

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: P1253089

Luminaire Tested: P3AS24R409030D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253089
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R409030D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

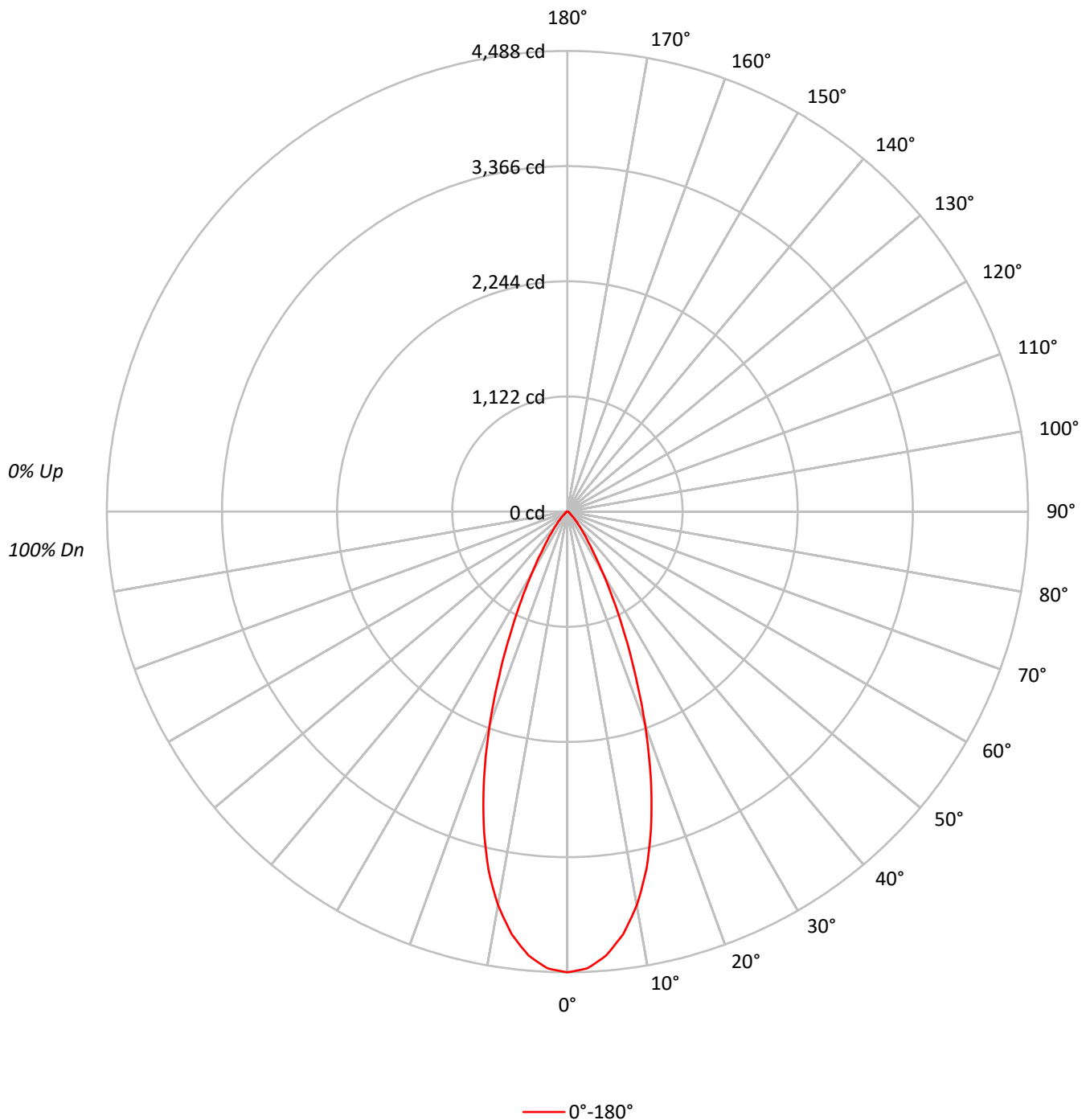
Lumens per Lamp: N/A
Luminaire Lumens: 2224.0 lumens
Efficiency: N/A
Efficacy: 77.2 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	107	105	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	104	99	94	91	102	97	93	90	95	91	88		92	89	87		90
4	100	93	88	85	98	92	88	84	90	86	83		88	85	82		86
5	96	88	83	79	94	88	83	79	86	82	78		84	81	78		83
6	92	84	79	75	91	83	78	75	82	78	74		81	77	74		79
7	88	80	75	71	87	79	74	71	78	74	71		77	73	70		76
8	85	76	71	68	84	76	71	67	75	70	67		74	70	67		73
9	82	73	68	64	81	73	68	64	72	67	64		71	67	64		70
10	78	70	65	62	78	70	65	61	69	64	61		68	64	61		67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	984110
5°	955511
10°	867096
15°	716326
20°	516715
25°	319615
30°	173039
35°	89436
40°	48634
45°	27228
50°	13680
55°	10208
60°	9210
65°	8924
70°	8591
75°	8049
80°	7198
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 27228 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	400.1	18.0
10°-20°	859.2	38.6
20°-30°	613.2	27.6
30°-40°	225.7	10.1
40°-50°	71.1	3.2
50°-60°	24.7	1.1
60°-70°	17.0	0.8
70°-80°	10.1	0.5
80°-90°	2.8	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°	1872.5	84.2
0°-40°	2098.3	94.3
0°-60°	2194.1	98.7
0°-90°	2224.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2224.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4488	
5°	4341	400
15°	3155	859
25°	1321	613
35°	334	226
45°	88	71
55°	27	25
65°	17	17
75°	10	10
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4487.9
2.5°	4453.5
5°	4340.9
7.5°	4153.8
10°	3894.2
12.5°	3564.0
15°	3155.4
17.5°	2697.3
20°	2214.3
22.5°	1739.0
25°	1321.0
27.5°	969.7
30°	683.4
32.5°	479.1
35°	334.1
37.5°	236.7
40°	169.9
42.5°	122.2
45°	87.8
47.5°	59.2
50°	40.1
52.5°	28.6
55°	26.7
57.5°	24.8
60°	21.0
62.5°	19.1
65°	17.2
67.5°	15.3
70°	13.4
72.5°	11.5
75°	9.5
77.5°	7.6
80°	5.7
82.5°	3.8
85°	1.9
87.5°	1.9
90°	0.0

(END OF REPORT)