

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: P1275999

Luminaire Tested: P3AS13R159835DE010 E3DL1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275999
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R159835DE010 E3DL1H
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 98CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

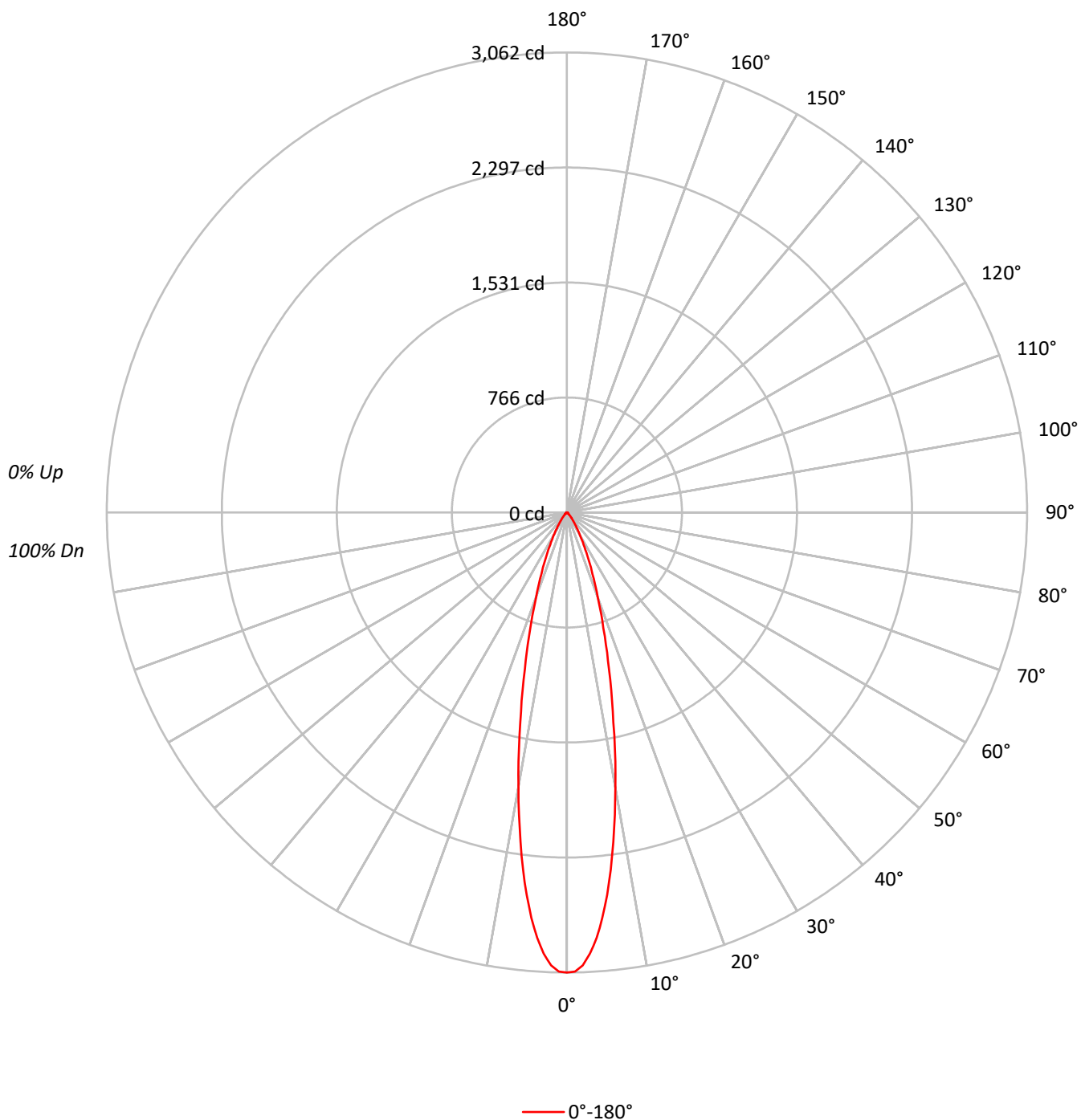
Lumens per Lamp: N/A
Luminaire Lumens: 786.0 lumens
Efficiency: N/A
Efficacy: 54.2 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1275999

CATALOG NUMBER: P3AS13R159835DE010 E3DL1H

Luminous Intensity Polar Plot



TEST NUMBER: P1275999

CATALOG NUMBER: P3AS13R159835DE010 E3DL1H

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	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	106	103	100	108	104	101	99	101	99	97		98	96	95		96
3	106	101	97	93	104	99	96	93	97	94	91		94	92	90		92
4	102	96	92	88	100	95	91	88	93	89	87		91	88	86		89
5	98	92	87	84	97	91	87	83	89	85	83		88	84	82		86
6	95	88	83	80	94	87	83	80	86	82	79		85	81	79		83
7	92	85	80	77	91	84	80	76	83	79	76		82	78	76		81
8	89	81	77	74	88	81	77	73	80	76	73		79	75	73		78
9	86	79	74	71	85	78	74	71	77	73	71		77	73	70		76
10	84	76	71	68	83	76	71	68	75	71	68		74	71	68		74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	671459
5°	596014
10°	413909
15°	244769
20°	139405
25°	79698
30°	44108
35°	23503
40°	12996
45°	7039
50°	4401
55°	3479
60°	2982
65°	2750
70°	2436
75°	2542
80°	1894
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7039 cd/sqm

TEST NUMBER: P1275999

CATALOG NUMBER: P3AS13R159835DE010 E3DL1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	230.3	29.3
10°-20°	303.9	38.7
20°-30°	156.5	19.9
30°-40°	58.7	7.5
40°-50°	19.2	2.4
50°-60°	8.3	1.1
60°-70°	5.2	0.7
70°-80°	3.1	0.4
80°-90°	0.8	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°	690.6	87.9
0°-40°	749.3	95.3
0°-60°	776.9	98.8
0°-90°	786.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	786.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3062	
5°	2708	230
15°	1078	304
25°	329	156
35°	88	59
45°	23	19
55°	9	8
65°	5	5
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1275999

CATALOG NUMBER: P3AS13R159835DE010 E3DL1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	3062.1
1°	3056.0
2°	3015.9
3°	2939.4
4°	2838.7
5°	2707.7
6°	2559.3
7°	2396.5
8°	2215.5
9°	2036.8
10°	1858.9
12.5°	1430.3
15°	1078.2
17.5°	807.2
20°	597.4
22.5°	446.0
25°	329.4
27.5°	240.0
30°	174.2
32.5°	123.4
35°	87.8
37.5°	62.8
40°	45.4
42.5°	32.6
45°	22.7
47.5°	16.7
50°	12.9
52.5°	10.6
55°	9.1
57.5°	7.6
60°	6.8
62.5°	6.1
65°	5.3
67.5°	4.5
70°	3.8
72.5°	3.8
75°	3.0
77.5°	2.3
80°	1.5
82.5°	1.5
85°	0.8
87.5°	0.0
90°	0.0

(END OF REPORT)