

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: P1262442

Luminaire Tested: P3AS09R609727DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262442
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: P3AS09R609727DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

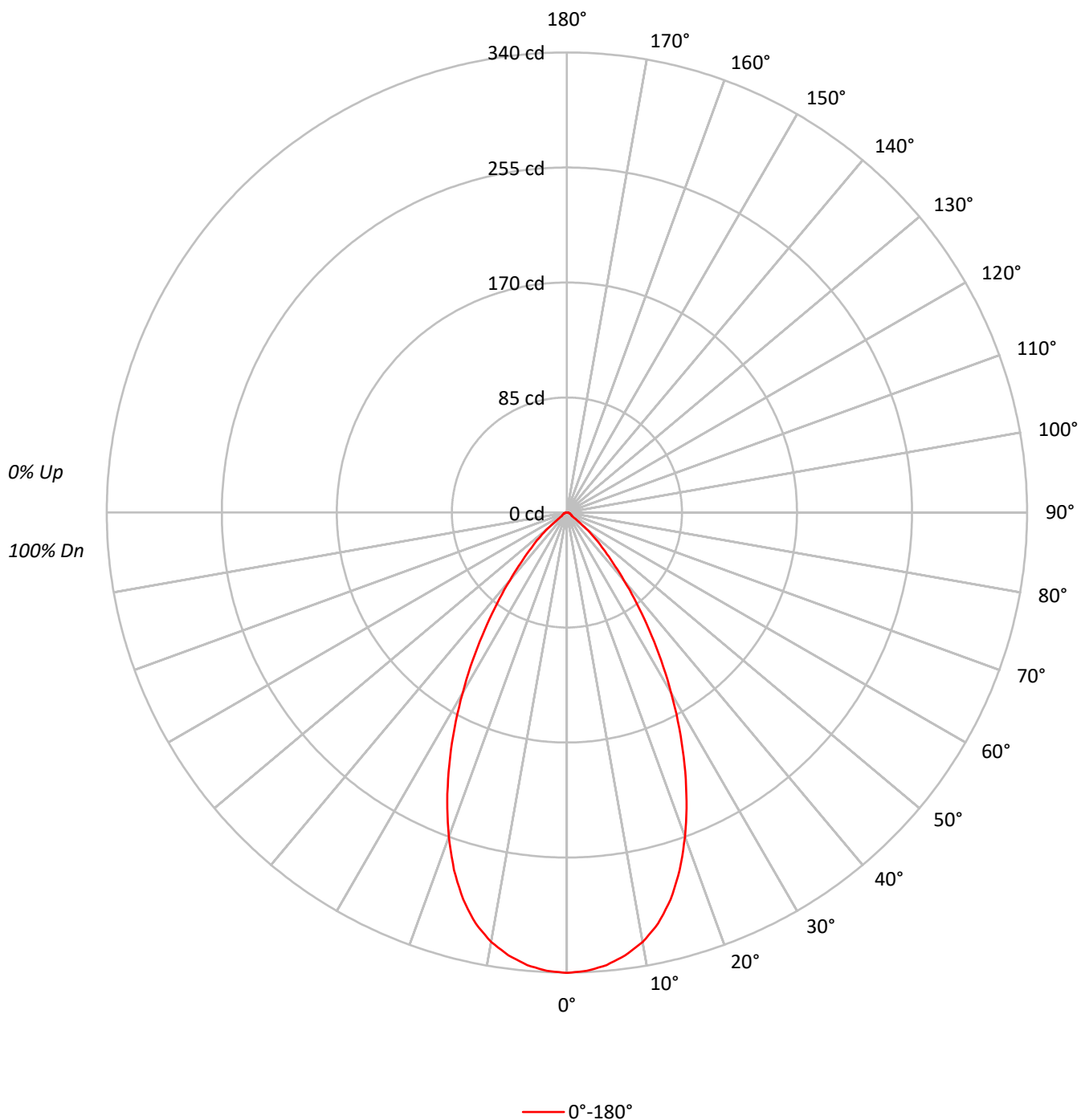
Lumens per Lamp: N/A
Luminaire Lumens: 316.0 lumens
Efficiency: N/A
Efficacy: 28.5 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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: P1262442

CATALOG NUMBER: P3AS09R609727DE010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1262442

CATALOG NUMBER: P3AS09R609727DE010 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		68
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°	74621
5°	73916
10°	71764
15°	67219
20°	59505
25°	49769
30°	39019
35°	28295
40°	18835
45°	11722
50°	6345
55°	1835
60°	1710
65°	1557
70°	1539
75°	1525
80°	1515
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11722 cd/sqm

TEST NUMBER: P1262442

CATALOG NUMBER: P3AS09R609727DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.6	10.0
10°-20°	82.2	26.0
20°-30°	93.6	29.6
30°-40°	66.4	21.0
40°-50°	30.1	9.5
50°-60°	6.4	2.0
60°-70°	3.1	1.0
70°-80°	1.9	0.6
80°-90°	0.7	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°	207.4	65.6
0°-40°	273.8	86.7
0°-60°	310.3	98.2
0°-90°	316.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	316.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	340	
5°	336	32
15°	296	82
25°	206	94
35°	106	66
45°	38	30
55°	5	6
65°	3	3
75°	2	2
85°	1	1
90°	0	

TEST NUMBER: P1262442

CATALOG NUMBER: P3AS09R609727DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	340.3
2.5°	339.1
5°	335.8
7.5°	330.1
10°	322.3
12.5°	311.2
15°	296.1
17.5°	277.2
20°	255.0
22.5°	231.0
25°	205.7
27.5°	179.9
30°	154.1
32.5°	129.4
35°	105.7
37.5°	84.7
40°	65.8
42.5°	49.9
45°	37.8
47.5°	28.2
50°	18.6
52.5°	8.7
55°	4.8
57.5°	4.2
60°	3.9
62.5°	3.6
65°	3.0
67.5°	2.7
70°	2.4
72.5°	2.1
75°	1.8
77.5°	1.5
80°	1.2
82.5°	0.9
85°	0.6
87.5°	0.3
90°	0.0

(END OF REPORT)