

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: P1271775

Luminaire Tested: P3AS09R609827DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271775
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: P3AS09R609827DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

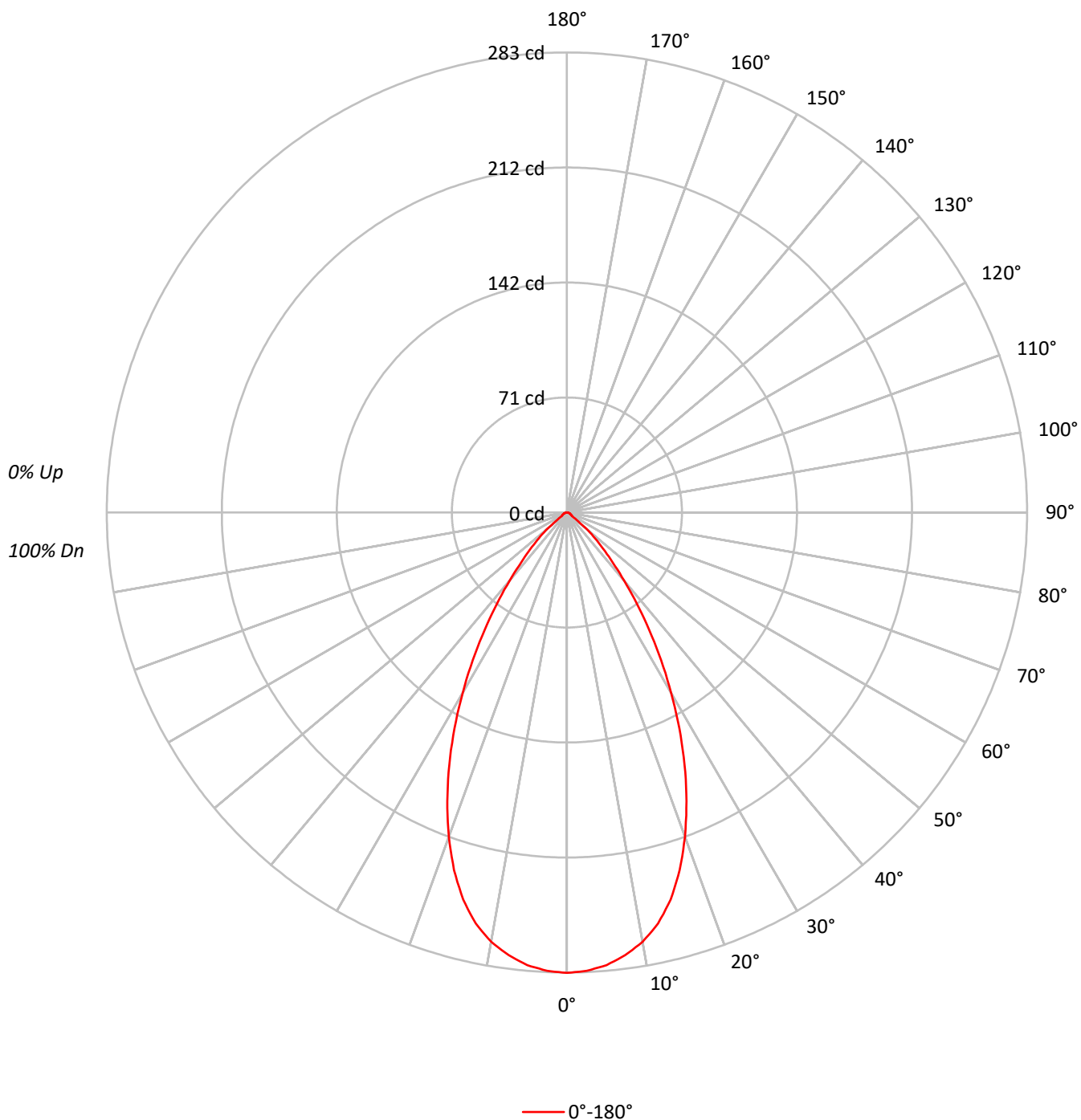
Lumens per Lamp: N/A
Luminaire Lumens: 262.9 lumens
Efficiency: N/A
Efficacy: 23.9 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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

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Luminous Intensity Polar Plot



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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	85	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°	62100
5°	61523
10°	59718
15°	55959
20°	49518
25°	41422
30°	32461
35°	23557
40°	15658
45°	9768
50°	5288
55°	1529
60°	1403
65°	1297
70°	1282
75°	1271
80°	1263
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9768 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.3	10.0
10°-20°	68.4	26.0
20°-30°	77.9	29.6
30°-40°	55.3	21.0
40°-50°	25.1	9.5
50°-60°	5.3	2.0
60°-70°	2.5	1.0
70°-80°	1.6	0.6
80°-90°	0.5	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°	172.6	65.7
0°-40°	227.9	86.7
0°-60°	258.3	98.2
0°-90°	262.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	262.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	283	
5°	280	26
15°	246	68
25°	171	78
35°	88	55
45°	32	25
55°	4	5
65°	2	3
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	283.2
2.5°	282.2
5°	279.5
7.5°	274.7
10°	268.2
12.5°	259.0
15°	246.5
17.5°	230.7
20°	212.2
22.5°	192.2
25°	171.2
27.5°	149.7
30°	128.2
32.5°	107.7
35°	88.0
37.5°	70.5
40°	54.7
42.5°	41.5
45°	31.5
47.5°	23.5
50°	15.5
52.5°	7.2
55°	4.0
57.5°	3.5
60°	3.2
62.5°	3.0
65°	2.5
67.5°	2.2
70°	2.0
72.5°	1.7
75°	1.5
77.5°	1.2
80°	1.0
82.5°	0.7
85°	0.5
87.5°	0.2
90°	0.0

(END OF REPORT)