

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: P1253066

Luminaire Tested: P3AS24R359030D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253066
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: P3AS24R359030D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

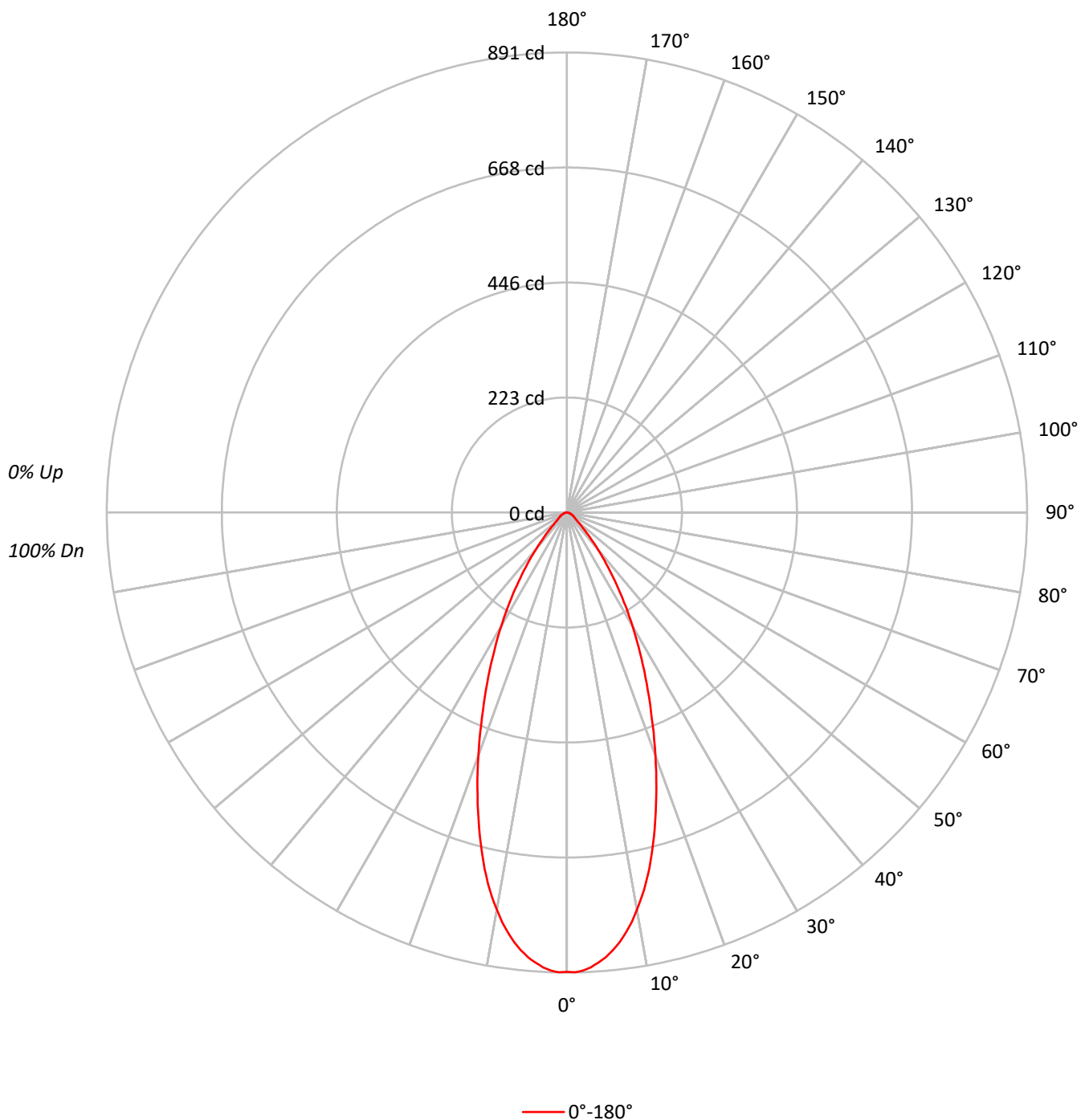
Lumens per Lamp: N/A
Luminaire Lumens: 607.0 lumens
Efficiency: N/A
Efficacy: 21.1 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	195116
5°	190292
10°	173967
15°	147674
20°	116910
25°	88408
30°	64364
35°	43527
40°	26764
45°	15350
50°	9245
55°	7493
60°	6578
65°	5811
70°	4809
75°	4745
80°	4672
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15350 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	79.9	13.2
10°-20°	179.3	29.5
20°-30°	167.8	27.6
30°-40°	102.7	16.9
40°-50°	40.5	6.7
50°-60°	17.8	2.9
60°-70°	11.1	1.8
70°-80°	5.9	1.0
80°-90°	2.0	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°	427.0	70.3
0°-40°	529.7	87.3
0°-60°	587.9	96.9
0°-90°	607.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	607.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	890	
5°	864	80
15°	650	179
25°	365	168
35°	163	103
45°	50	40
55°	20	18
65°	11	11
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	889.8
1°	890.7
2°	887.9
3°	882.3
4°	873.9
5°	864.5
6°	852.4
7°	838.4
8°	821.5
9°	802.8
10°	781.3
11°	758.9
12°	734.6
13°	708.4
14°	679.5
15°	650.5
17.5°	575.7
20°	501.0
22.5°	429.0
25°	365.4
27.5°	306.6
30°	254.2
32.5°	205.6
35°	162.6
37.5°	124.3
40°	93.5
42.5°	67.3
45°	49.5
47.5°	35.5
50°	27.1
52.5°	22.4
55°	19.6
57.5°	16.8
60°	15.0
62.5°	13.1
65°	11.2
67.5°	9.3
70°	7.5
72.5°	6.5
75°	5.6
77.5°	4.7
80°	3.7
82.5°	2.8
85°	1.9
87.5°	0.9



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)