

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: P1255799

Luminaire Tested: P3A24R409035D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255799
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: P3A24R409035D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

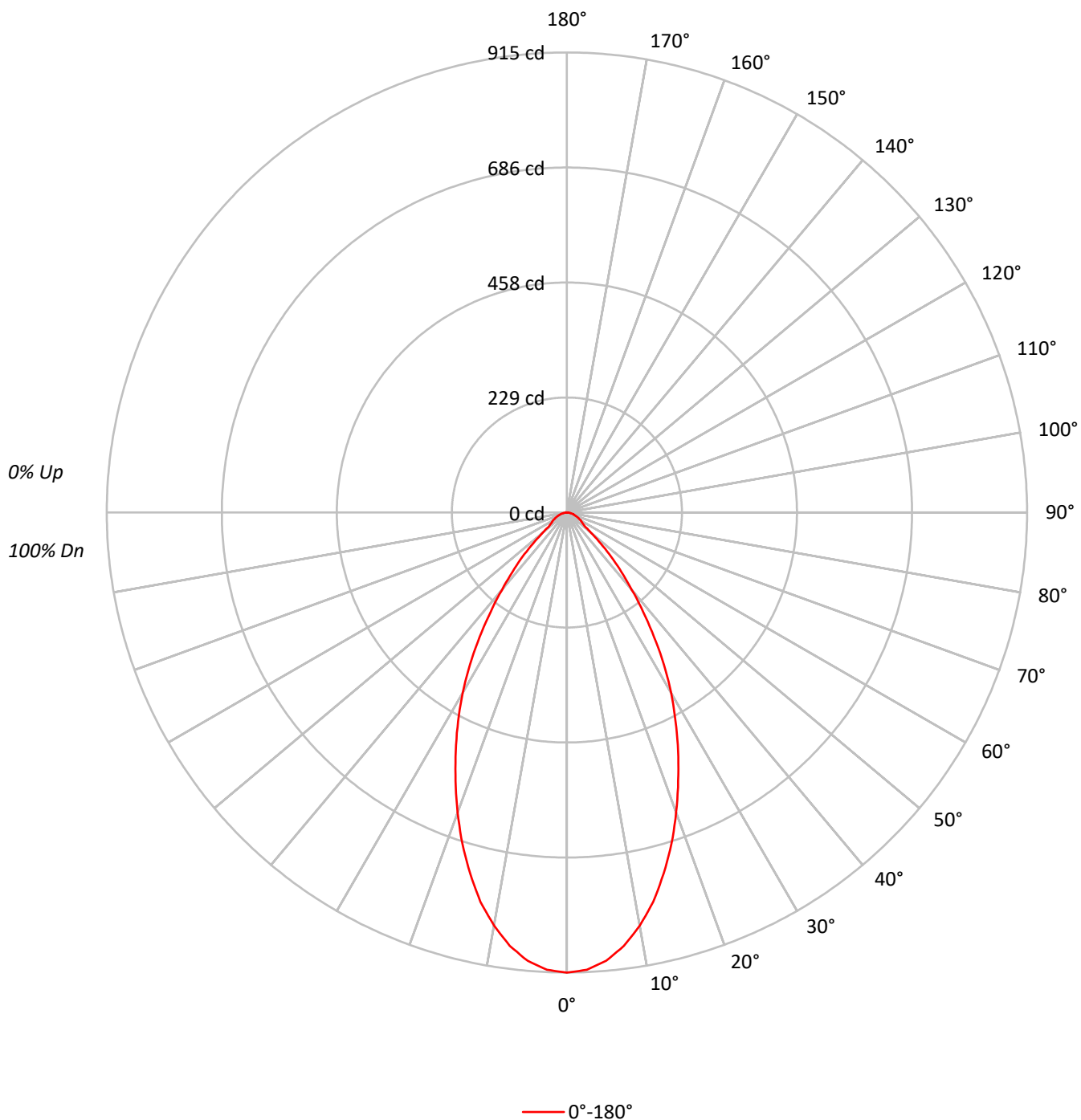
Lumens per Lamp: N/A
Luminaire Lumens: 894.0 lumens
Efficiency: N/A
Efficacy: 31.0 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	58	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°	200686
5°	197050
10°	185746
15°	168718
20°	148203
25°	126564
30°	104852
35°	80870
40°	57536
45°	38764
50°	21151
55°	14910
60°	14034
65°	12972
70°	11540
75°	11014
80°	8840
85°	7548

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 38764 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	83.5	9.3
10°-20°	207.0	23.2
20°-30°	239.3	26.8
30°-40°	188.6	21.1
40°-50°	96.8	10.8
50°-60°	37.0	4.1
60°-70°	24.5	2.7
70°-80°	13.3	1.5
80°-90°	3.9	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°	529.8	59.3
0°-40°	718.4	80.4
0°-60°	852.2	95.3
0°-90°	894.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	894.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	915	
5°	895	83
15°	743	207
25°	523	239
35°	302	189
45°	125	97
55°	39	37
65°	25	24
75°	13	13
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	915.2
2.5°	910.2
5°	895.2
7.5°	869.2
10°	834.2
12.5°	793.2
15°	743.2
17.5°	691.1
20°	635.1
22.5°	578.1
25°	523.1
27.5°	468.1
30°	414.1
32.5°	359.1
35°	302.1
37.5°	249.1
40°	201.0
42.5°	160.0
45°	125.0
47.5°	91.0
50°	62.0
52.5°	45.0
55°	39.0
57.5°	35.0
60°	32.0
62.5°	28.0
65°	25.0
67.5°	21.0
70°	18.0
72.5°	15.0
75°	13.0
77.5°	10.0
80°	7.0
82.5°	6.0
85°	3.0
87.5°	2.0
90°	0.0

(END OF REPORT)