

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: P1247183

Luminaire Tested: P3A17R159024DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247183
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R159024DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 2400K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

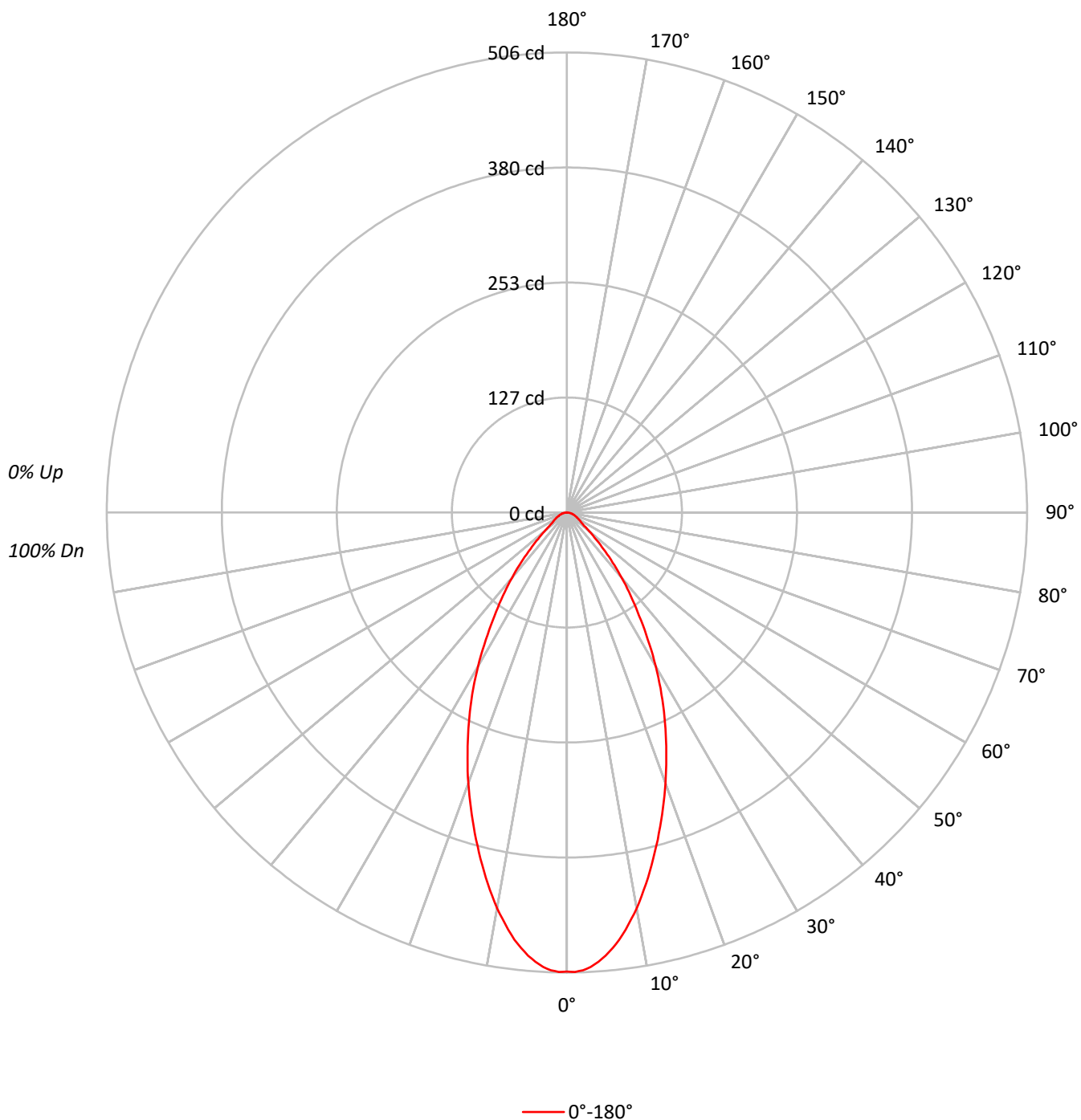
Lumens per Lamp: N/A
Luminaire Lumens: 439.0 lumens
Efficiency: N/A
Efficacy: 20.7 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	71	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	110737
5°	107726
10°	98440
15°	86221
20°	73973
25°	61770
30°	49425
35°	37075
40°	26908
45°	17583
50°	11019
55°	7455
60°	6578
65°	6071
70°	5706
75°	5168
80°	4925
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17583 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.2	10.3
10°-20°	105.8	24.1
20°-30°	116.6	26.6
30°-40°	87.3	19.9
40°-50°	45.3	10.3
50°-60°	18.8	4.3
60°-70°	11.6	2.6
70°-80°	6.5	1.5
80°-90°	1.9	0.4
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°	267.6	61.0
0°-40°	354.9	80.9
0°-60°	418.9	95.4
0°-90°	439.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	439.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	505	
5°	489	45
15°	380	106
25°	255	117
35°	138	87
45°	57	45
55°	20	19
65°	12	12
75°	6	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	505.0
1°	505.5
2°	503.9
3°	500.5
4°	495.5
5°	489.4
6°	481.6
7°	473.3
8°	463.3
9°	452.7
10°	442.1
12.5°	411.5
15°	379.8
17.5°	348.1
20°	317.0
22.5°	285.3
25°	255.3
27.5°	225.2
30°	195.2
32.5°	165.7
35°	138.5
37.5°	115.1
40°	94.0
42.5°	74.5
45°	56.7
47.5°	42.8
50°	32.3
52.5°	23.9
55°	19.5
57.5°	17.2
60°	15.0
62.5°	13.3
65°	11.7
67.5°	10.0
70°	8.9
72.5°	7.2
75°	6.1
77.5°	5.0
80°	3.9
82.5°	2.8
85°	1.7
87.5°	0.6
90°	0.0

(END OF REPORT)