

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: P1261711

Luminaire Tested: P3AS02R709727DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261711
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R709727DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R70 optic, 2700K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

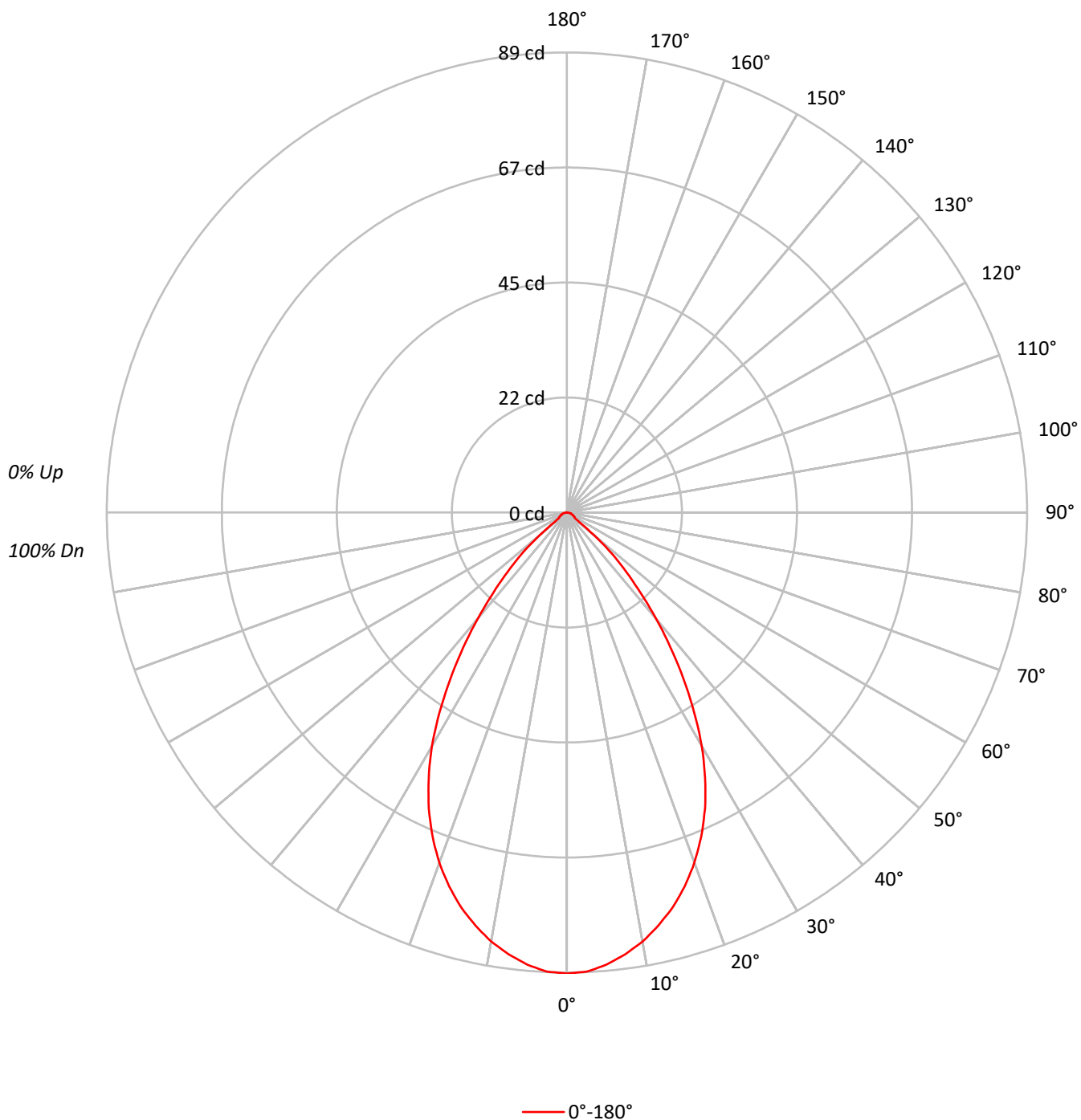
Lumens per Lamp: N/A
Luminaire Lumens: 101.0 lumens
Efficiency: N/A
Efficacy: 28.0 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1261711

CATALOG NUMBER: P3AS02R709727DE010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1261711

CATALOG NUMBER: P3AS02R709727DE010 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	107	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	96	93	104	99	95	92	96	93	90		93	90	88		90
3	100	93	88	83	98	92	87	82	89	85	81		86	83	80		84
4	94	86	80	75	93	85	79	75	83	78	74		81	76	73		79
5	89	80	73	69	87	79	73	68	77	72	68		75	71	67		74
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	53	74	64	58	53	63	57	53		62	57	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	50	46	66	56	50	46	55	50	46		55	49	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	19560
5°	19326
10°	18771
15°	17957
20°	16825
25°	15291
30°	13217
35°	10520
40°	7672
45°	5024
50°	2354
55°	726
60°	702
65°	675
70°	641
75°	678
80°	631
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5024 cd/sqm

TEST NUMBER: P1261711

CATALOG NUMBER: P3AS02R709727DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.3	8.2
10°-20°	22.1	21.9
20°-30°	28.8	28.5
30°-40°	24.4	24.2
40°-50°	12.6	12.5
50°-60°	2.4	2.4
60°-70°	1.3	1.3
70°-80°	0.8	0.8
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°	59.2	58.6
0°-40°	83.6	82.8
0°-60°	98.6	97.7
0°-90°	101.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	101.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	89	
5°	88	8
15°	79	22
25°	63	29
35°	39	24
45°	16	13
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1261711

CATALOG NUMBER: P3AS02R709727DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	89.2
2.5°	88.9
5°	87.8
7.5°	86.2
10°	84.3
12.5°	81.8
15°	79.1
17.5°	75.8
20°	72.1
22.5°	67.9
25°	63.2
27.5°	57.9
30°	52.2
32.5°	45.8
35°	39.3
37.5°	32.9
40°	26.8
42.5°	21.1
45°	16.2
47.5°	11.9
50°	6.9
52.5°	3.0
55°	1.9
57.5°	1.8
60°	1.6
62.5°	1.5
65°	1.3
67.5°	1.2
70°	1.0
72.5°	0.9
75°	0.8
77.5°	0.6
80°	0.5
82.5°	0.3
85°	0.2
87.5°	0.1
90°	0.0

(END OF REPORT)