

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: P1273043

Luminaire Tested: P3A02R409830DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273043
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R409830DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

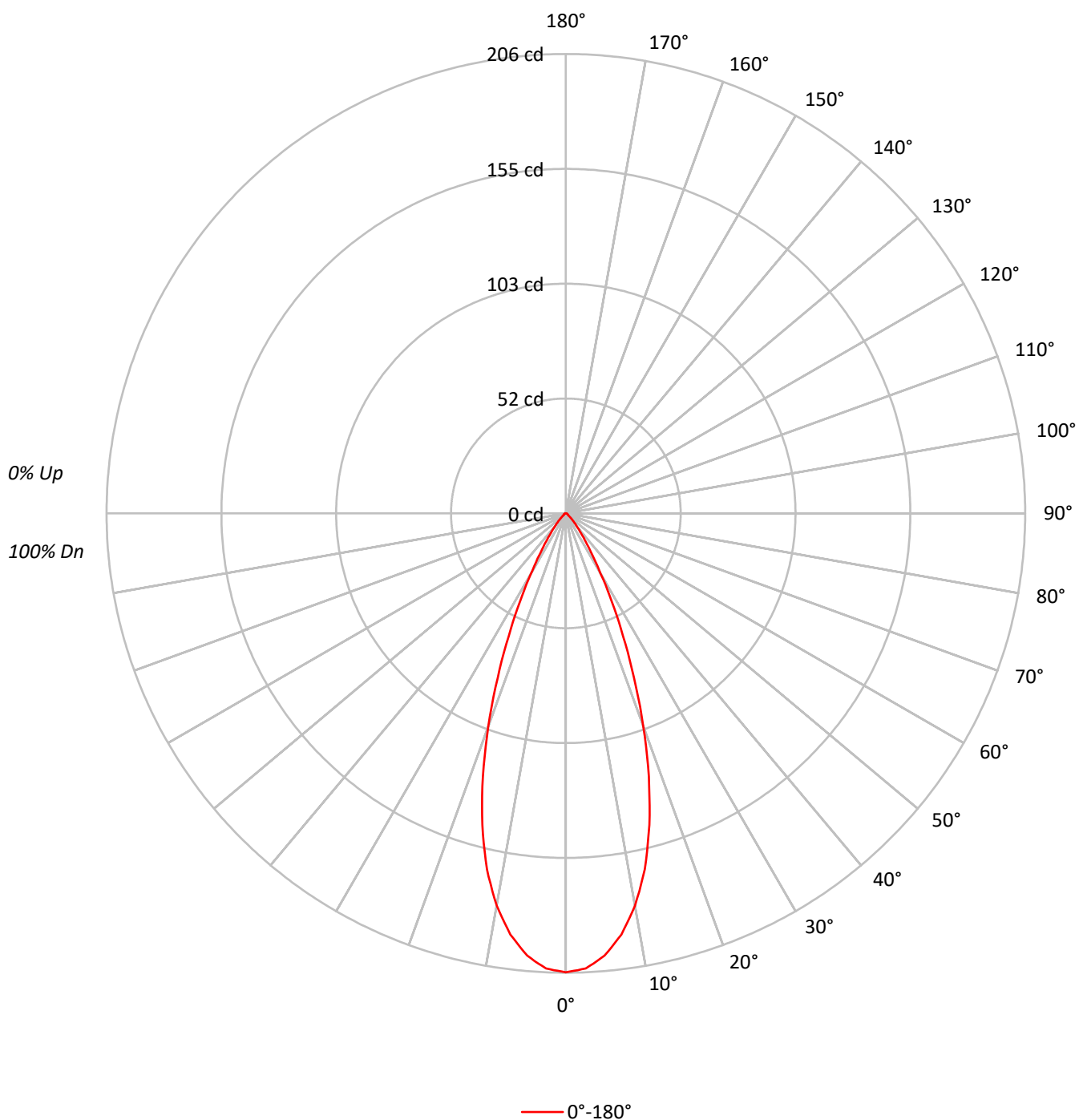
Lumens per Lamp: N/A
Luminaire Lumens: 102.0 lumens
Efficiency: N/A
Efficacy: 28.3 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	114	111	109	107	112	109	107	105	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	104	99	94	91	102	97	93	90	95	91	88		92	89	87		90
4	100	93	88	85	98	92	88	84	90	86	83		88	85	82		86
5	96	88	83	79	94	87	83	79	86	82	78		84	81	78		83
6	92	84	79	75	91	83	78	75	82	77	74		81	77	74		79
7	88	80	75	71	87	79	74	71	78	74	71		77	73	70		76
8	85	76	71	68	84	76	71	67	75	70	67		74	70	67		73
9	82	73	68	64	81	73	68	64	72	67	64		71	67	64		70
10	78	70	65	62	78	70	65	61	69	64	61		68	64	61		67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	45128
5°	43826
10°	39768
15°	32849
20°	23709
25°	14662
30°	7925
35°	4096
40°	2233
45°	1240
50°	614
55°	459
60°	439
65°	415
70°	385
75°	339
80°	379
85°	252

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1240 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.4	18.0
10°-20°	39.4	38.6
20°-30°	28.1	27.6
30°-40°	10.4	10.2
40°-50°	3.2	3.2
50°-60°	1.1	1.1
60°-70°	0.8	0.8
70°-80°	0.5	0.5
80°-90°	0.1	0.1
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°	85.9	84.2
0°-40°	96.3	94.3
0°-60°	100.6	98.6
0°-90°	102.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	102.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	206	
5°	199	18
15°	145	39
25°	61	28
35°	15	10
45°	4	3
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	205.8
2.5°	204.3
5°	199.1
7.5°	190.5
10°	178.6
12.5°	163.5
15°	144.7
17.5°	123.7
20°	101.6
22.5°	79.8
25°	60.6
27.5°	44.5
30°	31.3
32.5°	22.0
35°	15.3
37.5°	10.9
40°	7.8
42.5°	5.6
45°	4.0
47.5°	2.7
50°	1.8
52.5°	1.3
55°	1.2
57.5°	1.1
60°	1.0
62.5°	0.9
65°	0.8
67.5°	0.7
70°	0.6
72.5°	0.5
75°	0.4
77.5°	0.4
80°	0.3
82.5°	0.2
85°	0.1
87.5°	0.1
90°	0.0

(END OF REPORT)