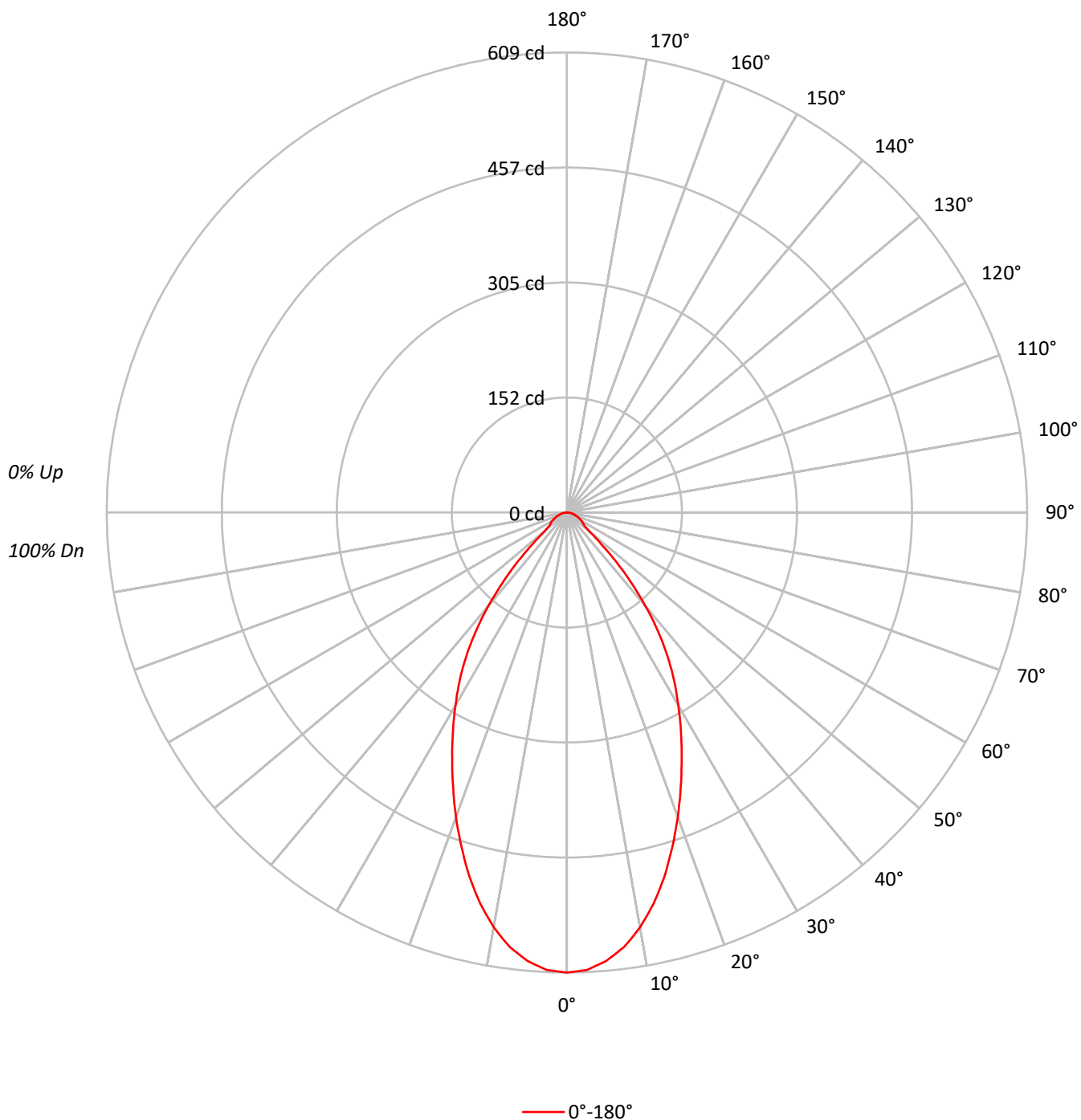
Lumens per Lamp: N/A
Luminaire Lumens: 630.0 lumens
Efficiency: N/A
Efficacy: 43.5 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1274111

CATALOG NUMBER: P3A13R459830DE010 E3DLD1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1274111

CATALOG NUMBER: P3A13R459830DE010 E3DLD1LI

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	112	109	106	104	110	107	104	102	103	101	99		99	97	96		96
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	82	97	90	85	81	88	83	80		85	81	78		83
4	94	85	78	74	92	84	78	73	81	76	72		79	75	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	65		72
6	83	73	66	61	81	72	66	61	71	65	61		69	64	60		68
7	78	68	61	57	77	67	61	56	66	60	56		65	60	56		64
8	74	64	57	52	73	63	57	52	62	56	52		61	56	52		60
9	70	60	53	49	69	59	53	49	58	52	48		57	52	48		56
10	67	56	50	45	66	56	49	45	55	49	45		54	49	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	133564
5°	131213
10°	124157
15°	113236
20°	100132
25°	86957
30°	74644
35°	62185
40°	46344
45°	28375
50°	13134
55°	10284
60°	9868
65°	9028
70°	8399
75°	7964
80°	7324
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 28375 cd/sqm

TEST NUMBER: P1274111

CATALOG NUMBER: P3A13R459830DE010 E3DLD1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.7	8.8
10°-20°	138.9	22.0
20°-30°	165.0	26.2
30°-40°	143.4	22.8
40°-50°	71.9	11.4
50°-60°	25.0	4.0
60°-70°	17.5	2.8
70°-80°	9.8	1.6
80°-90°	3.0	0.5
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°	359.6	57.1
0°-40°	502.9	79.8
0°-60°	599.8	95.2
0°-90°	630.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	630.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	609	
5°	596	56
15°	499	139
25°	359	165
35°	232	143
45°	92	72
55°	27	25
65°	17	17
75°	9	10
85°	2	3
90°	0	

TEST NUMBER: P1274111

CATALOG NUMBER: P3A13R459830DE010 E3DLD1LI

CANDELA DISTRIBUTION (FULL):

	0°
0°	609.1
2.5°	606.2
5°	596.1
7.5°	580.1
10°	557.6
12.5°	530.0
15°	498.8
17.5°	463.9
20°	429.1
22.5°	393.5
25°	359.4
27.5°	326.7
30°	294.8
32.5°	264.3
35°	232.3
37.5°	198.2
40°	161.9
42.5°	126.3
45°	91.5
47.5°	60.3
50°	38.5
52.5°	29.8
55°	26.9
57.5°	24.7
60°	22.5
62.5°	20.3
65°	17.4
67.5°	15.2
70°	13.1
72.5°	10.9
75°	9.4
77.5°	7.3
80°	5.8
82.5°	4.4
85°	2.2
87.5°	1.5
90°	0.0

(END OF REPORT)