

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: P1253111

Luminaire Tested: P3AS24R459030D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253111
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-27)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R459030D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

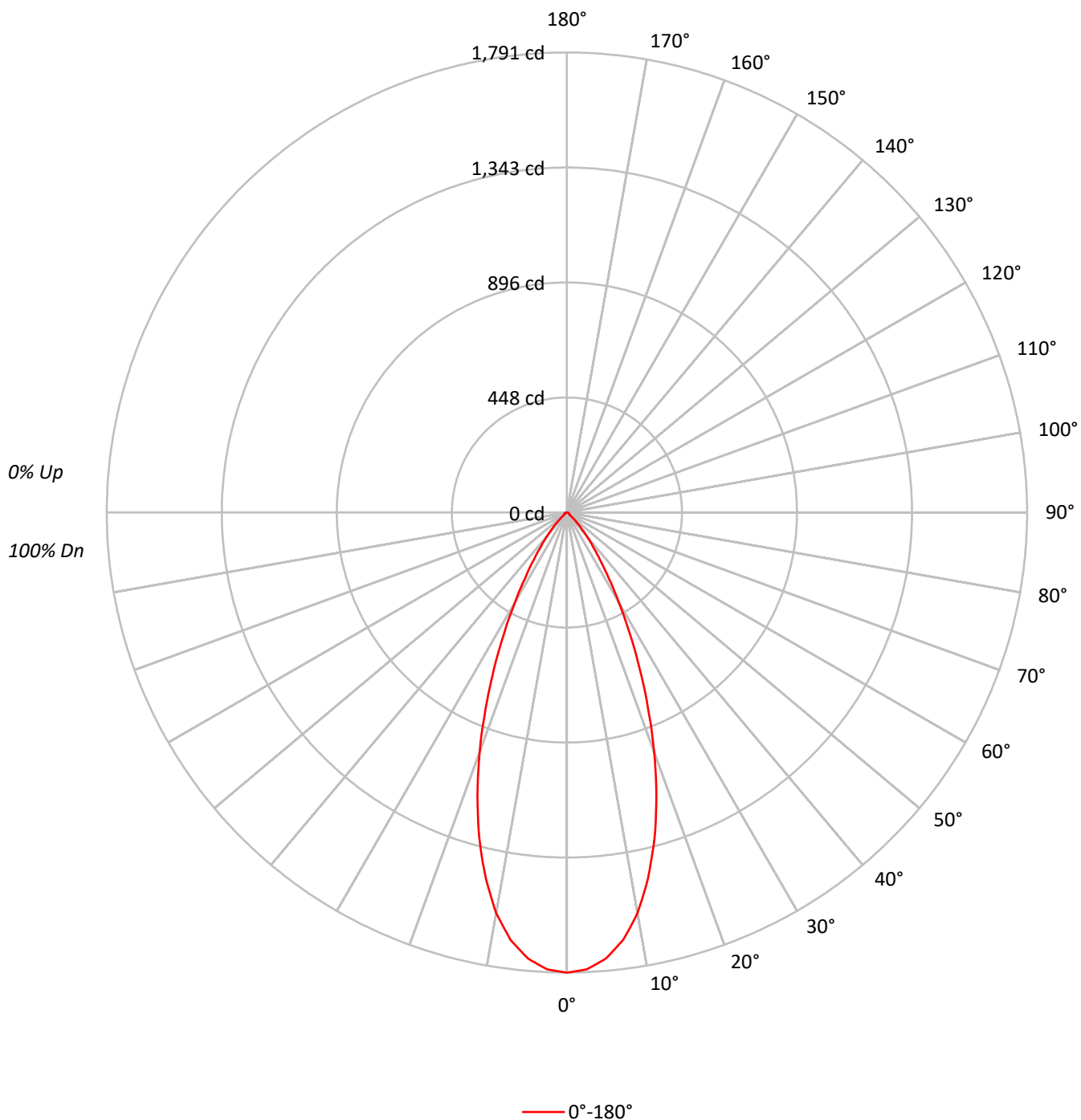
Lumens per Lamp: N/A
Luminaire Lumens: 1046.0 lumens
Efficiency: N/A
Efficacy: 36.3 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	111	109	107	111	109	107	105	105	103	102		101	100	99		98
2	109	104	100	97	106	102	99	96	99	96	94		96	94	92		93
3	104	98	93	89	102	96	92	88	94	90	87		91	88	86		89
4	99	92	87	83	97	91	86	82	89	85	81		87	83	80		85
5	94	87	81	77	93	86	81	77	84	80	76		82	79	76		81
6	90	82	77	73	89	81	76	72	80	75	72		78	74	71		77
7	86	78	72	68	85	77	72	68	76	71	68		75	71	67		74
8	83	74	68	65	82	73	68	65	72	68	64		71	67	64		70
9	79	70	65	61	78	70	65	61	69	64	61		68	64	61		67
10	76	67	62	58	75	67	62	58	66	61	58		65	61	58		65

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	392819
5°	383600
10°	352632
15°	298799
20°	231813
25°	162058
30°	102092
35°	60097
40°	34007
45°	16529
50°	5731
55°	4664
60°	4517
65°	4358
70°	4167
75°	3982
80°	3536
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16529 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	161.3	15.4
10°-20°	361.4	34.6
20°-30°	306.9	29.3
30°-40°	146.4	14.0
40°-50°	44.1	4.2
50°-60°	11.2	1.1
60°-70°	8.3	0.8
70°-80°	4.9	0.5
80°-90°	1.4	0.1
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°	829.7	79.3
0°-40°	976.1	93.3
0°-60°	1031.3	98.6
0°-90°	1046.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1046.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1791	
5°	1743	161
15°	1316	361
25°	670	307
35°	224	146
45°	53	44
55°	12	11
65°	8	8
75°	5	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1791.4
2.5°	1780.1
5°	1742.7
7.5°	1678.2
10°	1583.7
12.5°	1458.3
15°	1316.2
17.5°	1158.1
20°	993.4
22.5°	826.0
25°	669.8
27.5°	527.6
30°	403.2
32.5°	303.1
35°	224.5
37.5°	165.6
40°	118.8
42.5°	82.3
45°	53.3
47.5°	29.9
50°	16.8
52.5°	13.1
55°	12.2
57.5°	11.2
60°	10.3
62.5°	9.4
65°	8.4
67.5°	7.5
70°	6.5
72.5°	5.6
75°	4.7
77.5°	3.7
80°	2.8
82.5°	1.9
85°	0.9
87.5°	0.9
90°	0.0

(END OF REPORT)