

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: P1269467

Luminaire Tested: P3A09R409740DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269467
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: P3A09R409740DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 4000K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

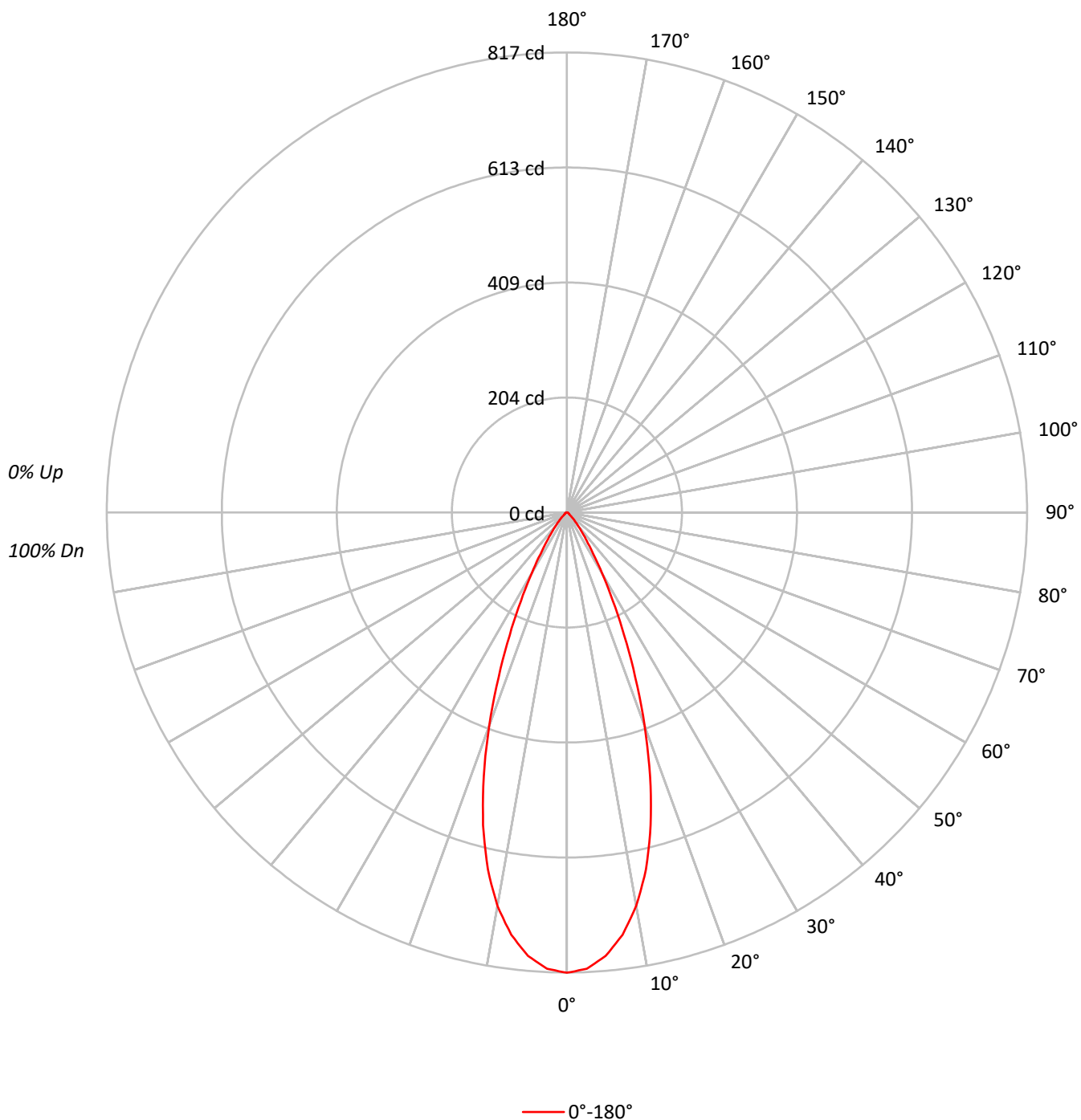
Lumens per Lamp: N/A
Luminaire Lumens: 404.9 lumens
Efficiency: N/A
Efficacy: 36.5 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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					10
RW	70	50	30	10	70	50	30	10	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	102	102	100
1	114	111	109	107	112	109	107	105	105	104	102	102	100	99	98	97	96	96	96	94
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	91	91	89
3	104	99	94	91	102	97	93	90	95	91	88	92	89	87	90	88	86	86	86	84
4	100	93	88	85	98	92	88	84	90	86	83	88	85	82	86	84	81	81	81	80
5	96	88	83	79	94	88	83	79	86	82	78	84	81	78	83	80	77	77	77	76
6	92	84	79	75	91	83	78	75	82	78	74	81	77	74	79	76	73	73	73	72
7	88	80	75	71	87	79	74	71	78	74	71	77	73	70	76	73	70	70	70	69
8	85	76	71	68	84	76	71	67	75	70	67	74	70	67	73	69	67	67	67	65
9	82	73	68	64	81	73	68	64	72	67	64	71	67	64	70	66	64	64	64	63
10	78	70	65	62	78	70	65	62	69	64	61	68	64	61	67	64	61	61	61	60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	179218
5°	174004
10°	157913
15°	130443
20°	94088
25°	58213
30°	31499
35°	16276
40°	8845
45°	4962
50°	2490
55°	1873
60°	1667
65°	1608
70°	1539
75°	1440
80°	1263
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4962 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.9	18.0
10°-20°	156.5	38.6
20°-30°	111.7	27.6
30°-40°	41.1	10.1
40°-50°	12.9	3.2
50°-60°	4.5	1.1
60°-70°	3.1	0.8
70°-80°	1.8	0.4
80°-90°	0.5	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°	341.0	84.2
0°-40°	382.1	94.4
0°-60°	399.5	98.7
0°-90°	404.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	404.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	817	
5°	790	73
15°	575	156
25°	241	112
35°	61	41
45°	16	13
55°	5	4
65°	3	3
75°	2	2
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	817.3
2.5°	811.0
5°	790.5
7.5°	756.4
10°	709.2
12.5°	649.0
15°	574.6
17.5°	491.2
20°	403.2
22.5°	316.7
25°	240.6
27.5°	176.6
30°	124.4
32.5°	87.3
35°	60.8
37.5°	43.1
40°	30.9
42.5°	22.2
45°	16.0
47.5°	10.8
50°	7.3
52.5°	5.2
55°	4.9
57.5°	4.5
60°	3.8
62.5°	3.5
65°	3.1
67.5°	2.8
70°	2.4
72.5°	2.1
75°	1.7
77.5°	1.4
80°	1.0
82.5°	0.7
85°	0.3
87.5°	0.3
90°	0.0

(END OF REPORT)