

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: P1252941

Luminaire Tested: P3AS24R159030D010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252941
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R159030D010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

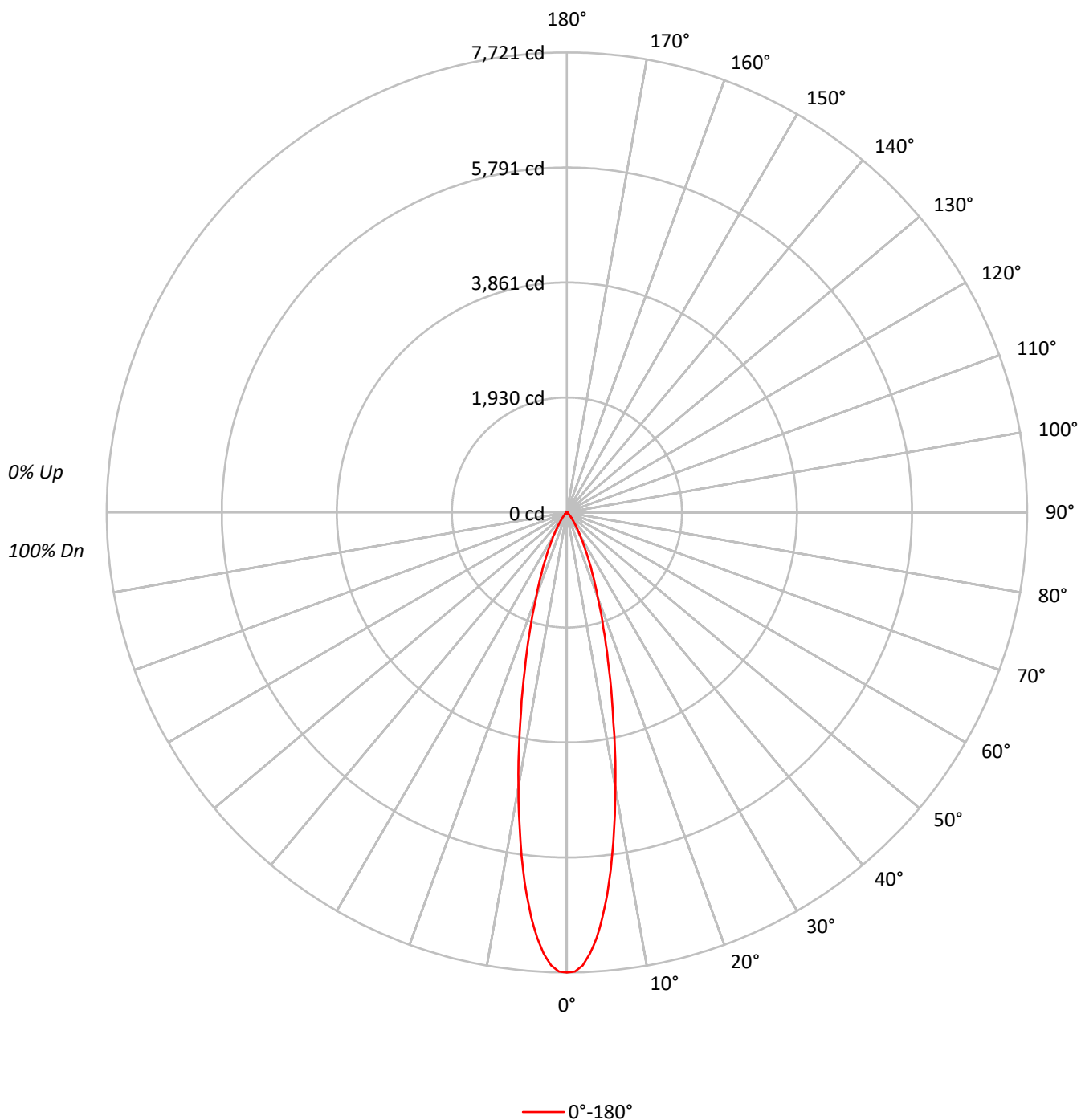
Lumens per Lamp: N/A
Luminaire Lumens: 1982.0 lumens
Efficiency: N/A
Efficacy: 68.8 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	106	103	100	108	104	101	99	101	99	97		98	96	95		96
3	106	101	97	93	104	99	96	93	97	94	91		94	92	90		92
4	102	96	92	88	100	95	91	88	93	89	87		91	88	86		89
5	98	92	87	84	97	91	87	83	89	85	83		88	84	82		86
6	95	88	83	80	94	87	83	80	86	82	79		85	81	79		83
7	92	85	80	77	91	84	80	76	83	79	76		82	78	76		81
8	89	81	77	74	88	81	77	73	80	76	73		79	75	73		78
9	86	79	74	71	85	78	74	71	77	73	71		77	73	70		76
10	84	76	71	68	83	76	71	68	75	71	68		74	71	68		74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1693154
5°	1502924
10°	1043713
15°	617234
20°	351547
25°	200963
30°	111182
35°	59294
40°	32804
45°	17769
50°	11087
55°	8755
60°	7543
65°	6953
70°	6091
75°	6439
80°	4799
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17769 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	580.6	29.3
10°-20°	766.3	38.7
20°-30°	394.5	19.9
30°-40°	148.1	7.5
40°-50°	48.5	2.4
50°-60°	20.9	1.1
60°-70°	13.2	0.7
70°-80°	7.8	0.4
80°-90°	2.1	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°	1741.4	87.9
0°-40°	1889.6	95.3
0°-60°	1958.9	98.8
0°-90°	1982.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1982.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	7721	
5°	6828	581
15°	2719	766
25°	831	395
35°	222	148
45°	57	48
55°	23	21
65°	13	13
75°	8	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	7721.4
1°	7706.1
2°	7604.9
3°	7412.1
4°	7158.1
5°	6827.8
6°	6453.6
7°	6043.1
8°	5586.7
9°	5136.1
10°	4687.4
12.5°	3606.7
15°	2718.9
17.5°	2035.4
20°	1506.5
22.5°	1124.6
25°	830.6
27.5°	605.3
30°	439.1
32.5°	311.2
35°	221.5
37.5°	158.5
40°	114.6
42.5°	82.1
45°	57.3
47.5°	42.0
50°	32.5
52.5°	26.7
55°	22.9
57.5°	19.1
60°	17.2
62.5°	15.3
65°	13.4
67.5°	11.5
70°	9.5
72.5°	9.5
75°	7.6
77.5°	5.7
80°	3.8
82.5°	3.8
85°	1.9
87.5°	0.0
90°	0.0

(END OF REPORT)