

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: P1250385

Luminaire Tested: P3AS24R409027D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250385
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: P3AS24R409027D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 2700K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

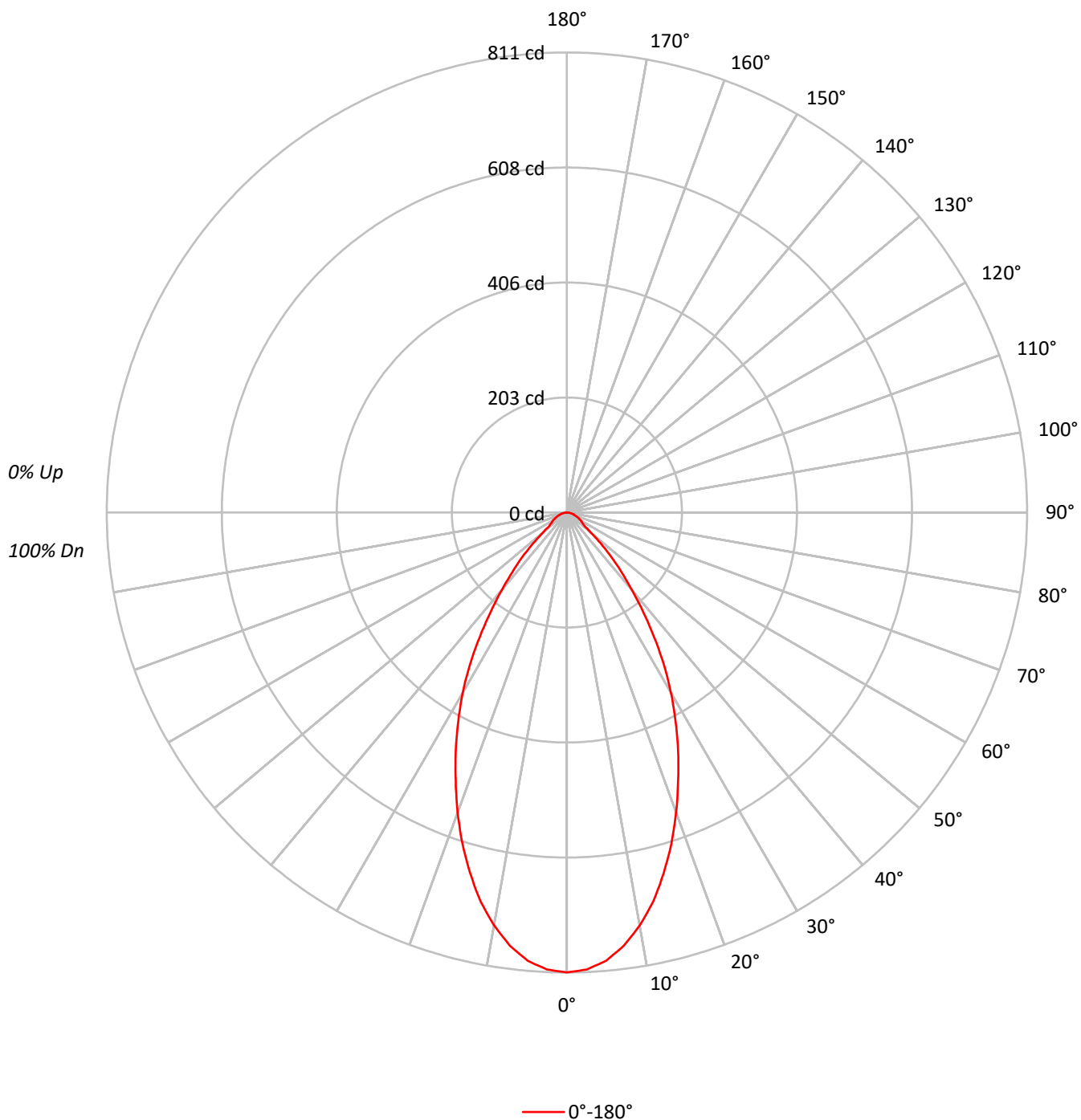
Lumens per Lamp: N/A
Luminaire Lumens: 792.0 lumens
Efficiency: N/A
Efficacy: 27.5 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

TEST NUMBER: P1250385

CATALOG NUMBER: P3AS24R409027D010 E3DLD1GPH

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°	177793
5°	174576
10°	164548
15°	149467
20°	131308
25°	112119
30°	92875
35°	71634
40°	50981
45°	34360
50°	18729
55°	13228
60°	12455
65°	11519
70°	10194
75°	9743
80°	7829
85°	6793

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 34360 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.0	9.3
10°-20°	183.4	23.2
20°-30°	212.0	26.8
30°-40°	167.1	21.1
40°-50°	85.8	10.8
50°-60°	32.8	4.1
60°-70°	21.7	2.7
70°-80°	11.8	1.5
80°-90°	3.5	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°	469.4	59.3
0°-40°	636.5	80.4
0°-60°	755.0	95.3
0°-90°	792.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	792.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	811	
5°	793	74
15°	658	183
25°	463	212
35°	268	167
45°	111	86
55°	35	33
65°	22	22
75°	12	12
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	810.8
2.5°	806.3
5°	793.1
7.5°	770.0
10°	739.0
12.5°	702.7
15°	658.4
17.5°	612.3
20°	562.7
22.5°	512.2
25°	463.4
27.5°	414.7
30°	366.8
32.5°	318.1
35°	267.6
37.5°	220.6
40°	178.1
42.5°	141.8
45°	110.8
47.5°	80.6
50°	54.9
52.5°	39.9
55°	34.6
57.5°	31.0
60°	28.4
62.5°	24.8
65°	22.2
67.5°	18.6
70°	15.9
72.5°	13.3
75°	11.5
77.5°	8.9
80°	6.2
82.5°	5.3
85°	2.7
87.5°	1.8
90°	0.0

(END OF REPORT)