

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: P1276493

Luminaire Tested: P3AS17R409835DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276493
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R409835DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

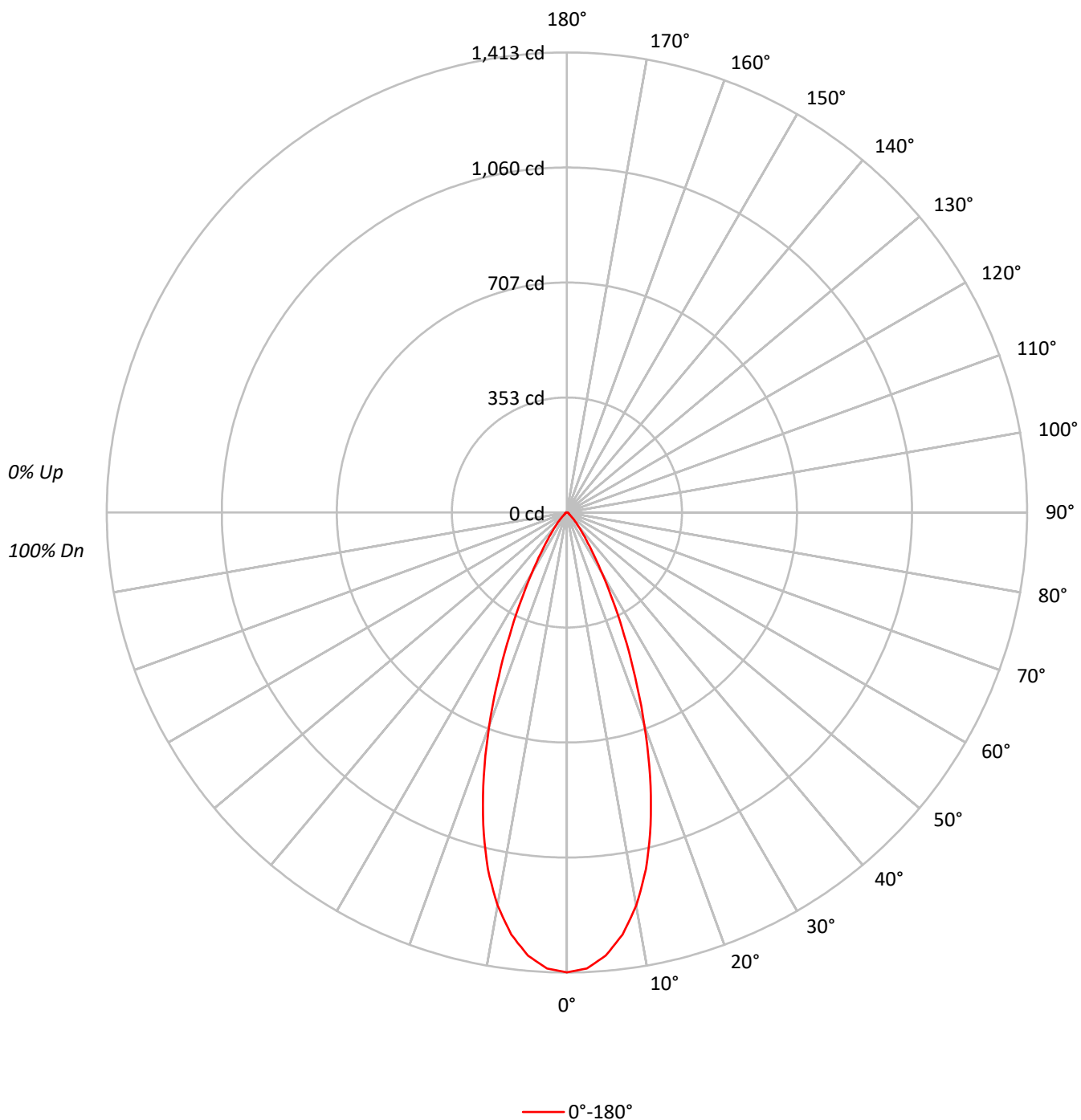
Lumens per Lamp: N/A
Luminaire Lumens: 700.0 lumens
Efficiency: N/A
Efficacy: 34.3 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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: P1276493

CATALOG NUMBER: P3AS17R409835DE010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1276493

CATALOG NUMBER: P3AS17R409835DE010 E3DL1GPH

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	112	109	107	105	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	104	99	94	91	102	97	93	90	95	91	88		92	89	87		90
4	100	93	88	85	98	92	88	84	90	86	83		88	85	82		86
5	96	88	83	79	94	88	83	79	86	82	78		84	81	78		83
6	92	84	79	75	91	83	78	75	82	78	74		81	77	74		79
7	88	80	75	71	87	79	74	71	78	74	71		77	73	70		76
8	85	76	71	68	84	76	71	67	75	70	67		74	70	67		73
9	82	73	68	64	81	73	68	64	72	67	64		71	67	64		70
10	78	70	65	62	78	70	65	61	69	64	61		68	64	61		67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	309756
5°	300748
10°	272919
15°	225472
20°	162647
25°	100603
30°	54464
35°	28134
40°	15314
45°	8559
50°	4298
55°	3211
60°	2895
65°	2802
70°	2693
75°	2542
80°	2273
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8559 cd/sqm

TEST NUMBER: P1276493

CATALOG NUMBER: P3AS17R409835DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	125.9	18.0
10°-20°	270.4	38.6
20°-30°	193.0	27.6
30°-40°	71.0	10.1
40°-50°	22.4	3.2
50°-60°	7.8	1.1
60°-70°	5.3	0.8
70°-80°	3.2	0.5
80°-90°	0.9	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°	589.4	84.2
0°-40°	660.4	94.4
0°-60°	690.6	98.7
0°-90°	700.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	700.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1413	
5°	1366	126
15°	993	270
25°	416	193
35°	105	71
45°	28	22
55°	8	8
65°	5	5
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1276493

CATALOG NUMBER: P3AS17R409835DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1412.6
2.5°	1401.7
5°	1366.3
7.5°	1307.4
10°	1225.7
12.5°	1121.7
15°	993.2
17.5°	849.0
20°	697.0
22.5°	547.4
25°	415.8
27.5°	305.2
30°	215.1
32.5°	150.8
35°	105.1
37.5°	74.5
40°	53.5
42.5°	38.5
45°	27.6
47.5°	18.6
50°	12.6
52.5°	9.0
55°	8.4
57.5°	7.8
60°	6.6
62.5°	6.0
65°	5.4
67.5°	4.8
70°	4.2
72.5°	3.6
75°	3.0
77.5°	2.4
80°	1.8
82.5°	1.2
85°	0.6
87.5°	0.6
90°	0.0

(END OF REPORT)