

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: P1255968

Luminaire Tested: P3A24R709035D010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255968
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A24R709035D010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

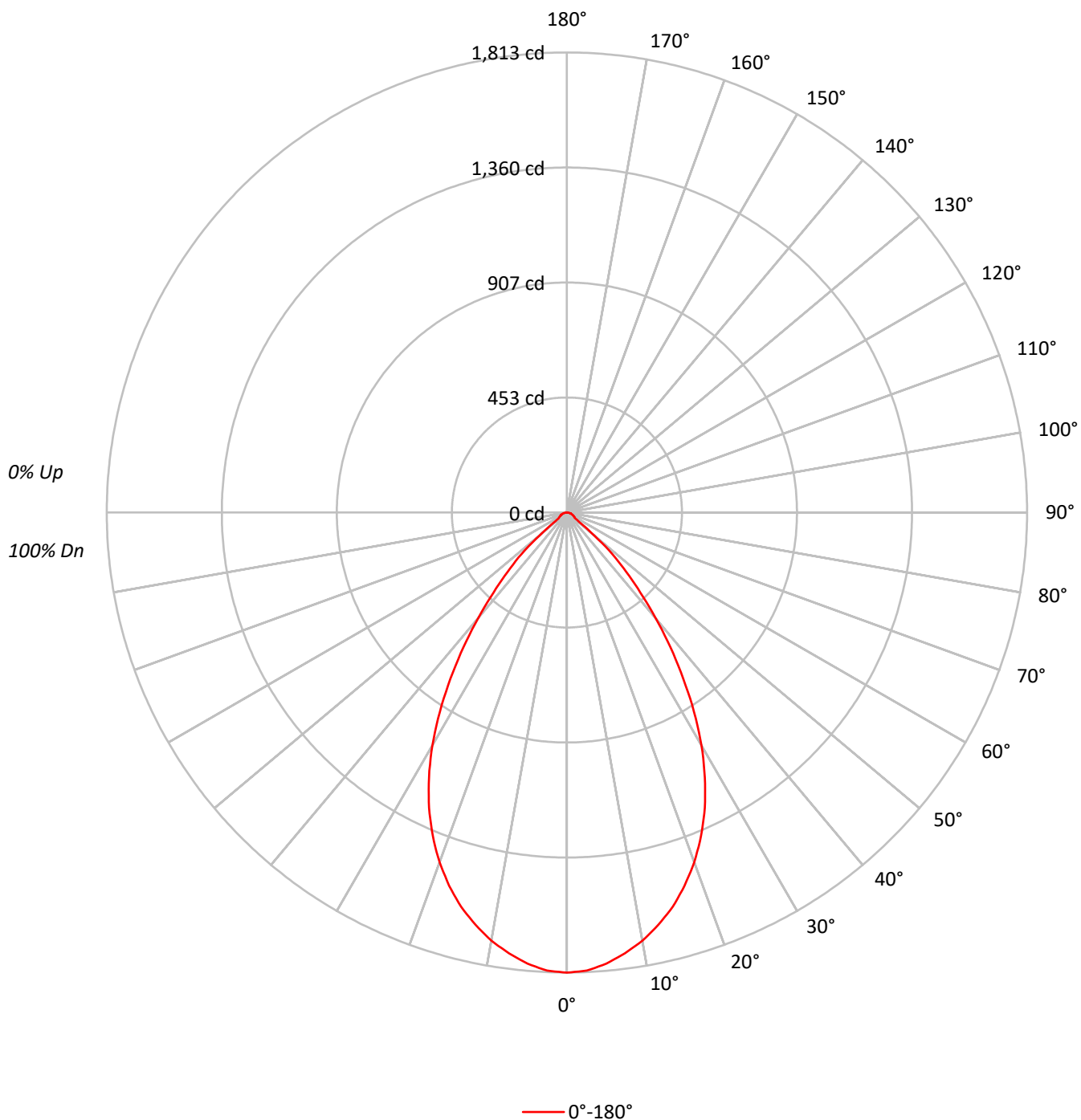
Lumens per Lamp: N/A
Luminaire Lumens: 2054.0 lumens
Efficiency: N/A
Efficacy: 71.3 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	96	93	104	99	95	92	96	93	90		93	90	88		90
3	100	93	88	83	98	92	87	82	89	85	81		86	83	80		84
4	94	86	80	75	93	85	79	75	83	78	74		81	76	73		79
5	89	80	73	69	87	79	73	68	77	72	68		75	71	67		74
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	53	74	64	58	53	63	57	53		62	57	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	50	46	66	56	50	46	55	50	46		55	49	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	397644
5°	392867
10°	381512
15°	365360
20°	342236
25°	310929
30°	268573
35°	214047
40°	155892
45°	102460
50°	47998
55°	14833
60°	14297
65°	13750
70°	13079
75°	13810
80°	12880
85°	10315

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 102460 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	168.1	8.2
10°-20°	450.4	21.9
20°-30°	585.4	28.5
30°-40°	496.7	24.2
40°-50°	256.1	12.5
50°-60°	49.4	2.4
60°-70°	26.7	1.3
70°-80°	16.4	0.8
80°-90°	4.7	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°	1203.9	58.6
0°-40°	1700.6	82.8
0°-60°	2006.1	97.7
0°-90°	2054.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2054.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1813	
5°	1785	168
15°	1609	450
25°	1285	585
35°	800	497
45°	330	256
55°	39	49
65°	26	27
75°	16	16
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1813.4
2.5°	1807.2
5°	1784.8
7.5°	1752.2
10°	1713.4
12.5°	1664.5
15°	1609.4
17.5°	1542.1
20°	1466.6
22.5°	1380.9
25°	1285.1
27.5°	1177.0
30°	1060.7
32.5°	932.2
35°	799.6
37.5°	669.0
40°	544.6
42.5°	428.4
45°	330.4
47.5°	242.7
50°	140.7
52.5°	61.2
55°	38.8
57.5°	36.7
60°	32.6
62.5°	30.6
65°	26.5
67.5°	24.5
70°	20.4
72.5°	18.4
75°	16.3
77.5°	12.2
80°	10.2
82.5°	6.1
85°	4.1
87.5°	2.0
90°	0.0

(END OF REPORT)