

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: P1250549

Luminaire Tested: P3AS24R709027D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250549
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R709027D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R70 optic, 2700K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

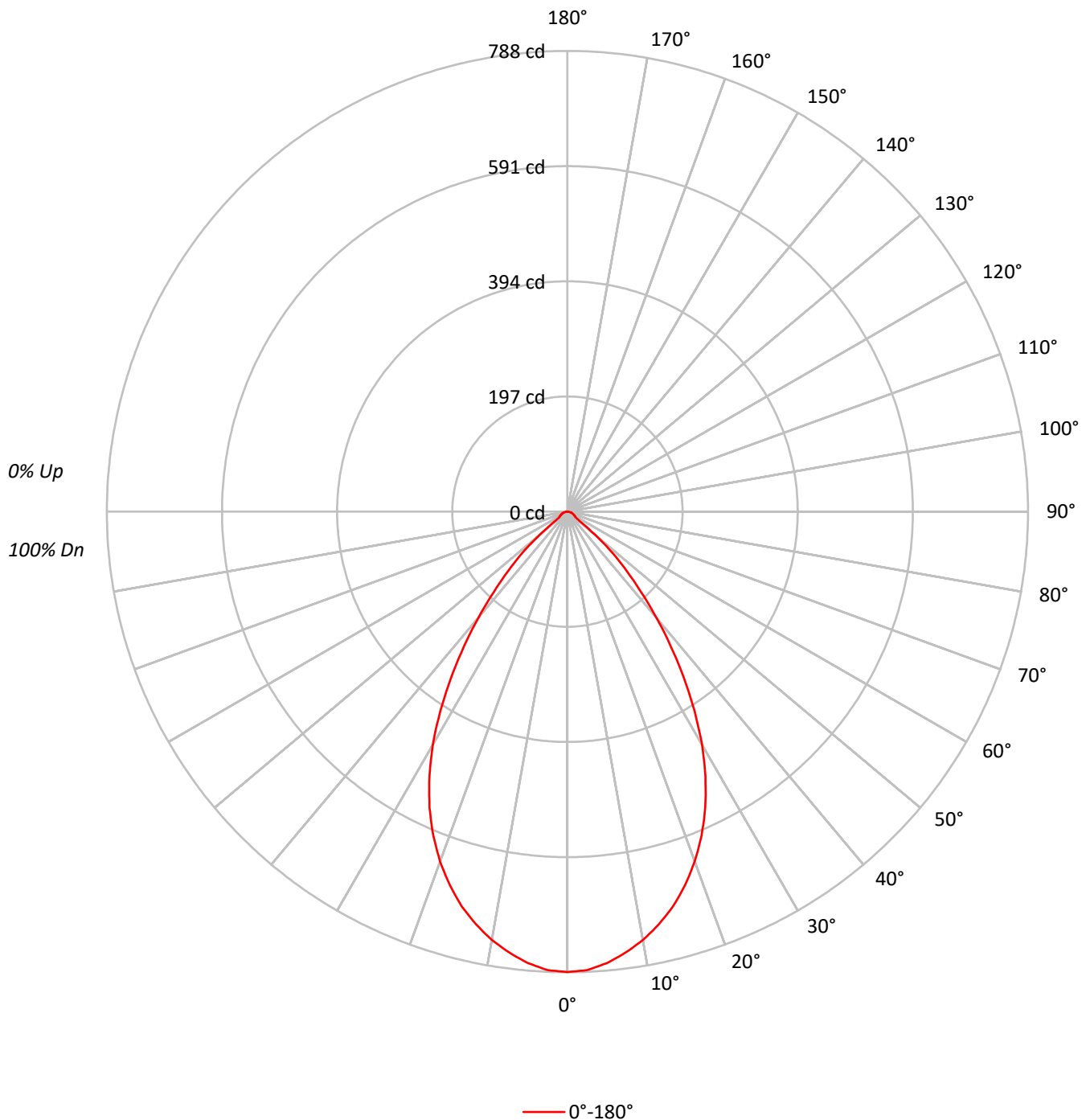
Lumens per Lamp: N/A
Luminaire Lumens: 892.0 lumens
Efficiency: N/A
Efficacy: 31.0 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1250549

CATALOG NUMBER: P3AS24R709027D010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1250549

CATALOG NUMBER: P3AS24R709027D010 E3DL1GPH

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	113	110	107	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	96	93	104	99	95	92	96	92	90		93	90	88		90
3	100	93	88	83	98	92	87	82	89	85	81		86	83	80		84
4	94	86	80	75	93	85	79	75	83	78	74		81	76	73		79
5	89	80	73	69	87	79	73	68	77	72	68		75	71	67		74
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	53	74	64	58	53	63	57	53		62	57	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	50	46	66	56	50	46	55	50	46		55	49	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	172684
5°	170614
10°	165684
15°	158662
20°	148623
25°	135032
30°	116626
35°	92943
40°	67698
45°	44501
50°	20844
55°	6423
60°	6228
65°	5967
70°	5706
75°	6015
80°	5556
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 44501 cd/sqm

TEST NUMBER: P1250549

CATALOG NUMBER: P3AS24R709027D010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.0	8.2
10°-20°	195.6	21.9
20°-30°	254.2	28.5
30°-40°	215.7	24.2
40°-50°	111.2	12.5
50°-60°	21.4	2.4
60°-70°	11.6	1.3
70°-80°	7.1	0.8
80°-90°	2.1	0.2
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°	522.8	58.6
0°-40°	738.5	82.8
0°-60°	871.2	97.7
0°-90°	892.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	892.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	788	
5°	775	73
15°	699	196
25°	558	254
35°	347	216
45°	144	111
55°	17	21
65°	12	12
75°	7	7
85°	2	2
90°	0	

TEST NUMBER: P1250549

CATALOG NUMBER: P3AS24R709027D010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	787.5
2.5°	784.8
5°	775.1
7.5°	760.9
10°	744.1
12.5°	722.8
15°	698.9
17.5°	669.7
20°	636.9
22.5°	599.7
25°	558.1
27.5°	511.1
30°	460.6
32.5°	404.8
35°	347.2
37.5°	290.6
40°	236.5
42.5°	186.0
45°	143.5
47.5°	105.4
50°	61.1
52.5°	26.6
55°	16.8
57.5°	15.9
60°	14.2
62.5°	13.3
65°	11.5
67.5°	10.6
70°	8.9
72.5°	8.0
75°	7.1
77.5°	5.3
80°	4.4
82.5°	2.7
85°	1.8
87.5°	0.9
90°	0.0

(END OF REPORT)