

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: P1253052

Luminaire Tested: P3AS24R359030D010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253052
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R359030D010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

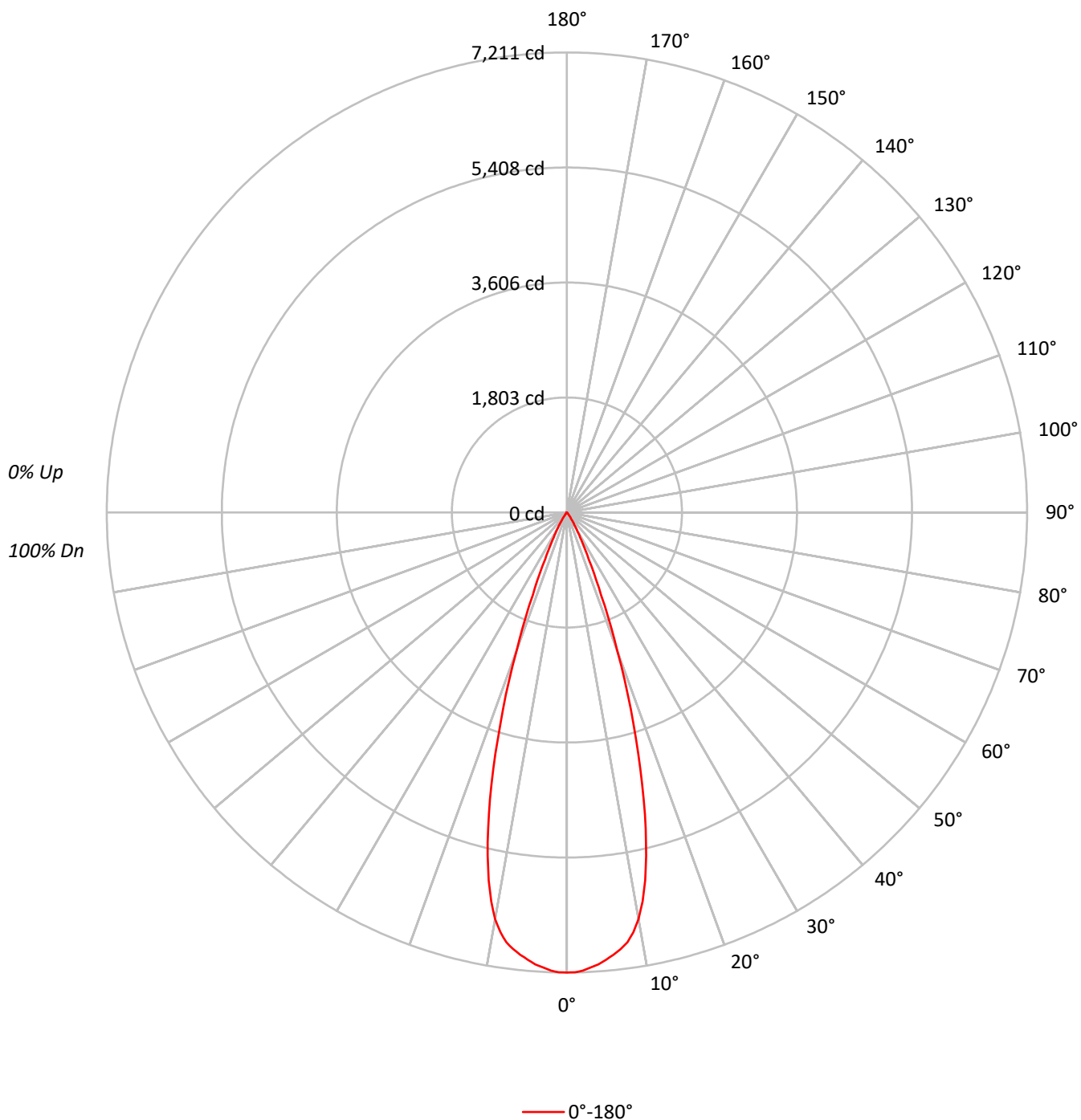
Lumens per Lamp: N/A
Luminaire Lumens: 2424.9 lumens
Efficiency: N/A
Efficacy: 84.2 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.52
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1253052

CATALOG NUMBER: P3AS24R359030D010 E3CD1MW

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	115	113	111	109	112	110	109	107	106	105	104	103	102	101	99	99	98	96		
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94	93		
3	107	102	98	95	105	101	97	95	98	96	93	96	94	92	94	92	90	89		
4	104	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87	86		
5	100	94	90	87	99	93	89	86	92	88	86	90	87	85	89	86	84	83		
6	97	91	86	83	96	90	86	83	89	85	82	87	84	82	86	83	81	80		
7	94	87	83	80	93	87	83	80	86	82	79	85	81	79	84	81	79	78		
8	91	84	80	77	90	84	80	77	83	79	77	82	79	76	81	78	76	75		
9	89	82	77	74	88	81	77	74	80	77	74	80	76	74	79	76	74	73		
10	86	79	75	72	85	79	75	72	78	74	72	77	74	72	77	74	71	70		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1581255
5°	1549038
10°	1441100
15°	1056533
20°	541007
25°	194987
30°	75910
35°	26582
40°	10935
45°	2946
50°	2593
55°	2906
60°	2500
65°	1972
70°	2436
75°	3219
80°	2399
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 75°

Luminance: 3219 cd/sqm

TEST NUMBER: P1253052

CATALOG NUMBER: P3AS24R359030D010 E3CD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	656.1	27.1
10°-20°	1230.9	50.8
20°-30°	435.8	18.0
30°-40°	76.3	3.1
40°-50°	11.1	0.5
50°-60°	6.2	0.3
60°-70°	4.5	0.2
70°-80°	3.3	0.1
80°-90°	0.8	0.0
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°	2322.8	95.8
0°-40°	2399.1	98.9
0°-60°	2416.4	99.6
0°-90°	2424.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2424.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	7211	
5°	7037	656
15°	4654	1231
25°	806	436
35°	99	76
45°	10	11
55°	8	6
65°	4	4
75°	4	3
85°	0	1
90°	0	

TEST NUMBER: P1253052

CATALOG NUMBER: P3AS24R359030D010 E3CD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	7211.1
1°	7209.2
2°	7186.3
3°	7142.4
4°	7102.3
5°	7037.3
6°	6970.5
7°	6896.0
8°	6804.4
9°	6661.1
10°	6472.1
11°	6210.4
12°	5895.3
13°	5521.0
14°	5108.5
15°	4654.0
17.5°	3466.2
20°	2318.4
22.5°	1397.9
25°	805.9
27.5°	481.3
30°	299.8
32.5°	173.8
35°	99.3
37.5°	63.0
40°	38.2
42.5°	19.1
45°	9.5
47.5°	7.6
50°	7.6
52.5°	7.6
55°	7.6
57.5°	5.7
60°	5.7
62.5°	5.7
65°	3.8
67.5°	3.8
70°	3.8
72.5°	3.8
75°	3.8
77.5°	1.9
80°	1.9
82.5°	1.9
85°	0.0
87.5°	0.0



TEST NUMBER: P1253052

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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)