

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: P1253201

Luminaire Tested: P3AS24R609030D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253201
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R609030D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

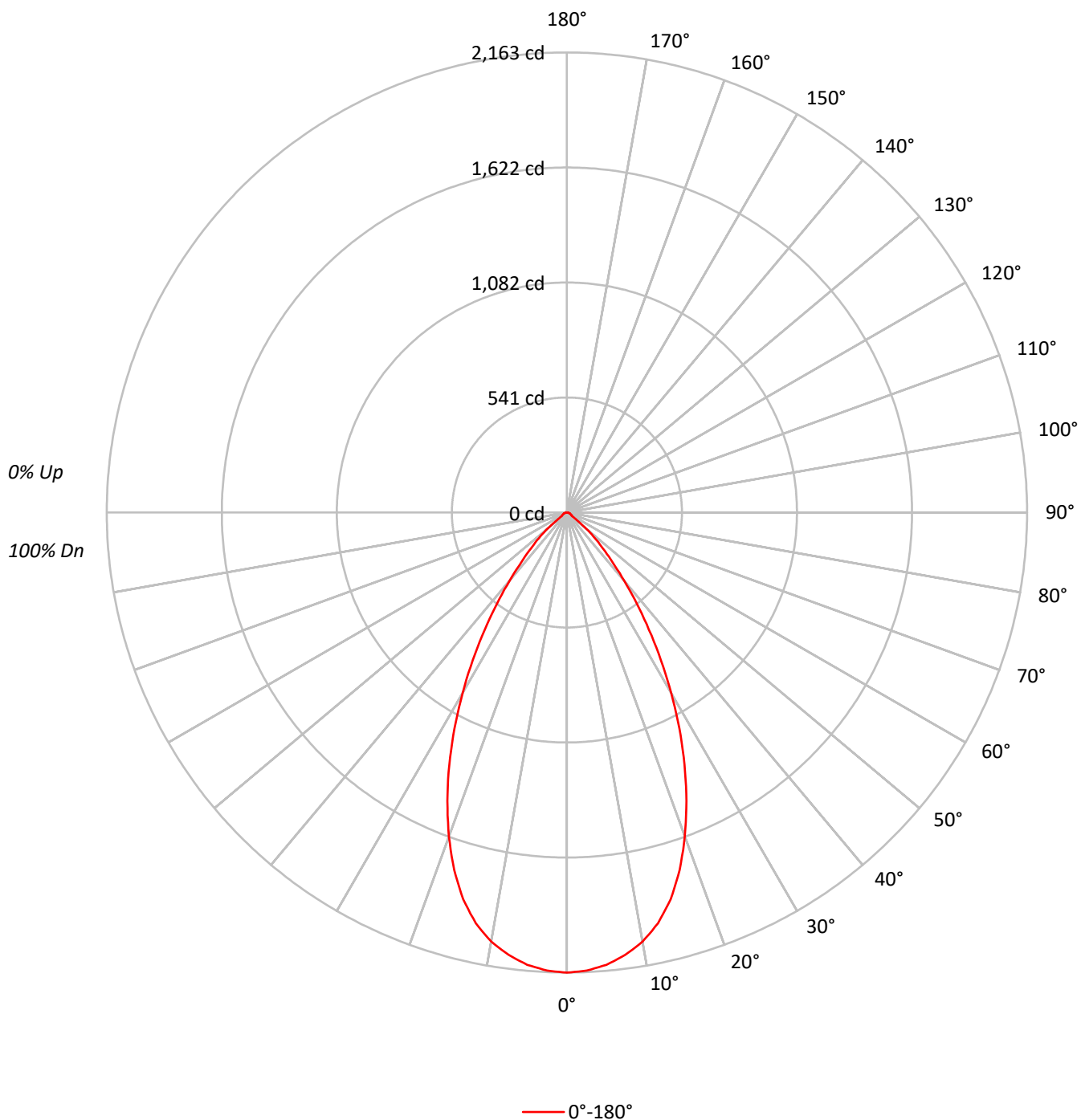
Lumens per Lamp: N/A
Luminaire Lumens: 2009.0 lumens
Efficiency: N/A
Efficacy: 69.8 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1253201

CATALOG NUMBER: P3AS24R609030D010 E3DL1MW

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	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	84	91	86	83		88	85	82		86
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		81
5	91	82	76	71	89	81	75	71	79	74	70		78	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		68
8	77	68	61	57	76	67	61	57	66	60	57		65	60	56		64
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		60
10	70	60	54	50	69	60	54	50	59	53	50		58	53	50		57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	474392
5°	469909
10°	456193
15°	427403
20°	378290
25°	316470
30°	248013
35°	179916
40°	119710
45°	74612
50°	40391
55°	11699
60°	10876
65°	9910
70°	9809
75°	9743
80°	9597
85°	9561

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 74612 cd/sqm

TEST NUMBER: P1253201

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	201.0	10.0
10°-20°	522.3	26.0
20°-30°	595.4	29.6
30°-40°	422.2	21.0
40°-50°	191.6	9.5
50°-60°	40.6	2.0
60°-70°	19.6	1.0
70°-80°	12.1	0.6
80°-90°	4.1	0.2
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°	1318.7	65.6
0°-40°	1741.0	86.7
0°-60°	1973.2	98.2
0°-90°	2009.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2009.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2163	
5°	2135	201
15°	1883	522
25°	1308	595
35°	672	422
45°	241	192
55°	31	41
65°	19	20
75°	12	12
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	2163.4
2.5°	2155.8
5°	2134.8
7.5°	2098.5
10°	2048.8
12.5°	1978.2
15°	1882.7
17.5°	1762.4
20°	1621.1
22.5°	1468.4
25°	1308.0
27.5°	1143.8
30°	979.5
32.5°	823.0
35°	672.1
37.5°	538.5
40°	418.2
42.5°	317.0
45°	240.6
47.5°	179.5
50°	118.4
52.5°	55.4
55°	30.6
57.5°	26.7
60°	24.8
62.5°	22.9
65°	19.1
67.5°	17.2
70°	15.3
72.5°	13.4
75°	11.5
77.5°	9.5
80°	7.6
82.5°	5.7
85°	3.8
87.5°	1.9
90°	0.0

(END OF REPORT)