

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: P1272905

Luminaire Tested: P3A02R159830DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272905
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R159830DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

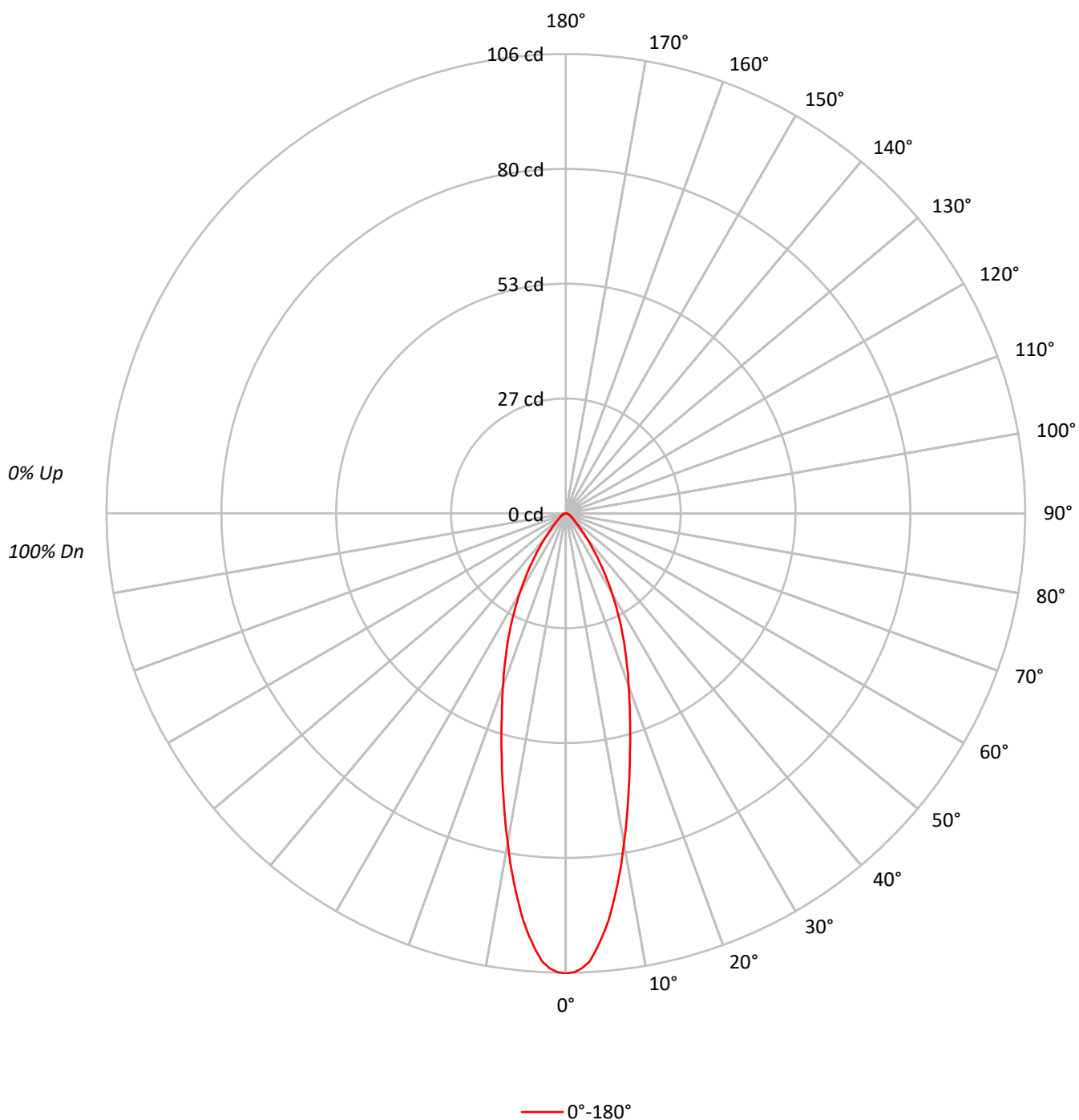
Lumens per Lamp: N/A
Luminaire Lumens: 54.0 lumens
Efficiency: N/A
Efficacy: 15.0 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	108	106	111	108	106	104	104	102	101		100	99	98		97
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	81	77		82
5	92	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	23288
5°	21528
10°	17190
15°	12985
20°	9894
25°	7525
30°	5393
35°	3534
40°	2147
45°	1302
50°	853
55°	688
60°	570
65°	519
70°	449
75°	424
80°	379
85°	252

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1302 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.7	16.0
10°-20°	16.0	29.6
20°-30°	14.2	26.3
30°-40°	8.4	15.6
40°-50°	3.4	6.4
50°-60°	1.6	3.0
60°-70°	1.0	1.8
70°-80°	0.5	1.0
80°-90°	0.1	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°	38.9	72.0
0°-40°	47.3	87.5
0°-60°	52.4	96.9
0°-90°	54.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	54.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	106	
5°	98	9
15°	57	16
25°	31	14
35°	13	8
45°	4	3
55°	2	2
65°	1	1
75°	0	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	106.2
1°	105.9
2°	105.1
3°	103.6
4°	100.9
5°	97.8
6°	94.4
7°	90.3
8°	86.1
9°	81.8
10°	77.2
12.5°	66.6
15°	57.2
17.5°	49.1
20°	42.4
22.5°	36.4
25°	31.1
27.5°	26.0
30°	21.3
32.5°	17.0
35°	13.2
37.5°	10.1
40°	7.5
42.5°	5.6
45°	4.2
47.5°	3.2
50°	2.5
52.5°	2.1
55°	1.8
57.5°	1.5
60°	1.3
62.5°	1.1
65°	1.0
67.5°	0.9
70°	0.7
72.5°	0.6
75°	0.5
77.5°	0.4
80°	0.3
82.5°	0.2
85°	0.1
87.5°	0.1
90°	0.0

(END OF REPORT)