

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: P1268802

Luminaire Tested: P3A02R609740DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268802
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R609740DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 97CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

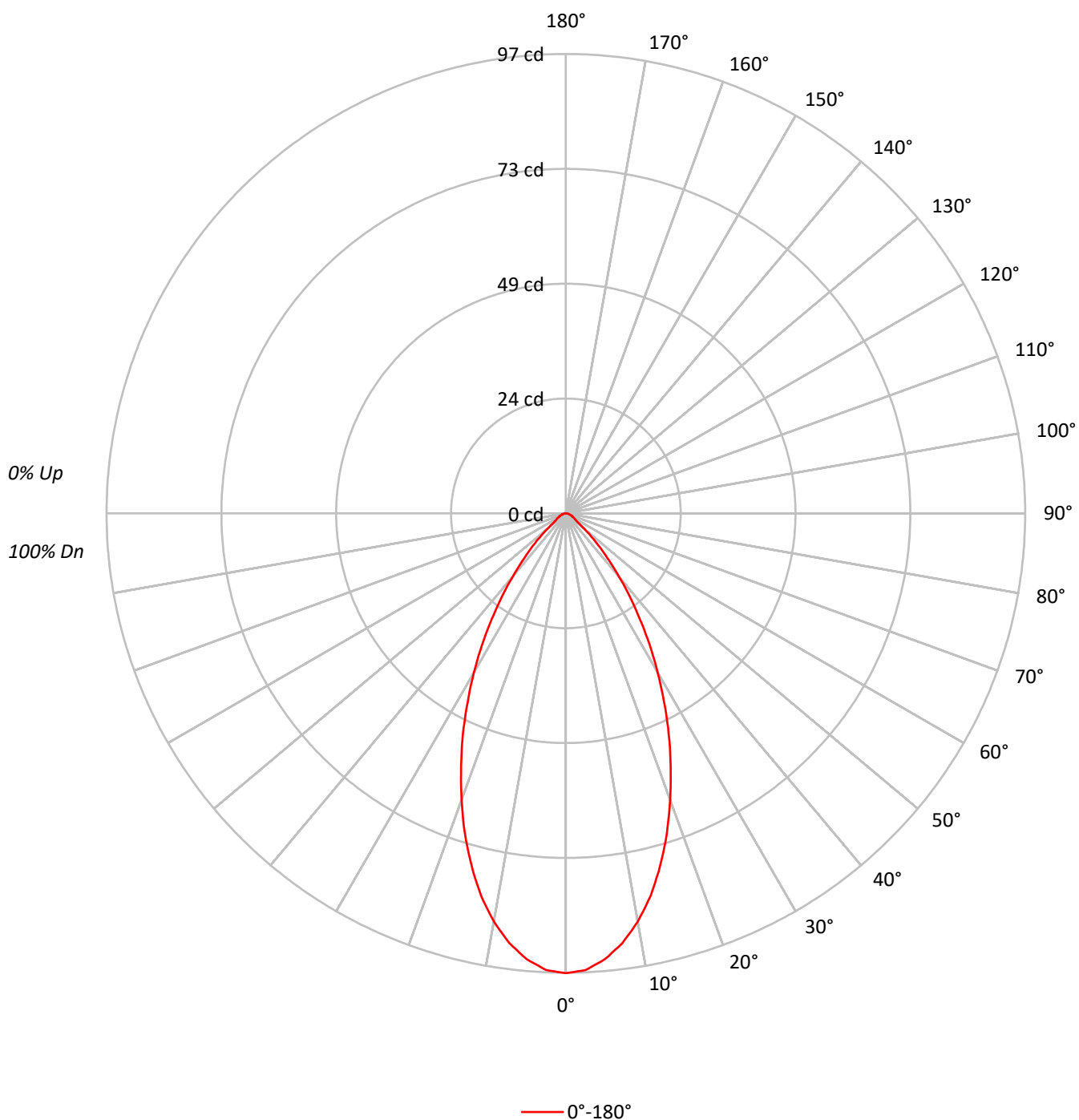
Lumens per Lamp: N/A
Luminaire Lumens: 84.0 lumens
Efficiency: N/A
Efficacy: 23.3 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	110	107	105	110	108	105	103	104	102	100		100	98	97		96
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		91
3	101	94	88	84	99	92	87	83	90	86	82		87	84	81		85
4	95	87	81	77	93	86	80	76	84	79	75		82	78	74		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		71
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		67
8	77	67	60	56	75	66	60	56	65	60	56		64	59	55		63
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		60
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	21292
5°	20801
10°	19483
15°	17480
20°	15028
25°	12436
30°	9824
35°	7281
40°	5009
45°	3163
50°	1740
55°	1032
60°	921
65°	778
70°	641
75°	678
80°	631
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3163 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.8	10.5
10°-20°	21.4	25.5
20°-30°	23.5	27.9
30°-40°	17.1	20.3
40°-50°	8.1	9.6
50°-60°	2.6	3.2
60°-70°	1.5	1.8
70°-80°	0.8	1.0
80°-90°	0.2	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°	53.6	63.9
0°-40°	70.7	84.2
0°-60°	81.5	97.0
0°-90°	84.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	84.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	97	
5°	94	9
15°	77	21
25°	51	23
35°	27	17
45°	10	8
55°	3	3
65°	2	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	97.1
2.5°	96.5
5°	94.5
7.5°	91.5
10°	87.5
12.5°	82.7
15°	77.0
17.5°	70.9
20°	64.4
22.5°	57.8
25°	51.4
27.5°	44.9
30°	38.8
32.5°	32.9
35°	27.2
37.5°	22.2
40°	17.5
42.5°	13.5
45°	10.2
47.5°	7.4
50°	5.1
52.5°	3.3
55°	2.7
57.5°	2.3
60°	2.1
62.5°	1.7
65°	1.5
67.5°	1.3
70°	1.0
72.5°	0.9
75°	0.8
77.5°	0.6
80°	0.5
82.5°	0.3
85°	0.2
87.5°	0.1
90°	0.0

(END OF REPORT)