

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: P1253950

Luminaire Tested: P3AS05R409035DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253950
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: P3AS05R409035DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

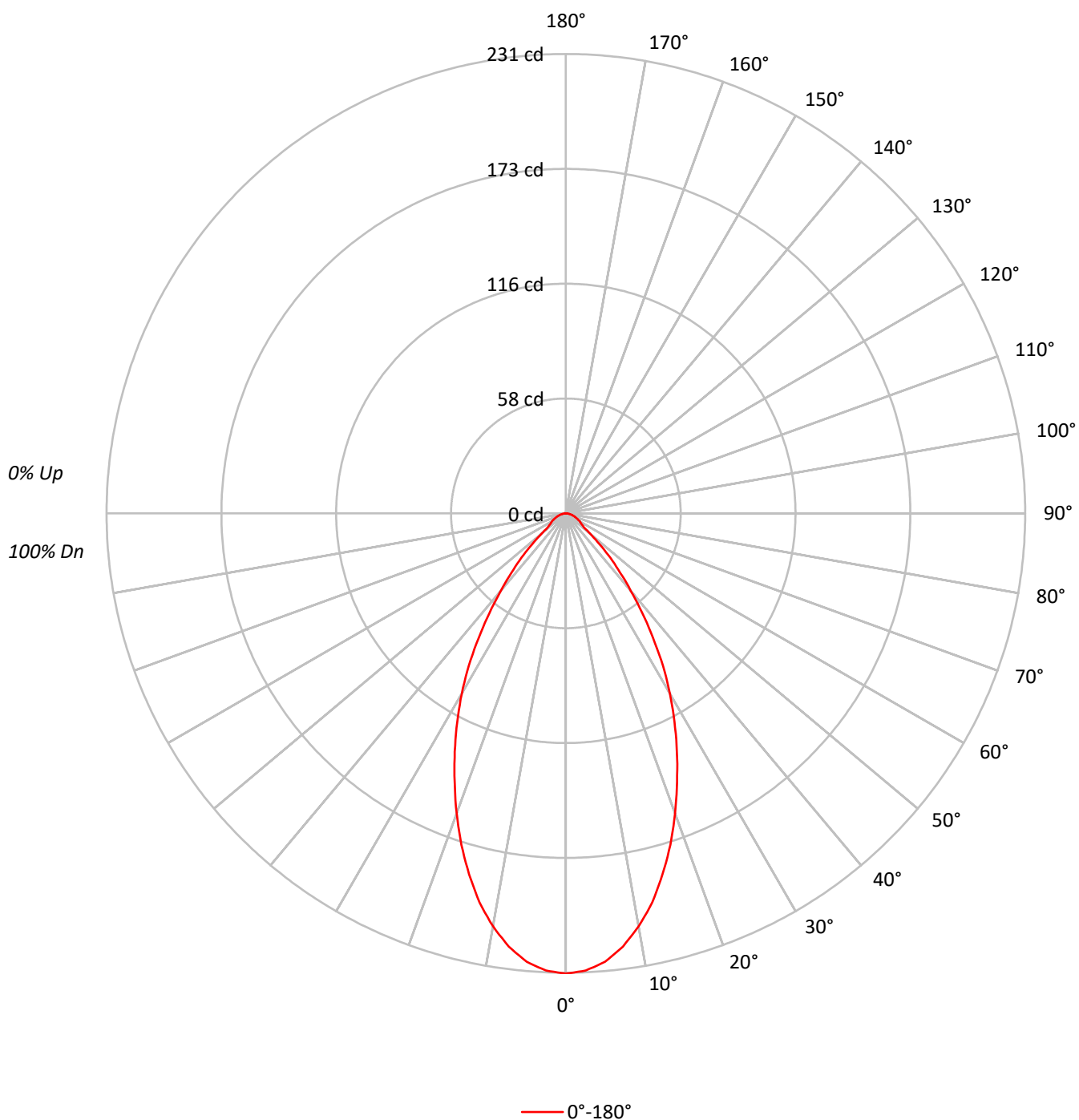
Lumens per Lamp: N/A
Luminaire Lumens: 226.0 lumens
Efficiency: N/A
Efficacy: 31.4 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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	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°	50742
5°	49813
10°	46960
15°	42656
20°	37477
25°	31986
30°	26510
35°	20452
40°	14542
45°	9799
50°	5356
55°	3785
60°	3552
65°	3269
70°	2949
75°	2796
80°	2273
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9799 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.1	9.3
10°-20°	52.3	23.2
20°-30°	60.5	26.8
30°-40°	47.7	21.1
40°-50°	24.5	10.8
50°-60°	9.4	4.1
60°-70°	6.2	2.7
70°-80°	3.4	1.5
80°-90°	1.0	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°	133.9	59.2
0°-40°	181.6	80.3
0°-60°	215.5	95.3
0°-90°	226.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	226.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	231	
5°	226	21
15°	188	52
25°	132	60
35°	76	48
45°	32	24
55°	10	9
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	231.4
2.5°	230.1
5°	226.3
7.5°	219.7
10°	210.9
12.5°	200.5
15°	187.9
17.5°	174.7
20°	160.6
22.5°	146.1
25°	132.2
27.5°	118.3
30°	104.7
32.5°	90.8
35°	76.4
37.5°	63.0
40°	50.8
42.5°	40.5
45°	31.6
47.5°	23.0
50°	15.7
52.5°	11.4
55°	9.9
57.5°	8.8
60°	8.1
62.5°	7.1
65°	6.3
67.5°	5.3
70°	4.6
72.5°	3.8
75°	3.3
77.5°	2.5
80°	1.8
82.5°	1.5
85°	0.8
87.5°	0.5
90°	0.0

(END OF REPORT)