

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: P1259887

Luminaire Tested: P3AS13R159050DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259887
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: P3AS13R159050DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 5000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

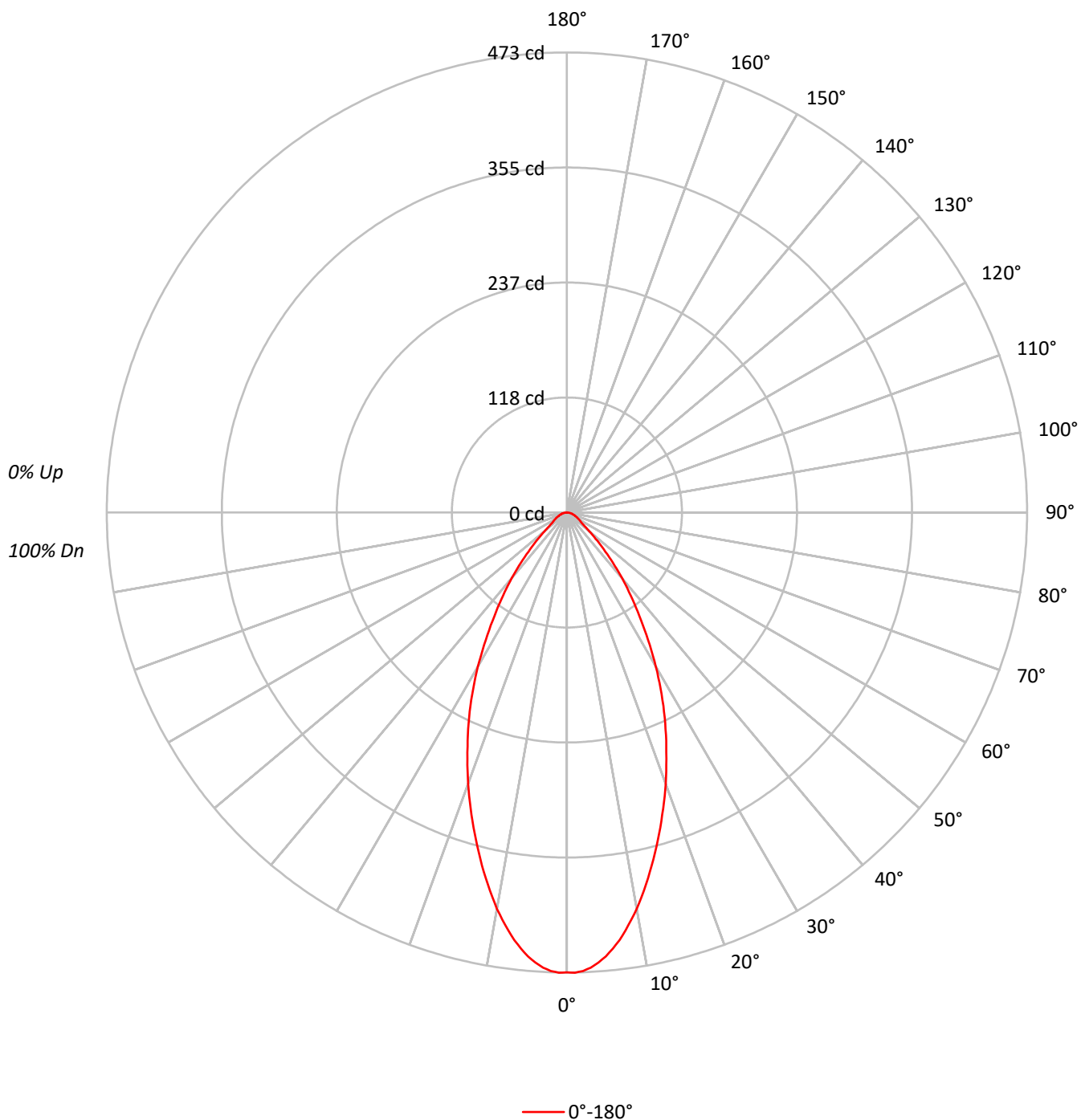
Lumens per Lamp: N/A
Luminaire Lumens: 411.0 lumens
Efficiency: N/A
Efficacy: 28.2 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	109	107	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°	103676
5°	100858
10°	92160
15°	80727
20°	69259
25°	57826
30°	46286
35°	34693
40°	25190
45°	16467
50°	10302
55°	6958
60°	6184
65°	5656
70°	5321
75°	4829
80°	4546
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16467 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.3	10.3
10°-20°	99.1	24.1
20°-30°	109.2	26.6
30°-40°	81.8	19.9
40°-50°	42.4	10.3
50°-60°	17.6	4.3
60°-70°	10.9	2.6
70°-80°	6.1	1.5
80°-90°	1.8	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°	250.5	61.0
0°-40°	332.3	80.9
0°-60°	392.2	95.4
0°-90°	411.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	411.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	473	
5°	458	42
15°	356	99
25°	239	109
35°	130	82
45°	53	42
55°	18	18
65°	11	11
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	472.8
1°	473.3
2°	471.7
3°	468.6
4°	463.9
5°	458.2
6°	450.9
7°	443.1
8°	433.7
9°	423.8
10°	413.9
12.5°	385.3
15°	355.6
17.5°	325.9
20°	296.8
22.5°	267.1
25°	239.0
27.5°	210.9
30°	182.8
32.5°	155.2
35°	129.6
37.5°	107.8
40°	88.0
42.5°	69.8
45°	53.1
47.5°	40.1
50°	30.2
52.5°	22.4
55°	18.2
57.5°	16.1
60°	14.1
62.5°	12.5
65°	10.9
67.5°	9.4
70°	8.3
72.5°	6.8
75°	5.7
77.5°	4.7
80°	3.6
82.5°	2.6
85°	1.6
87.5°	0.5
90°	0.0

(END OF REPORT)