

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: P1250350

Luminaire Tested: P3AS24R359027D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250350
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R359027D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

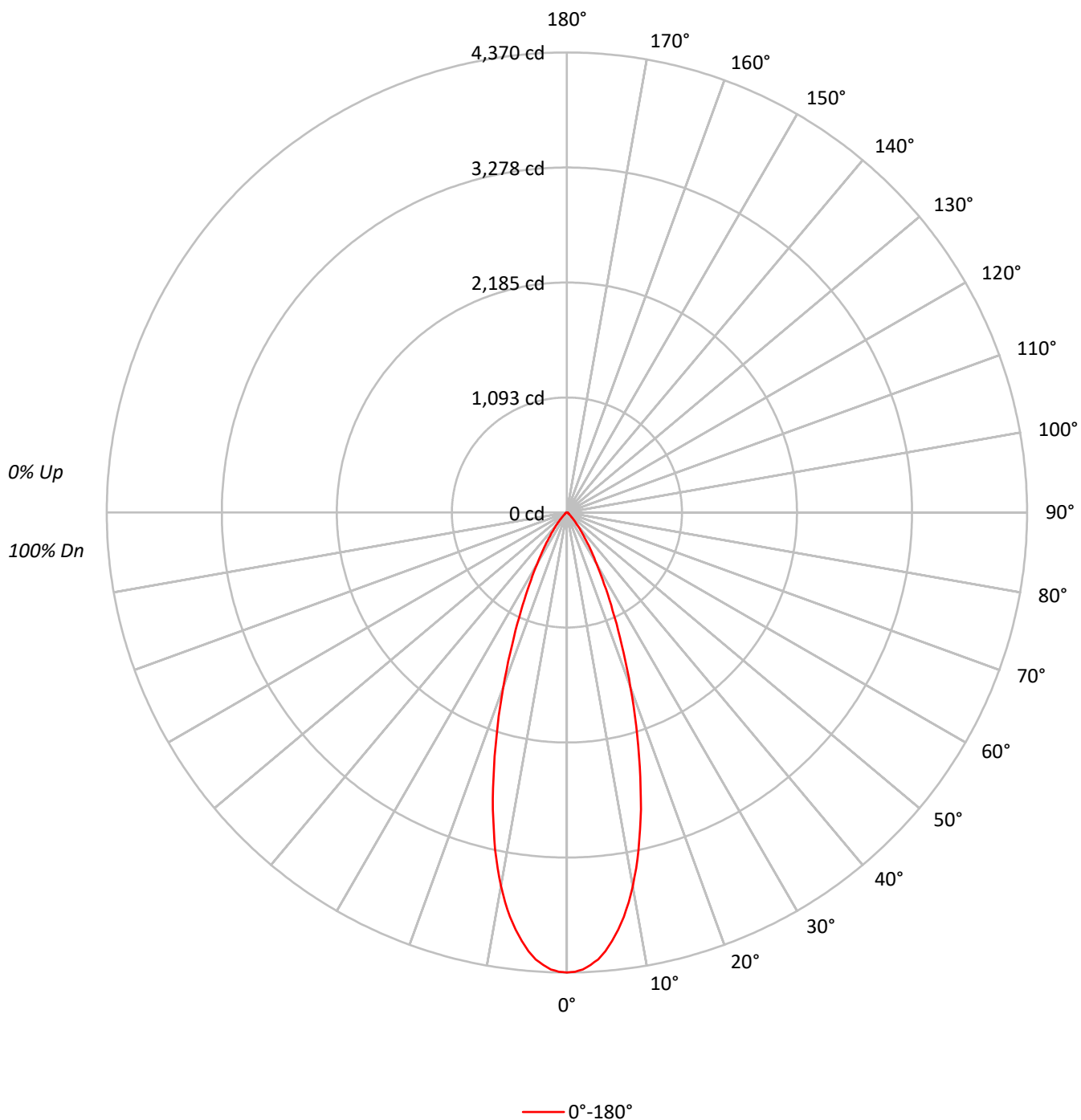
Lumens per Lamp: N/A
Luminaire Lumens: 1900.0 lumens
Efficiency: N/A
Efficacy: 66.0 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	109	107	112	109	107	106	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77
8	85	77	72	69	84	77	72	68	76	71	68		75	71	68		74
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	958278
5°	920953
10°	802434
15°	614623
20°	411192
25°	248821
30°	142781
35°	79826
40°	42422
45°	21863
50°	10473
55°	8296
60°	7938
65°	6590
70°	6924
75°	6100
80°	6819
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 21863 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	380.7	20.0
10°-20°	737.7	38.8
20°-30°	483.0	25.4
30°-40°	195.9	10.3
40°-50°	58.8	3.1
50°-60°	20.0	1.1
60°-70°	13.4	0.7
70°-80°	7.8	0.4
80°-90°	2.7	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°	1601.4	84.3
0°-40°	1797.3	94.6
0°-60°	1876.1	98.7
0°-90°	1900.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1900.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4370	
5°	4184	381
15°	2707	738
25°	1028	483
35°	298	196
45°	70	59
55°	22	20
65°	13	13
75°	7	8
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4370.1
1°	4362.9
2°	4343.0
3°	4303.2
4°	4256.2
5°	4183.9
6°	4093.6
7°	3992.4
8°	3878.5
9°	3748.4
10°	3603.8
11°	3442.9
12°	3274.9
13°	3086.9
14°	2908.0
15°	2707.4
17.5°	2221.2
20°	1762.1
22.5°	1355.5
25°	1028.4
27.5°	766.3
30°	563.9
32.5°	413.9
35°	298.2
37.5°	211.5
40°	148.2
42.5°	103.0
45°	70.5
47.5°	47.0
50°	30.7
52.5°	23.5
55°	21.7
57.5°	19.9
60°	18.1
62.5°	16.3
65°	12.7
67.5°	10.8
70°	10.8
72.5°	9.0
75°	7.2
77.5°	5.4
80°	5.4
82.5°	3.6
85°	1.8
87.5°	1.8



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)