

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: P1272359

Luminaire Tested: P3AS17R409827DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272359
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R409827DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 2700K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

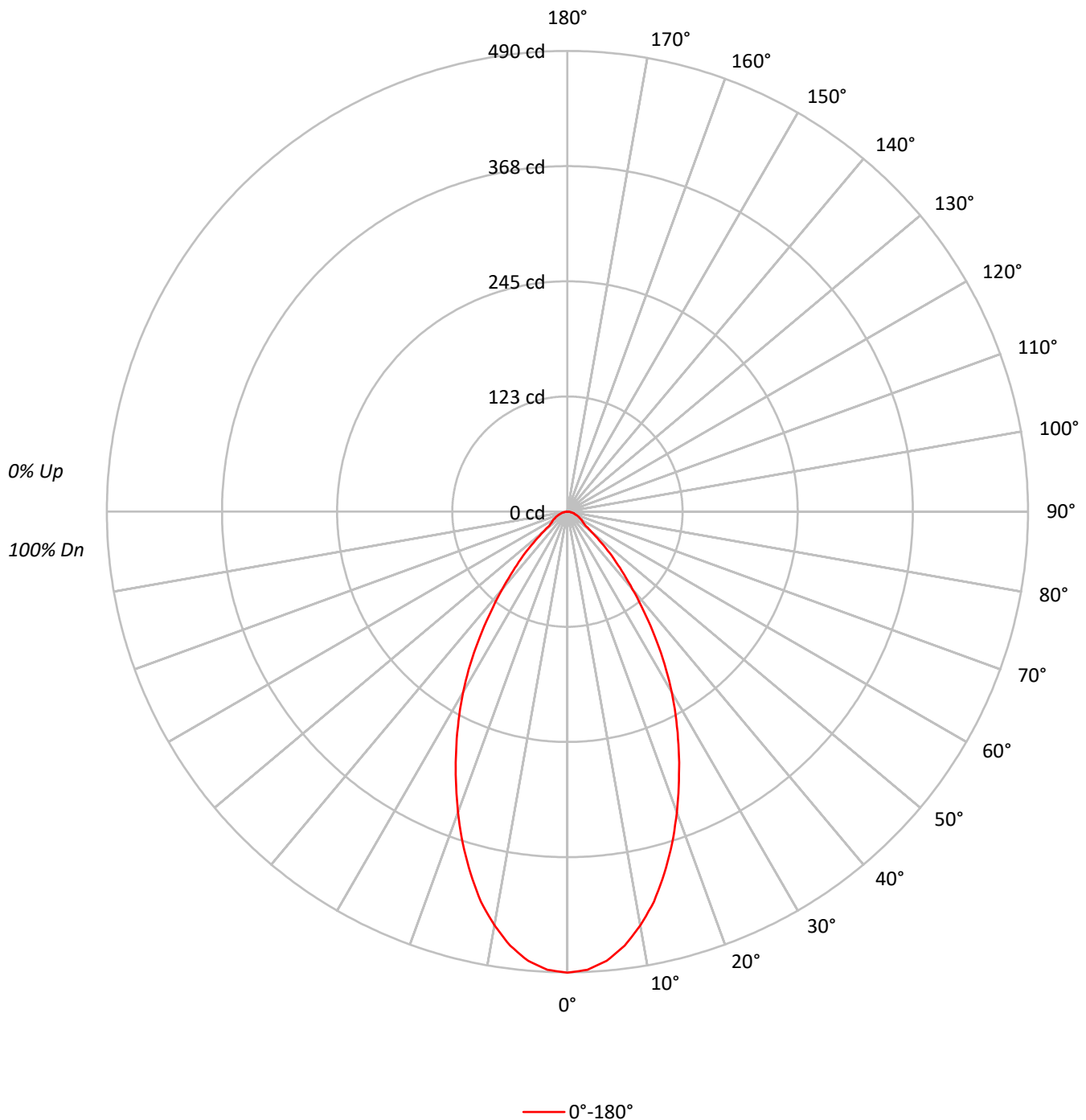
Lumens per Lamp: N/A
Luminaire Lumens: 479.0 lumens
Efficiency: N/A
Efficacy: 23.5 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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	112	109	106	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	107535
5°	105569
10°	99508
15°	90398
20°	79410
25°	67818
30°	56186
35°	43313
40°	30829
45°	20777
50°	11326
55°	7990
60°	7499
65°	6953
70°	6155
75°	5931
80°	4799
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 20777 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.7	9.3
10°-20°	110.9	23.2
20°-30°	128.2	26.8
30°-40°	101.0	21.1
40°-50°	51.9	10.8
50°-60°	19.8	4.1
60°-70°	13.1	2.7
70°-80°	7.1	1.5
80°-90°	2.1	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°	283.9	59.3
0°-40°	384.9	80.4
0°-60°	456.6	95.3
0°-90°	479.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	479.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	490	
5°	480	45
15°	398	111
25°	280	128
35°	162	101
45°	67	52
55°	21	20
65°	13	13
75°	7	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	490.4
2.5°	487.7
5°	479.6
7.5°	465.7
10°	446.9
12.5°	425.0
15°	398.2
17.5°	370.3
20°	340.3
22.5°	309.8
25°	280.3
27.5°	250.8
30°	221.9
32.5°	192.4
35°	161.8
37.5°	133.4
40°	107.7
42.5°	85.7
45°	67.0
47.5°	48.8
50°	33.2
52.5°	24.1
55°	20.9
57.5°	18.8
60°	17.1
62.5°	15.0
65°	13.4
67.5°	11.3
70°	9.6
72.5°	8.0
75°	7.0
77.5°	5.4
80°	3.8
82.5°	3.2
85°	1.6
87.5°	1.1
90°	0.0

(END OF REPORT)