

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: P1261682

Luminaire Tested: P3AS02R659727DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261682
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R659727DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

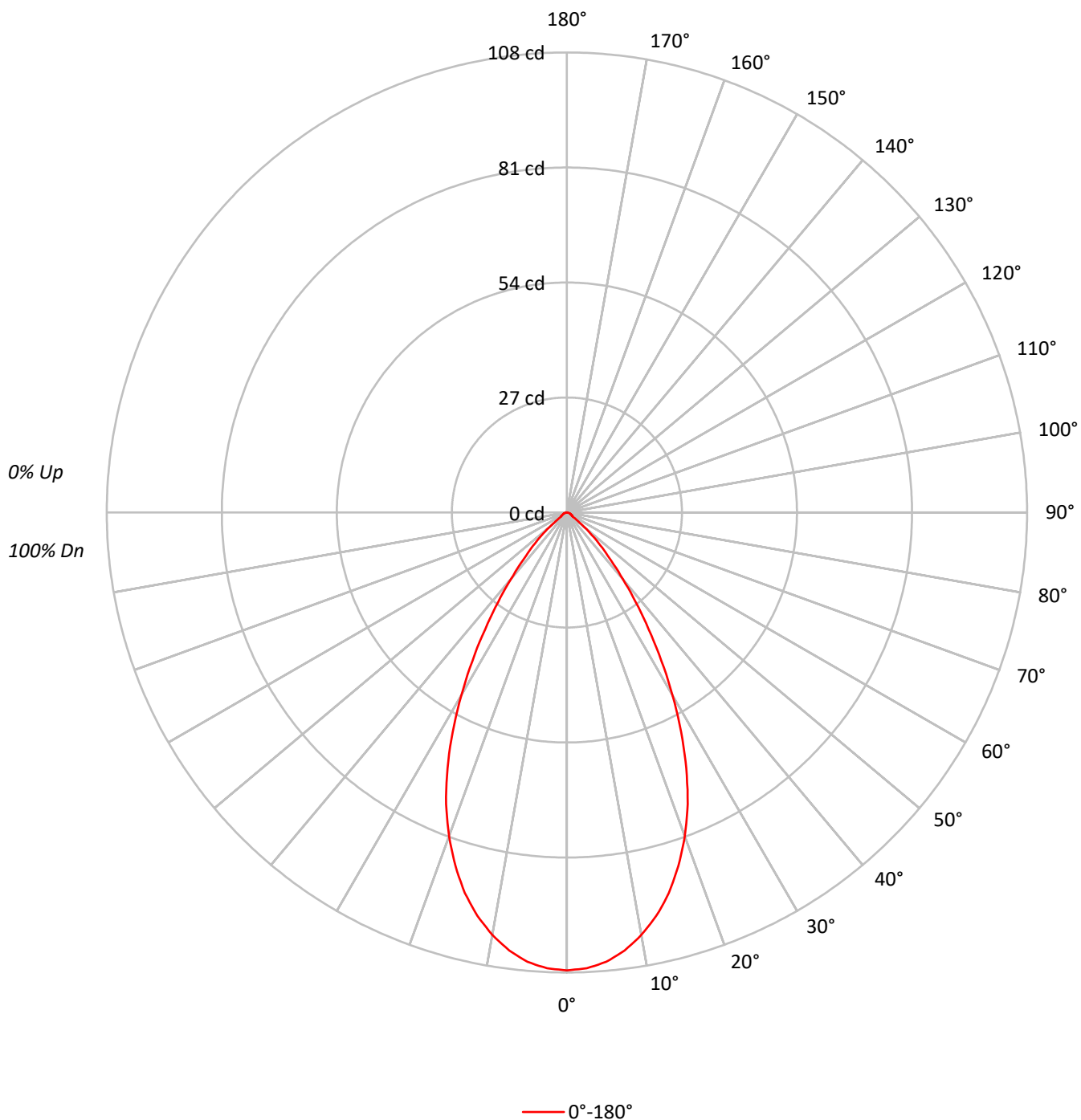
Lumens per Lamp: N/A
Luminaire Lumens: 100.0 lumens
Efficiency: N/A
Efficacy: 27.8 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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: P1261682

CATALOG NUMBER: P3AS02R659727DE010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1261682

CATALOG NUMBER: P3AS02R659727DE010 E3DL1GPH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		0
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		100
1	113	110	107	105	111	108	106	103	104	102	100		100	99	97		93
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		85
3	101	95	89	85	99	93	88	84	90	86	83		88	85	82		79
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		73
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		68
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		63
7	82	72	66	61	80	71	65	61	70	64	61		69	64	60		58
8	77	67	61	57	76	67	61	57	66	60	57		65	60	56		55
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		51
10	70	60	54	50	69	59	54	50	59	53	50		58	53	50		48

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	23573
5°	23311
10°	22422
15°	20999
20°	18878
25°	16041
30°	12534
35°	8941
40°	5840
45°	3628
50°	1842
55°	650
60°	570
65°	571
70°	513
75°	508
80°	505
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3628 cd/sqm

TEST NUMBER: P1261682

CATALOG NUMBER: P3AS02R659727DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.9	9.9
10°-20°	25.7	25.7
20°-30°	30.1	30.1
30°-40°	21.0	21.0
40°-50°	9.3	9.3
50°-60°	2.1	2.1
60°-70°	1.1	1.1
70°-80°	0.6	0.6
80°-90°	0.2	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°	65.8	65.8
0°-40°	86.8	86.8
0°-60°	98.1	98.1
0°-90°	100.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	100.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	108	
5°	106	10
15°	92	26
25°	66	30
35°	33	21
45°	12	9
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1261682

CATALOG NUMBER: P3AS02R659727DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	107.5
2.5°	107.1
5°	105.9
7.5°	103.7
10°	100.7
12.5°	97.0
15°	92.5
17.5°	87.0
20°	80.9
22.5°	74.1
25°	66.3
27.5°	58.1
30°	49.5
32.5°	41.3
35°	33.4
37.5°	26.5
40°	20.4
42.5°	15.4
45°	11.7
47.5°	8.6
50°	5.4
52.5°	2.8
55°	1.7
57.5°	1.5
60°	1.3
62.5°	1.2
65°	1.1
67.5°	0.9
70°	0.8
72.5°	0.7
75°	0.6
77.5°	0.5
80°	0.4
82.5°	0.3
85°	0.2
87.5°	0.1
90°	0.0

(END OF REPORT)