

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: P1258355

Luminaire Tested: P3AS24R159040D010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258355
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: P3AS24R159040D010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

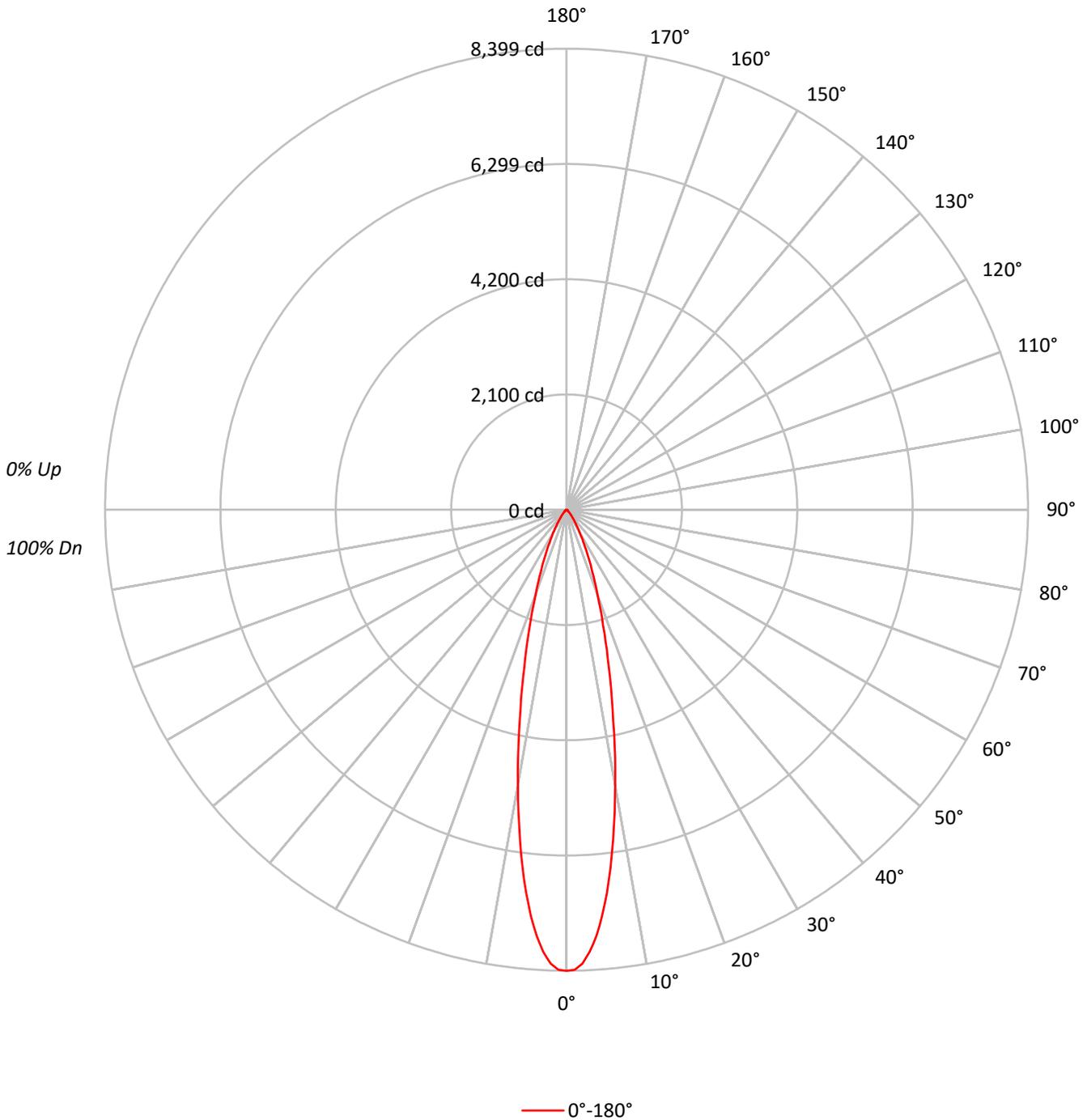
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2156.0 lumens
Efficiency: N/A
Efficacy: 74.9 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			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	97	98	97	95
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	96	94	93	91
3	106	101	97	93	104	99	96	93	97	94	91	94	92	90	92	90	88	92	90	88	87
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	87	85	89	87	85	83
5	98	92	87	84	97	91	87	83	89	85	83	88	84	82	86	83	81	86	83	81	80
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	83	80	78	77
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	81	78	75	74
8	89	81	77	74	88	81	77	73	80	76	73	79	75	73	78	75	73	78	75	73	72
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	76	73	70	69
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	74	70	68	67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1841782
5°	1634863
10°	1135339
15°	671423
20°	382397
25°	218601
30°	120955
35°	64487
40°	35667
45°	19320
50°	12042
55°	9519
60°	8201
65°	7524
70°	6668
75°	7032
80°	5304
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 19320 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	631.6	29.3
10°-20°	833.5	38.7
20°-30°	429.2	19.9
30°-40°	161.1	7.5
40°-50°	52.7	2.4
50°-60°	22.7	1.1
60°-70°	14.4	0.7
70°-80°	8.5	0.4
80°-90°	2.3	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°	1894.3	87.9
0°-40°	2055.4	95.3
0°-60°	2130.9	98.8
0°-90°	2156.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2156.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	8399	
5°	7427	632
15°	2958	834
25°	904	429
35°	241	161
45°	62	53
55°	25	23
65°	14	14
75°	8	8
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	8399.2
1°	8382.6
2°	8272.5
3°	8062.8
4°	7786.5
5°	7427.2
6°	7020.1
7°	6573.6
8°	6077.2
9°	5587.0
10°	5098.9
12.5°	3923.4
15°	2957.6
17.5°	2214.0
20°	1638.7
22.5°	1223.3
25°	903.5
27.5°	658.4
30°	477.7
32.5°	338.5
35°	240.9
37.5°	172.4
40°	124.6
42.5°	89.3
45°	62.3
47.5°	45.7
50°	35.3
52.5°	29.1
55°	24.9
57.5°	20.8
60°	18.7
62.5°	16.6
65°	14.5
67.5°	12.5
70°	10.4
72.5°	10.4
75°	8.3
77.5°	6.2
80°	4.2
82.5°	4.2
85°	2.1
87.5°	0.0
90°	0.0

(END OF REPORT)