

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: P1260068

Luminaire Tested: P3AS13R459050DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260068
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R459050DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 5000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

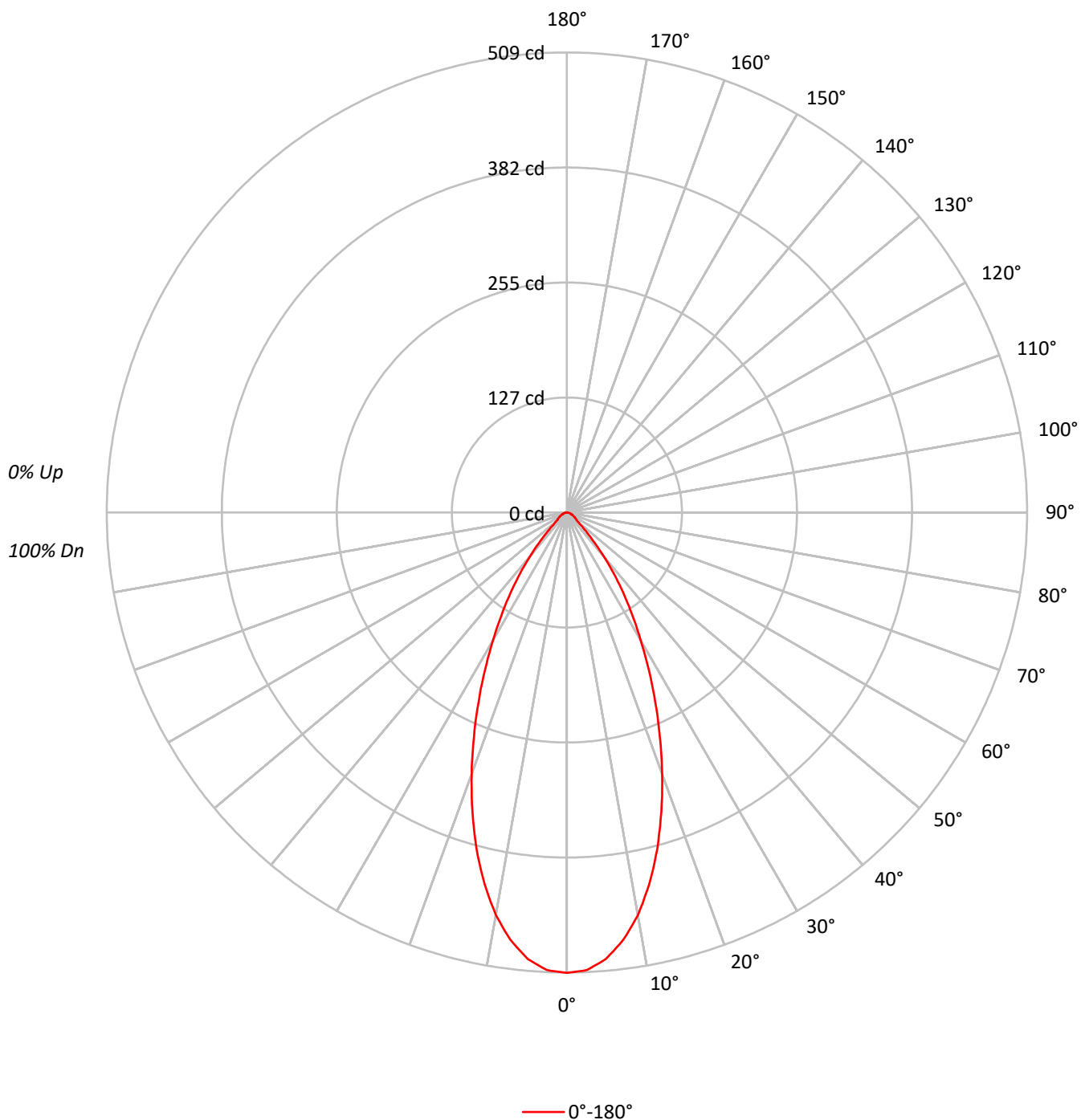
Lumens per Lamp: N/A
Luminaire Lumens: 375.0 lumens
Efficiency: N/A
Efficacy: 25.7 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		0
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		100
1	113	110	107	105	111	108	106	103	104	102	100		100	99	97		93
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		86
3	102	95	90	85	100	93	89	85	91	87	83		88	85	82		79
4	96	88	83	78	94	87	82	78	85	81	77		83	79	76		74
5	91	83	77	72	90	82	76	72	80	75	71		78	74	71		69
6	87	78	72	67	85	77	71	67	75	70	66		74	69	66		64
7	83	73	67	63	81	72	67	62	71	66	62		70	65	62		60
8	79	69	63	59	77	68	63	59	67	62	58		66	62	58		56
9	75	65	59	55	74	65	59	55	64	59	55		63	58	55		53
10	72	62	56	52	71	61	56	52	61	55	52		60	55	52		50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	111702
5°	109157
10°	100688
15°	87560
20°	71920
25°	55963
30°	41323
35°	29071
40°	18148
45°	9830
50°	5322
55°	4588
60°	4122
65°	3528
70°	3013
75°	3050
80°	2652
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9830 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.9	12.2
10°-20°	106.6	28.4
20°-30°	105.8	28.2
30°-40°	68.2	18.2
40°-50°	26.2	7.0
50°-60°	10.7	2.9
60°-70°	6.8	1.8
70°-80°	3.6	1.0
80°-90°	1.1	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°	258.4	68.9
0°-40°	326.5	87.1
0°-60°	363.5	96.9
0°-90°	375.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	375.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	509	
5°	496	46
15°	386	107
25°	231	106
35°	109	68
45°	32	26
55°	12	11
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	509.4
2.5°	506.8
5°	495.9
7.5°	477.2
10°	452.2
12.5°	421.0
15°	385.7
17.5°	347.2
20°	308.2
22.5°	268.7
25°	231.3
27.5°	196.0
30°	163.2
32.5°	134.6
35°	108.6
37.5°	85.2
40°	63.4
42.5°	45.7
45°	31.7
47.5°	21.3
50°	15.6
52.5°	13.0
55°	12.0
57.5°	10.4
60°	9.4
62.5°	7.8
65°	6.8
67.5°	5.7
70°	4.7
72.5°	4.2
75°	3.6
77.5°	2.6
80°	2.1
82.5°	1.6
85°	1.0
87.5°	0.5
90°	0.0

(END OF REPORT)