

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: P1250359

Luminaire Tested: P3AS24R359027D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250359
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R359027D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

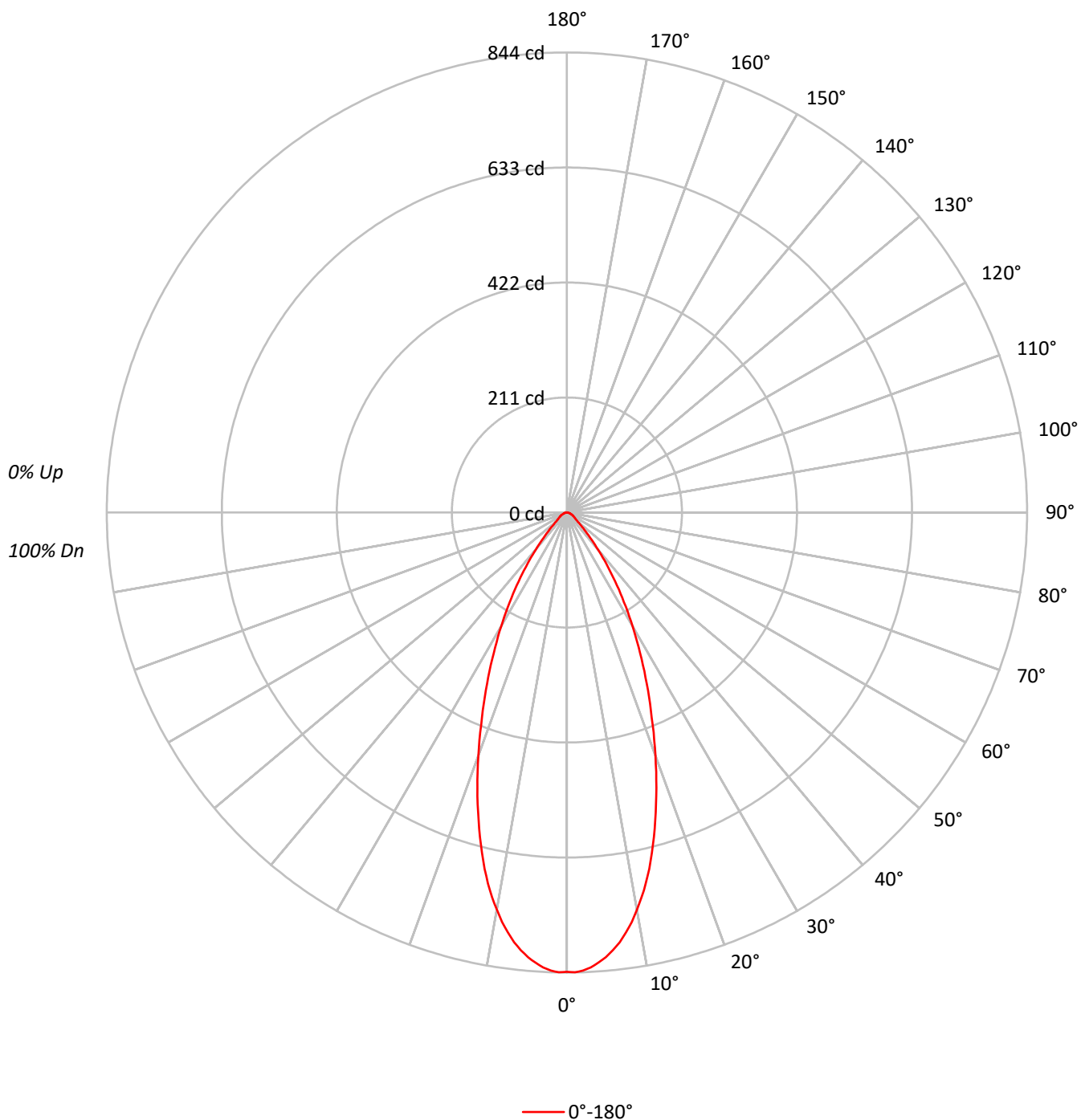
Lumens per Lamp: N/A
Luminaire Lumens: 575.0 lumens
Efficiency: N/A
Efficacy: 20.0 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	94	105	100	97	93	97	94	91		94	92	89		91
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86
4	97	89	83	79	95	88	82	78	86	81	77		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	77	72	68	76	71	67		75	70	67		73
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	184810
5°	180255
10°	164793
15°	139887
20°	110726
25°	83763
30°	60971
35°	41251
40°	25333
45°	14544
50°	8767
55°	7111
60°	6228
65°	5500
70°	4552
75°	4490
80°	4420
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14544 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.7	13.2
10°-20°	169.9	29.5
20°-30°	158.9	27.6
30°-40°	97.3	16.9
40°-50°	38.3	6.7
50°-60°	16.9	2.9
60°-70°	10.5	1.8
70°-80°	5.6	1.0
80°-90°	1.9	0.3
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°	404.5	70.3
0°-40°	501.8	87.3
0°-60°	557.0	96.9
0°-90°	575.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	575.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	843	
5°	819	76
15°	616	170
25°	346	159
35°	154	97
45°	47	38
55°	19	17
65°	11	11
75°	5	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	842.8
1°	843.7
2°	841.1
3°	835.8
4°	827.8
5°	818.9
6°	807.4
7°	794.2
8°	778.2
9°	760.5
10°	740.1
11°	718.9
12°	695.9
13°	671.1
14°	643.6
15°	616.2
17.5°	545.4
20°	474.5
22.5°	406.4
25°	346.2
27.5°	290.4
30°	240.8
32.5°	194.8
35°	154.1
37.5°	117.8
40°	88.5
42.5°	63.7
45°	46.9
47.5°	33.6
50°	25.7
52.5°	21.2
55°	18.6
57.5°	15.9
60°	14.2
62.5°	12.4
65°	10.6
67.5°	8.9
70°	7.1
72.5°	6.2
75°	5.3
77.5°	4.4
80°	3.5
82.5°	2.7
85°	1.8
87.5°	0.9



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)