

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: P1261276

Luminaire Tested: P3AS24R709050D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261276
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R709050D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 5000K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

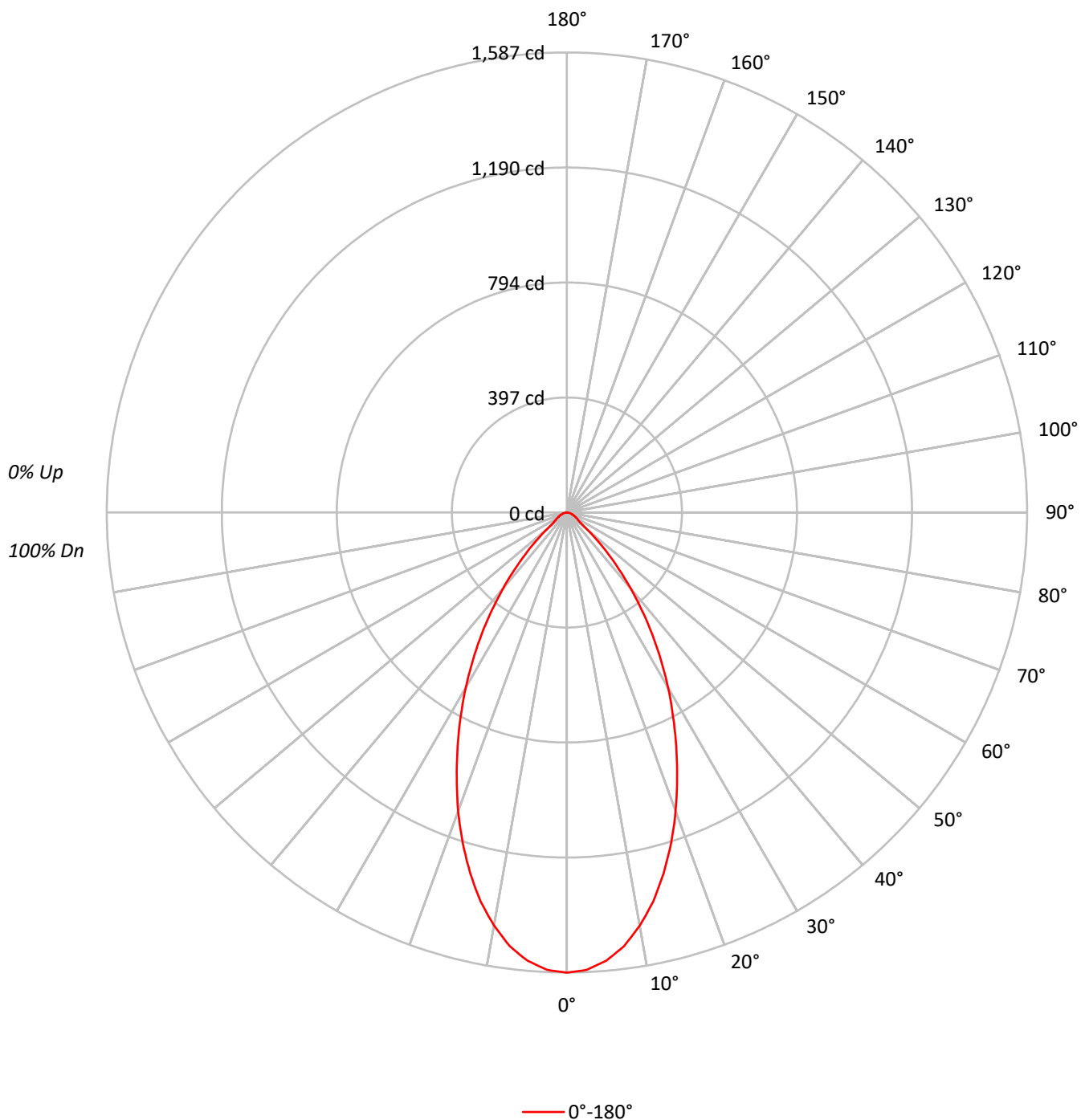
Lumens per Lamp: N/A
Luminaire Lumens: 1484.0 lumens
Efficiency: N/A
Efficacy: 51.5 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	113	110	107	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	97	93	104	99	95	92	96	93	90		93	90	88		90
3	100	93	88	83	98	92	87	83	89	85	81		87	83	80		84
4	95	86	80	76	93	85	80	75	83	78	74		81	77	73		79
5	89	80	74	69	88	79	73	69	78	72	68		76	71	68		74
6	85	75	68	64	83	74	68	64	73	67	63		71	66	63		70
7	80	70	64	59	79	69	63	59	68	62	58		67	62	58		66
8	76	66	59	55	75	65	59	55	64	58	54		63	58	54		62
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	58	52	48	67	58	52	48	57	51	48		56	51	48		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	348086
5°	341690
10°	322194
15°	292419
20°	255779
25°	215771
30°	176660
35°	137032
40°	98098
45°	62084
50°	30976
55°	18924
60°	16314
65°	14995
70°	13207
75°	12200
80°	10481
85°	10315

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 62084 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	144.9	9.8
10°-20°	358.4	24.2
20°-30°	408.2	27.5
30°-40°	319.2	21.5
40°-50°	156.8	10.6
50°-60°	48.2	3.2
60°-70°	28.6	1.9
70°-80°	15.2	1.0
80°-90°	4.5	0.3
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°	911.5	61.4
0°-40°	1230.7	82.9
0°-60°	1435.7	96.7
0°-90°	1484.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1484.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1587	
5°	1552	145
15°	1288	358
25°	892	408
35°	512	319
45°	200	157
55°	50	48
65°	29	29
75°	14	15
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1587.4
2.5°	1579.2
5°	1552.3
7.5°	1509.0
10°	1447.0
12.5°	1374.8
15°	1288.1
17.5°	1195.2
20°	1096.1
22.5°	992.9
25°	891.8
27.5°	792.7
30°	697.7
32.5°	602.8
35°	511.9
37.5°	425.2
40°	342.7
42.5°	266.3
45°	200.2
47.5°	140.4
50°	90.8
52.5°	59.9
55°	49.5
57.5°	43.3
60°	37.2
62.5°	33.0
65°	28.9
67.5°	24.8
70°	20.6
72.5°	16.5
75°	14.4
77.5°	12.4
80°	8.3
82.5°	6.2
85°	4.1
87.5°	2.1
90°	0.0

(END OF REPORT)