

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: P1252569

Luminaire Tested: P3AS17R709030DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252569
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: P3AS17R709030DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

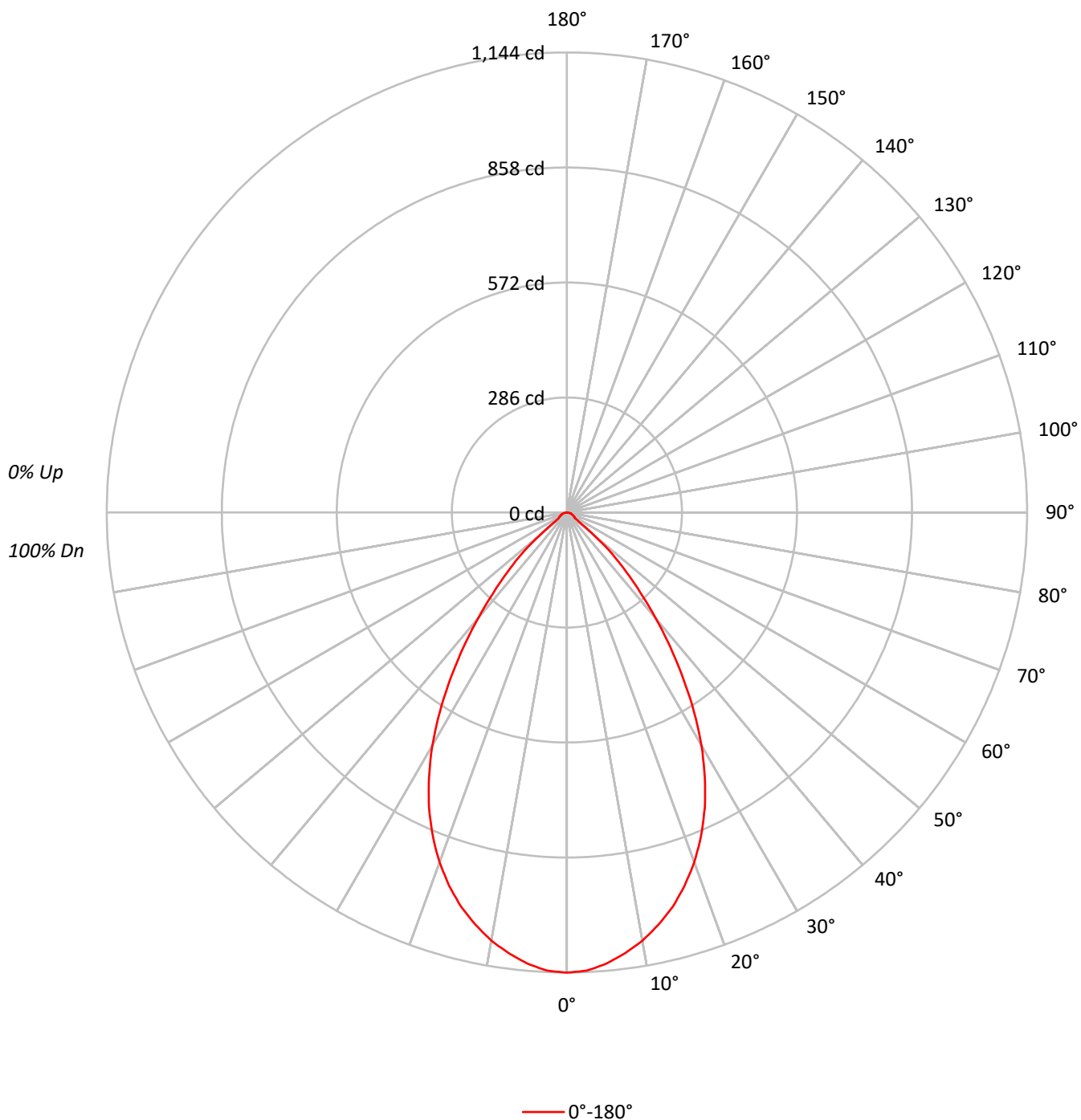
Lumens per Lamp: N/A
Luminaire Lumens: 1296.0 lumens
Efficiency: N/A
Efficacy: 61.1 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	92	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°	250901
5°	247897
10°	240721
15°	230535
20°	215945
25°	196173
30°	169469
35°	135051
40°	98356
45°	64658
50°	30293
55°	9366
60°	9034
65°	8665
70°	8271
75°	8727
80°	8082
85°	6542

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 64658 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	106.0	8.2
10°-20°	284.2	21.9
20°-30°	369.4	28.5
30°-40°	313.4	24.2
40°-50°	161.6	12.5
50°-60°	31.2	2.4
60°-70°	16.9	1.3
70°-80°	10.4	0.8
80°-90°	3.0	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°	759.6	58.6
0°-40°	1073.0	82.8
0°-60°	1265.8	97.7
0°-90°	1296.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1296.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1144	
5°	1126	106
15°	1016	284
25°	811	369
35°	504	313
45°	208	162
55°	24	31
65°	17	17
75°	10	10
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1144.2
2.5°	1140.3
5°	1126.2
7.5°	1105.6
10°	1081.1
12.5°	1050.2
15°	1015.5
17.5°	973.0
20°	925.4
22.5°	871.3
25°	810.8
27.5°	742.6
30°	669.3
32.5°	588.2
35°	504.5
37.5°	422.1
40°	343.6
42.5°	270.3
45°	208.5
47.5°	153.2
50°	88.8
52.5°	38.6
55°	24.5
57.5°	23.2
60°	20.6
62.5°	19.3
65°	16.7
67.5°	15.4
70°	12.9
72.5°	11.6
75°	10.3
77.5°	7.7
80°	6.4
82.5°	3.9
85°	2.6
87.5°	1.3
90°	0.0

(END OF REPORT)