

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: P1269504

Luminaire Tested: P3AS09R459740DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269504
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R459740DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 4000K CCT AND, 97CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

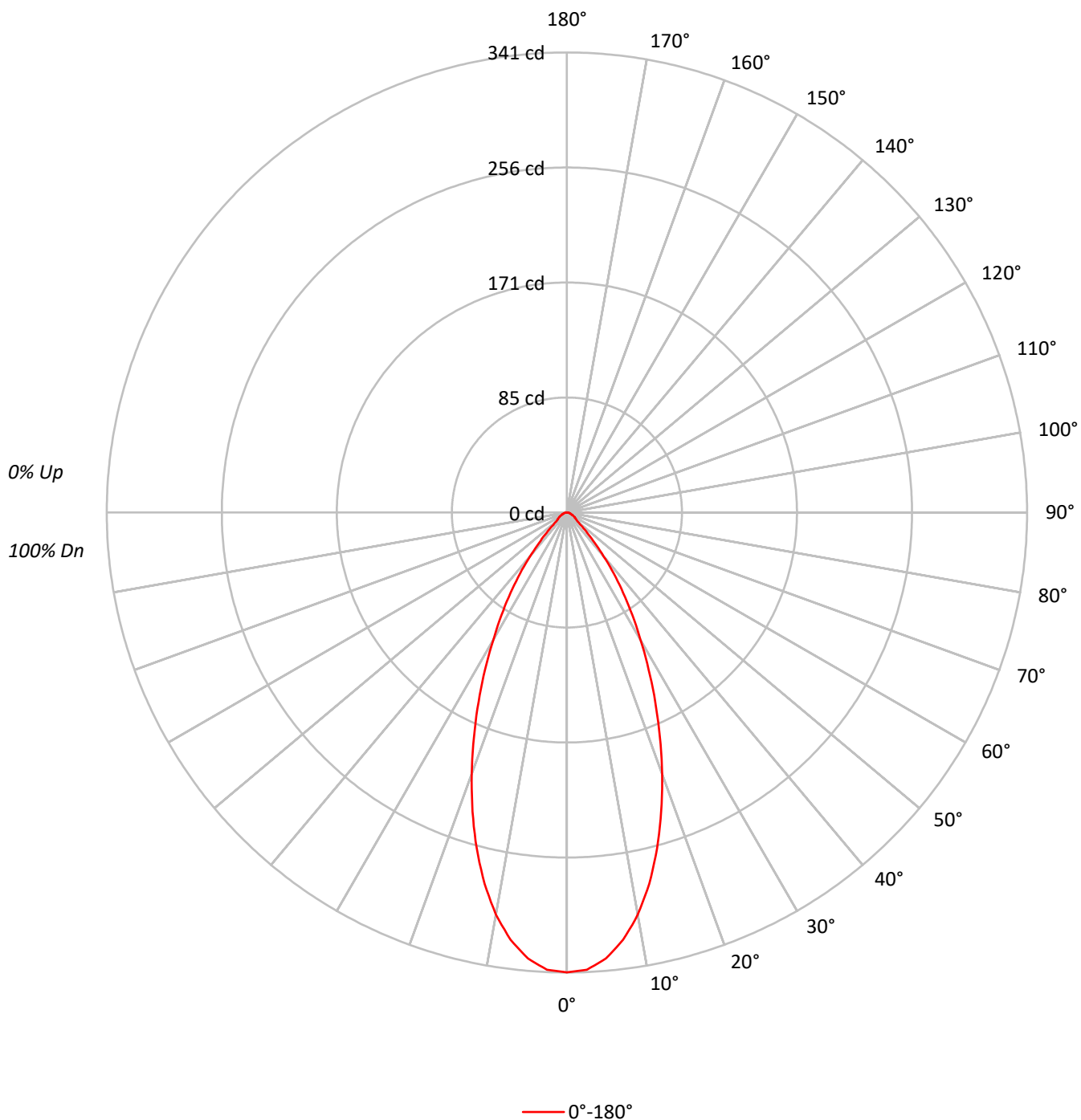
Lumens per Lamp: N/A
Luminaire Lumens: 250.9 lumens
Efficiency: N/A
Efficacy: 22.6 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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				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	108	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		86
3	102	95	90	85	100	93	89	85	91	87	83		88	85	82		79
4	96	88	83	78	94	87	82	78	85	81	77		83	79	76		74
5	91	83	77	72	90	82	76	72	80	75	71		78	74	71		69
6	87	78	72	67	85	77	71	67	75	70	66		74	69	66		64
7	83	73	67	63	81	72	67	63	71	66	62		70	65	62		60
8	79	69	63	59	77	68	63	59	67	62	58		66	62	58		56
9	75	65	59	55	74	65	59	55	64	59	55		63	58	55		53
10	72	62	56	52	71	61	56	52	61	55	52		60	55	52		50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	74753
5°	73057
10°	67400
15°	58593
20°	48141
25°	37454
30°	27650
35°	19461
40°	12137
45°	6574
50°	3548
55°	3058
60°	2763
65°	2335
70°	1988
75°	2033
80°	1768
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6574 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.7	12.2
10°-20°	71.4	28.4
20°-30°	70.8	28.2
30°-40°	45.6	18.2
40°-50°	17.6	7.0
50°-60°	7.2	2.9
60°-70°	4.5	1.8
70°-80°	2.4	1.0
80°-90°	0.7	0.3
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°	173.0	68.9
0°-40°	218.6	87.1
0°-60°	243.3	97.0
0°-90°	250.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	250.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	341	
5°	332	31
15°	258	71
25°	155	71
35°	73	46
45°	21	18
55°	8	7
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	340.9
2.5°	339.2
5°	331.9
7.5°	319.4
10°	302.7
12.5°	281.8
15°	258.1
17.5°	232.4
20°	206.3
22.5°	179.9
25°	154.8
27.5°	131.2
30°	109.2
32.5°	90.1
35°	72.7
37.5°	57.1
40°	42.4
42.5°	30.6
45°	21.2
47.5°	14.3
50°	10.4
52.5°	8.7
55°	8.0
57.5°	7.0
60°	6.3
62.5°	5.2
65°	4.5
67.5°	3.8
70°	3.1
72.5°	2.8
75°	2.4
77.5°	1.7
80°	1.4
82.5°	1.0
85°	0.7
87.5°	0.3
90°	0.0

(END OF REPORT)