

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: P1257922

Luminaire Tested: P3AS17R609040DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257922
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R609040DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

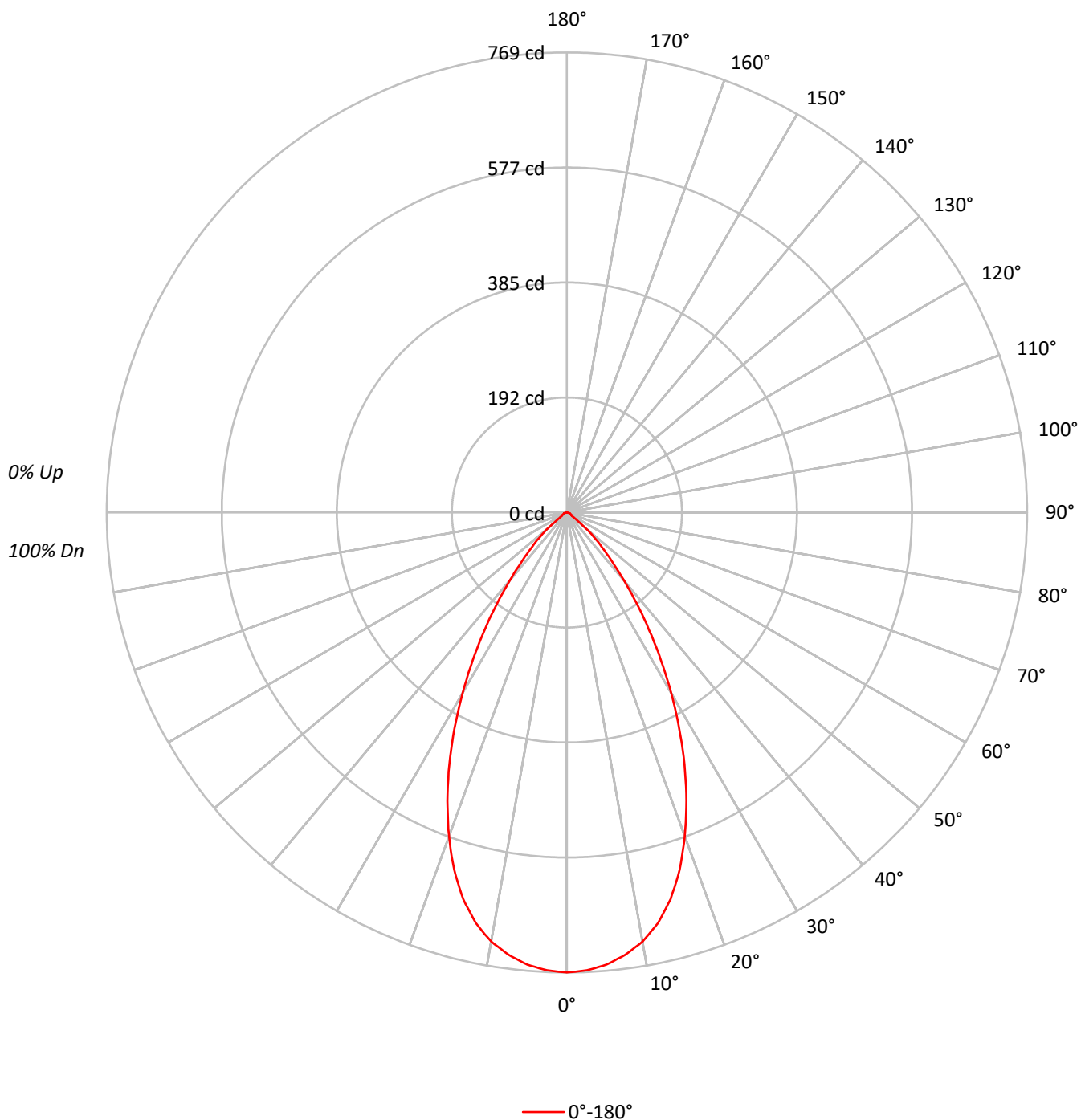
Lumens per Lamp: N/A
Luminaire Lumens: 714.0 lumens
Efficiency: N/A
Efficacy: 33.7 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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: P1257922

CATALOG NUMBER: P3AS17R609040DE010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1257922

CATALOG NUMBER: P3AS17R609040DE010 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	113	110	108	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	84	91	86	83		88	85	82		86
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		81
5	91	82	76	71	89	81	75	71	79	74	70		78	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		67
8	77	68	61	57	76	67	61	57	66	60	57		65	60	56		64
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		60
10	70	60	54	50	69	60	54	50	59	53	50		58	53	50		57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	168605
5°	167004
10°	162144
15°	151896
20°	134435
25°	112482
30°	88140
35°	63952
40°	42537
45°	26514
50°	14362
55°	4167
60°	3859
65°	3528
70°	3462
75°	3474
80°	3410
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 26514 cd/sqm

TEST NUMBER: P1257922

CATALOG NUMBER: P3AS17R609040DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	71.4	10.0
10°-20°	185.6	26.0
20°-30°	211.6	29.6
30°-40°	150.1	21.0
40°-50°	68.1	9.5
50°-60°	14.5	2.0
60°-70°	7.0	1.0
70°-80°	4.3	0.6
80°-90°	1.5	0.2
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°	468.7	65.6
0°-40°	618.7	86.7
0°-60°	701.3	98.2
0°-90°	714.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	714.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	769	
5°	759	71
15°	669	186
25°	465	212
35°	239	150
45°	86	68
55°	11	14
65°	7	7
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1257922

CATALOG NUMBER: P3AS17R609040DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	768.9
2.5°	766.2
5°	758.7
7.5°	745.8
10°	728.2
12.5°	703.0
15°	669.1
17.5°	626.4
20°	576.1
22.5°	521.9
25°	464.9
27.5°	406.5
30°	348.1
32.5°	292.5
35°	238.9
37.5°	191.4
40°	148.6
42.5°	112.7
45°	85.5
47.5°	63.8
50°	42.1
52.5°	19.7
55°	10.9
57.5°	9.5
60°	8.8
62.5°	8.1
65°	6.8
67.5°	6.1
70°	5.4
72.5°	4.8
75°	4.1
77.5°	3.4
80°	2.7
82.5°	2.0
85°	1.4
87.5°	0.7
90°	0.0

(END OF REPORT)