

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: P1270073

Luminaire Tested: P3A17R159740DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270073
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R159740DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

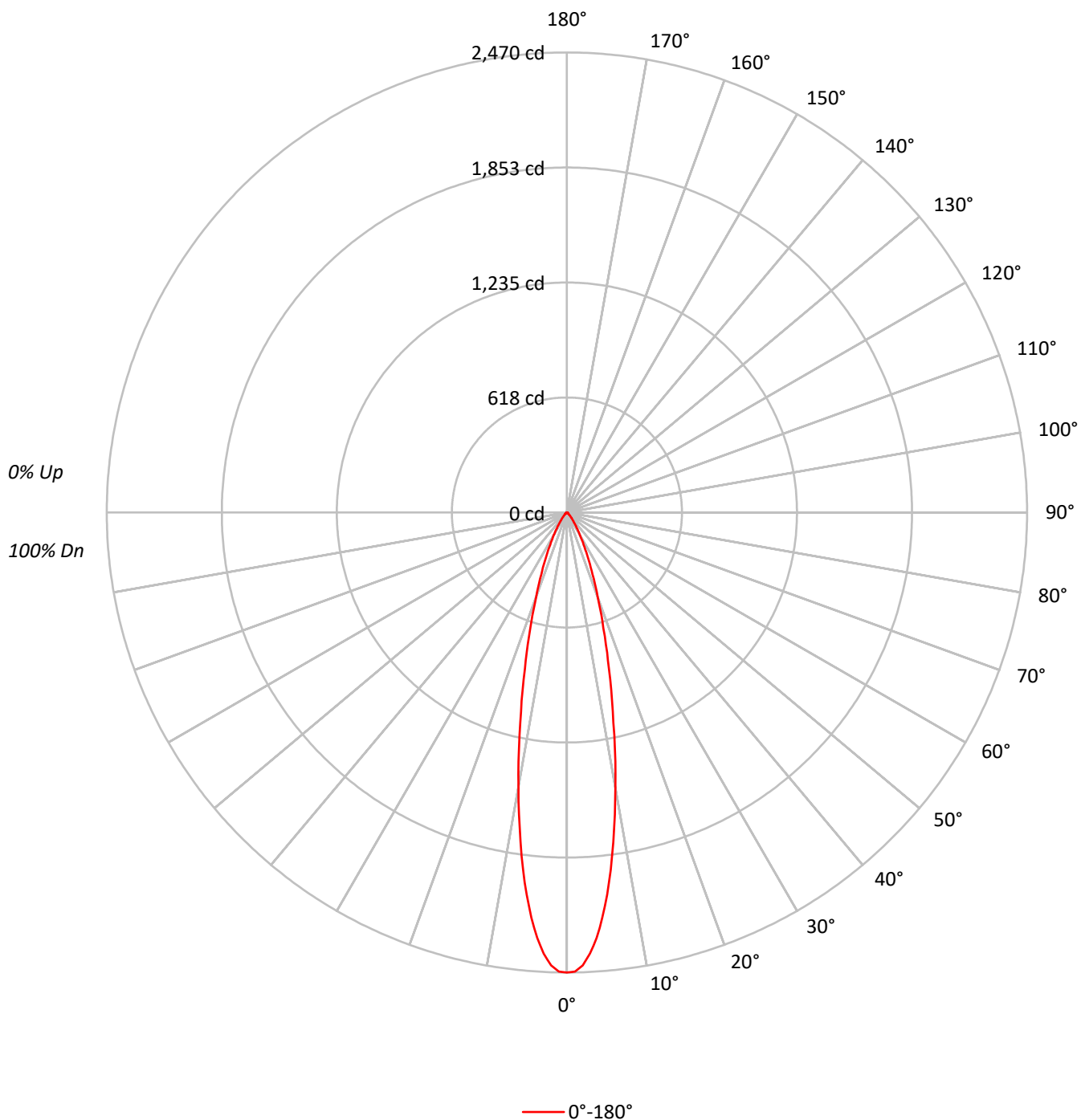
Lumens per Lamp: N/A
Luminaire Lumens: 634.0 lumens
Efficiency: N/A
Efficacy: 29.9 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	106	103	100	108	104	101	99	101	99	97		98	96	95		96
3	106	101	97	93	104	99	96	93	97	94	91		94	92	90		92
4	102	96	92	88	100	95	91	88	93	89	87		91	88	86		89
5	98	92	87	84	97	91	87	83	89	85	83		88	84	82		86
6	95	88	83	80	94	87	83	80	86	82	79		85	81	79		83
7	92	85	80	77	91	84	80	76	83	79	76		82	78	76		81
8	89	81	77	74	88	81	77	73	80	76	73		79	75	73		78
9	86	79	74	71	85	78	74	71	77	73	71		77	73	70		76
10	84	76	71	68	83	76	71	68	75	71	68		74	71	68		74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	541601
5°	480760
10°	333862
15°	197436
20°	112453
25°	64286
30°	35575
35°	18953
40°	10477
45°	5675
50°	3548
55°	2791
60°	2412
65°	2231
70°	1988
75°	2033
80°	1515
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5675 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	185.7	29.3
10°-20°	245.1	38.7
20°-30°	126.2	19.9
30°-40°	47.4	7.5
40°-50°	15.5	2.4
50°-60°	6.7	1.1
60°-70°	4.3	0.7
70°-80°	2.5	0.4
80°-90°	0.7	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°	557.0	87.9
0°-40°	604.4	95.3
0°-60°	626.6	98.8
0°-90°	634.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	634.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2470	
5°	2184	186
15°	870	245
25°	266	126
35°	71	47
45°	18	16
55°	7	7
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2469.9
1°	2465.0
2°	2432.6
3°	2371.0
4°	2289.7
5°	2184.1
6°	2064.4
7°	1933.0
8°	1787.1
9°	1642.9
10°	1499.4
12.5°	1153.7
15°	869.7
17.5°	651.1
20°	481.9
22.5°	359.7
25°	265.7
27.5°	193.6
30°	140.5
32.5°	99.6
35°	70.8
37.5°	50.7
40°	36.6
42.5°	26.3
45°	18.3
47.5°	13.4
50°	10.4
52.5°	8.6
55°	7.3
57.5°	6.1
60°	5.5
62.5°	4.9
65°	4.3
67.5°	3.7
70°	3.1
72.5°	3.1
75°	2.4
77.5°	1.8
80°	1.2
82.5°	1.2
85°	0.6
87.5°	0.0
90°	0.0

(END OF REPORT)