

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: P1268848

Luminaire Tested: P3A02R709740DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268848
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: P3A02R709740DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R70 optic, 4000K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

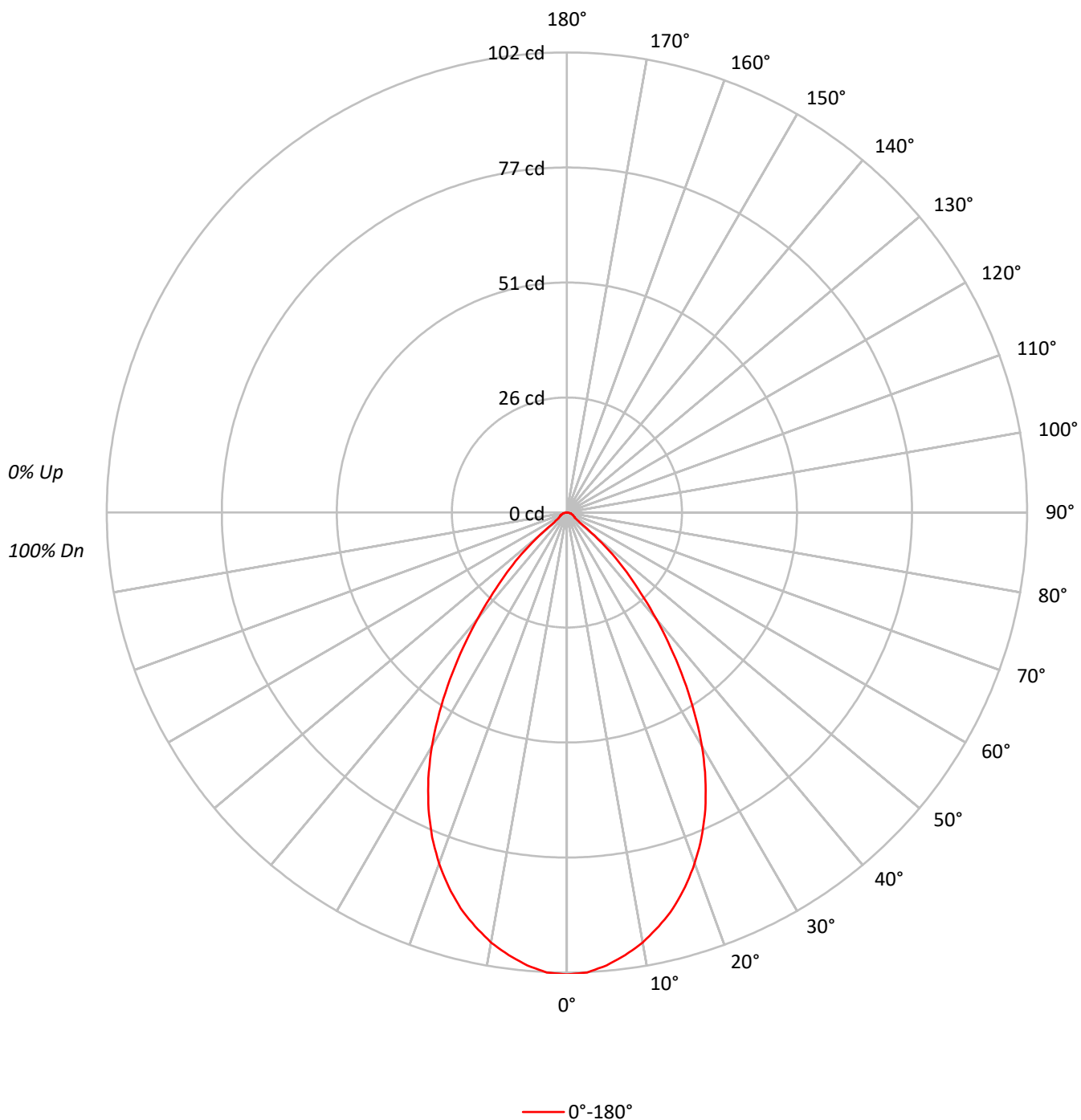
Lumens per Lamp: N/A
Luminaire Lumens: 116.0 lumens
Efficiency: N/A
Efficacy: 32.2 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1268848

CATALOG NUMBER: P3A02R709740DE010 E3DL1GPH

Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20
RC	80					70					30					10					0
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	113	110	107	104		110	108	105	103		103	101	100		100	98	97		96	95	94
2	106	101	96	93		104	99	95	92		96	93	90		93	90	88		90	88	86
3	100	93	88	83		98	92	87	82		89	85	81		86	83	80		84	81	79
4	94	86	80	75		93	85	79	75		83	78	74		81	76	73		79	75	72
5	89	80	73	69		87	79	73	68		77	72	68		75	71	67		74	70	66
6	84	74	68	63		82	73	67	63		72	66	62		70	65	62		69	65	61
7	79	69	62	58		78	68	62	58		67	61	57		66	61	57		65	60	57
8	75	65	58	53		74	64	58	53		63	57	53		62	57	53		61	56	53
9	71	60	54	50		70	60	54	50		59	53	49		58	53	49		57	52	49
10	67	57	50	46		66	56	50	46		55	50	46		55	49	46		54	49	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	22454
5°	22188
10°	21554
15°	20636
20°	19322
25°	17566
30°	15167
35°	12100
40°	8817
45°	5799
50°	2695
55°	841
60°	789
65°	778
70°	769
75°	763
80°	758
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5799 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.5	8.2
10°-20°	25.4	21.9
20°-30°	33.1	28.5
30°-40°	28.1	24.2
40°-50°	14.5	12.5
50°-60°	2.8	2.4
60°-70°	1.5	1.3
70°-80°	0.9	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°	68.0	58.6
0°-40°	96.1	82.8
0°-60°	113.3	97.7
0°-90°	116.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	116.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	102	
5°	101	9
15°	91	25
25°	73	33
35°	45	28
45°	19	14
55°	2	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	102.4
2.5°	102.1
5°	100.8
7.5°	99.0
10°	96.8
12.5°	94.0
15°	90.9
17.5°	87.1
20°	82.8
22.5°	78.0
25°	72.6
27.5°	66.5
30°	59.9
32.5°	52.6
35°	45.2
37.5°	37.8
40°	30.8
42.5°	24.2
45°	18.7
47.5°	13.7
50°	7.9
52.5°	3.5
55°	2.2
57.5°	2.1
60°	1.8
62.5°	1.7
65°	1.5
67.5°	1.4
70°	1.2
72.5°	1.0
75°	0.9
77.5°	0.7
80°	0.6
82.5°	0.3
85°	0.2
87.5°	0.1
90°	0.0

(END OF REPORT)