

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: P1247364

Luminaire Tested: P3A17R459024DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247364
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: P3A17R459024DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 2400K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

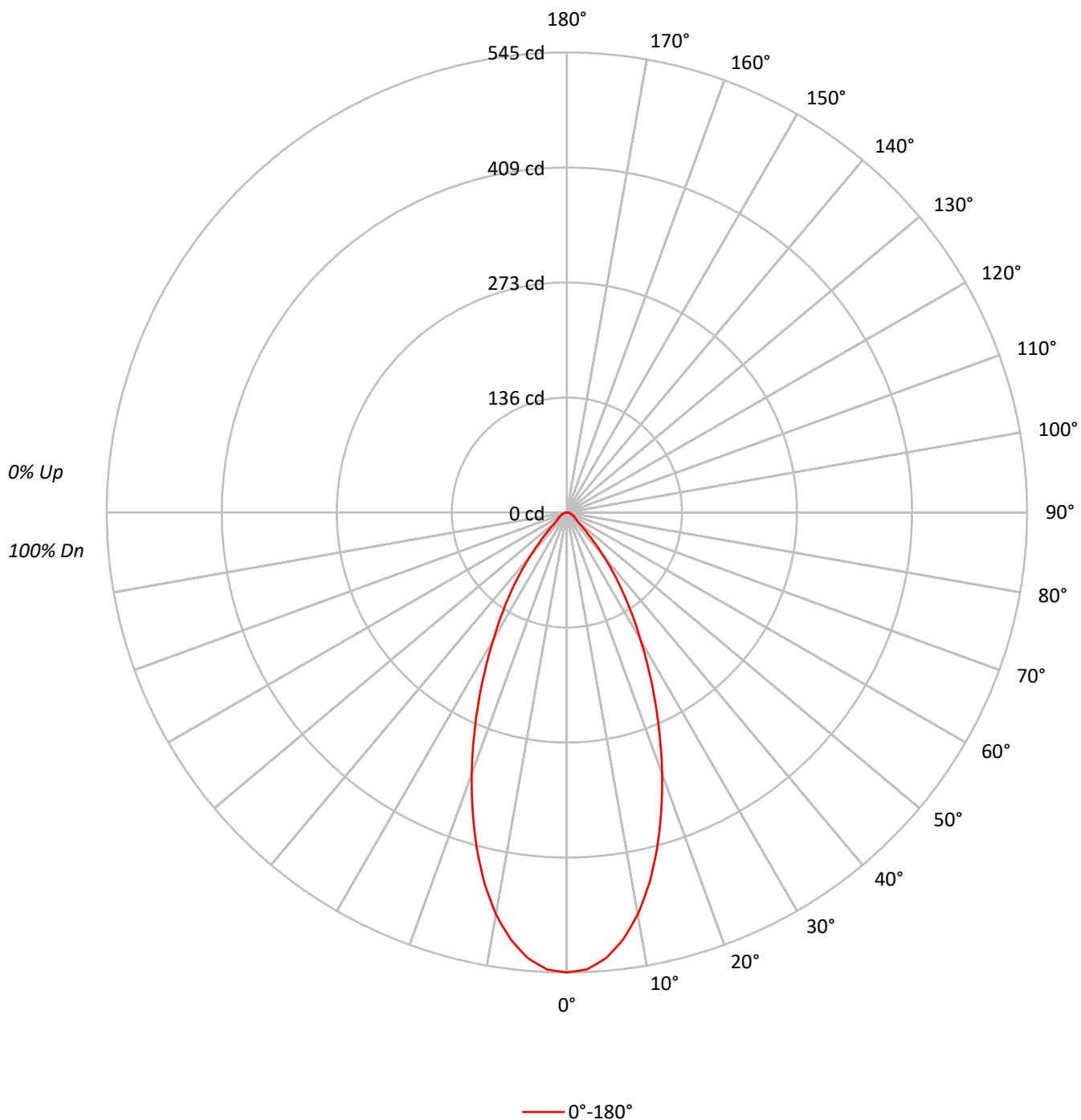
Lumens per Lamp: N/A
Luminaire Lumens: 401.0 lumens
Efficiency: N/A
Efficacy: 18.9 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	110	107	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	102	95	90	85	100	93	89	85	91	87	83		88	85	82		86
4	96	88	83	78	94	87	82	78	85	81	77		83	79	76		81
5	91	83	77	72	90	82	76	72	80	75	71		78	74	71		77
6	87	78	72	67	85	77	71	67	75	70	66		74	69	66		73
7	83	73	67	63	81	72	67	63	71	66	62		70	65	62		69
8	79	69	63	59	77	68	63	59	67	62	58		66	62	58		65
9	75	65	59	55	74	65	59	55	64	59	55		63	58	55		62
10	72	62	56	52	71	61	56	52	61	55	52		60	55	52		59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	119442
5°	116707
10°	107680
15°	93621
20°	76913
25°	59834
30°	44184
35°	31106
40°	19408
45°	10513
50°	5697
55°	4893
60°	4386
65°	3736
70°	3206
75°	3304
80°	2778
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10513 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.1	12.2
10°-20°	114.0	28.4
20°-30°	113.2	28.2
30°-40°	72.9	18.2
40°-50°	28.1	7.0
50°-60°	11.4	2.8
60°-70°	7.2	1.8
70°-80°	3.9	1.0
80°-90°	1.2	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°	276.3	68.9
0°-40°	349.2	87.1
0°-60°	388.7	96.9
0°-90°	401.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	401.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	545	
5°	530	49
15°	412	114
25°	247	113
35°	116	73
45°	34	28
55°	13	11
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	544.7
2.5°	541.9
5°	530.2
7.5°	510.2
10°	483.6
12.5°	450.2
15°	412.4
17.5°	371.3
20°	329.6
22.5°	287.4
25°	247.3
27.5°	209.5
30°	174.5
32.5°	144.0
35°	116.2
37.5°	91.2
40°	67.8
42.5°	48.9
45°	33.9
47.5°	22.8
50°	16.7
52.5°	13.9
55°	12.8
57.5°	11.1
60°	10.0
62.5°	8.3
65°	7.2
67.5°	6.1
70°	5.0
72.5°	4.4
75°	3.9
77.5°	2.8
80°	2.2
82.5°	1.7
85°	1.1
87.5°	0.6
90°	0.0

(END OF REPORT)