

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: P1247273

Luminaire Tested: P3A17R309024DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247273
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R309024DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 2400K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

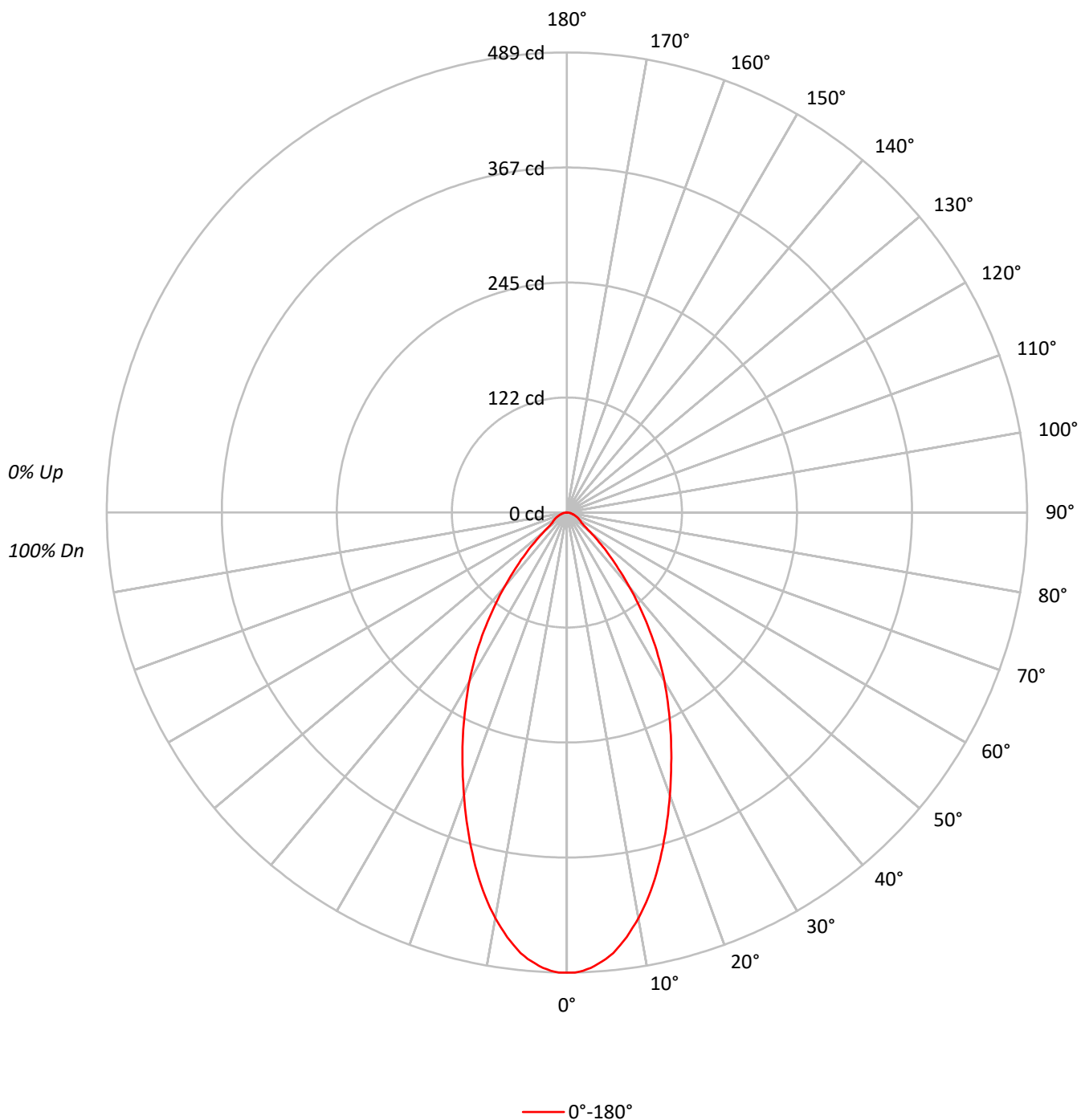
Lumens per Lamp: N/A
Luminaire Lumens: 454.0 lumens
Efficiency: N/A
Efficacy: 21.4 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				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	112	109	106	104	110	107	105	102	103	101	99		99	98	96		91
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		83
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		76
4	94	85	79	74	92	84	79	74	82	77	73		80	76	72		70
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		64
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		59
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		55
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		51
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		48
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	107250
5°	104842
10°	97504
15°	86766
20°	74626
25°	63221
30°	52464
35°	41171
40°	29512
45°	19351
50°	11019
55°	7226
60°	6842
65°	6382
70°	5706
75°	5168
80°	4925
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 19351 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.2	9.7
10°-20°	106.2	23.4
20°-30°	119.7	26.4
30°-40°	95.6	21.1
40°-50°	49.1	10.8
50°-60°	18.5	4.1
60°-70°	12.1	2.7
70°-80°	6.5	1.4
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°	270.2	59.5
0°-40°	365.8	80.6
0°-60°	433.4	95.5
0°-90°	454.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	454.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	489	
5°	476	44
15°	382	106
25°	261	120
35°	154	96
45°	62	49
55°	19	18
65°	12	12
75°	6	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	489.1
1°	489.1
2°	487.5
3°	484.7
4°	480.8
5°	476.3
6°	470.8
7°	463.5
8°	455.7
9°	446.8
10°	437.9
11°	427.9
12°	417.3
13°	406.1
14°	394.4
15°	382.2
17.5°	351.0
20°	319.8
22.5°	289.7
25°	261.3
27.5°	233.4
30°	207.2
32.5°	180.5
35°	153.8
37.5°	127.6
40°	103.1
42.5°	81.3
45°	62.4
47.5°	46.2
50°	32.3
52.5°	22.8
55°	18.9
57.5°	17.3
60°	15.6
62.5°	13.9
65°	12.3
67.5°	10.6
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



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)