

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: P1273993

Luminaire Tested: P3A13R259830DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273993
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R259830DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

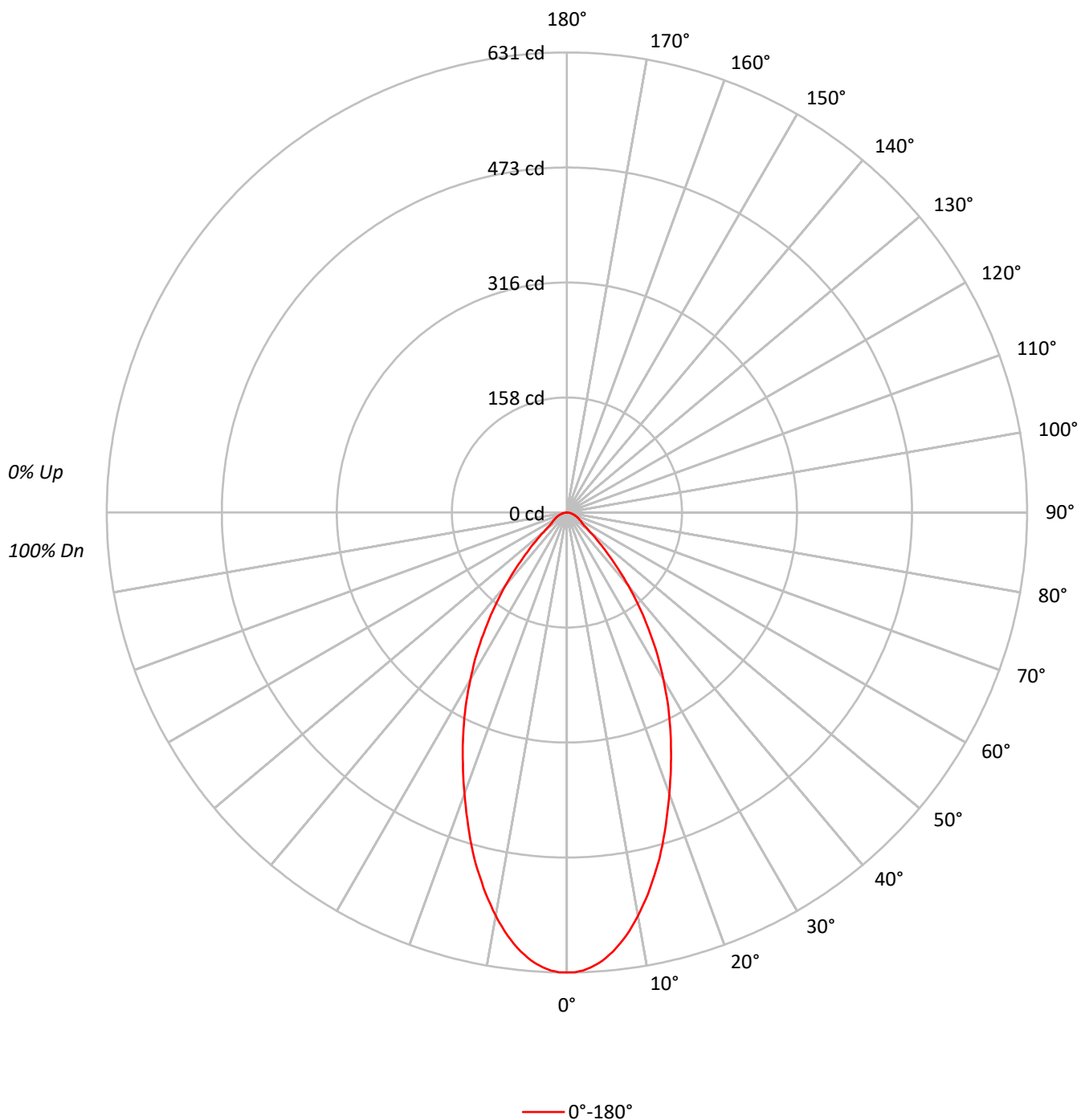
Lumens per Lamp: N/A
Luminaire Lumens: 582.0 lumens
Efficiency: N/A
Efficacy: 40.1 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1273993

CATALOG NUMBER: P3A13R259830DE010 E3DLD1H

Luminous Intensity Polar Plot



TEST NUMBER: P1273993

CATALOG NUMBER: P3A13R259830DE010 E3DLD1H

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91		
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83		
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	83	80	78	76		
4	94	85	79	74	92	84	78	74	82	77	73	80	76	72	78	74	71	70		
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64		
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59		
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55		
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51		
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48		
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	138322
5°	135021
10°	125115
15°	111442
20°	95768
25°	81392
30°	66998
35°	52200
40°	37556
45°	23847
50°	14089
55°	9711
60°	8903
65°	8302
70°	7437
75°	6778
80°	6440
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 23847 cd/sqm

TEST NUMBER: P1273993

CATALOG NUMBER: P3A13R259830DE010 E3DLD1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.9	9.8
10°-20°	136.3	23.4
20°-30°	154.0	26.5
30°-40°	121.8	20.9
40°-50°	61.5	10.6
50°-60°	24.6	4.2
60°-70°	15.8	2.7
70°-80°	8.7	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°	347.1	59.6
0°-40°	468.9	80.6
0°-60°	555.1	95.4
0°-90°	582.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	582.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	631	
5°	613	57
15°	491	136
25°	336	154
35°	195	122
45°	77	62
55°	25	25
65°	16	16
75°	8	9
85°	2	2
90°	0	

TEST NUMBER: P1273993

CATALOG NUMBER: P3A13R259830DE010 E3DLD1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	630.8
1°	630.8
2°	628.6
3°	625.0
4°	619.9
5°	613.4
6°	605.4
7°	596.0
8°	585.8
9°	574.2
10°	561.9
11°	548.1
12°	535.1
13°	519.9
14°	505.4
15°	490.9
17.5°	450.3
20°	410.4
22.5°	372.7
25°	336.4
27.5°	300.9
30°	264.6
32.5°	230.6
35°	195.0
37.5°	162.4
40°	131.2
42.5°	102.2
45°	76.9
47.5°	57.3
50°	41.3
52.5°	31.2
55°	25.4
57.5°	23.2
60°	20.3
62.5°	18.1
65°	16.0
67.5°	13.8
70°	11.6
72.5°	10.2
75°	8.0
77.5°	6.5
80°	5.1
82.5°	3.6
85°	2.2
87.5°	0.7



TEST NUMBER: P1273993

CATALOG NUMBER: P3A13R259830DE010 E3DLD1H

CANDELA DISTRIBUTION (continued):



(END OF REPORT)