

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: P1255276

Luminaire Tested: P3AS17R709035DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255276
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: P3AS17R709035DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

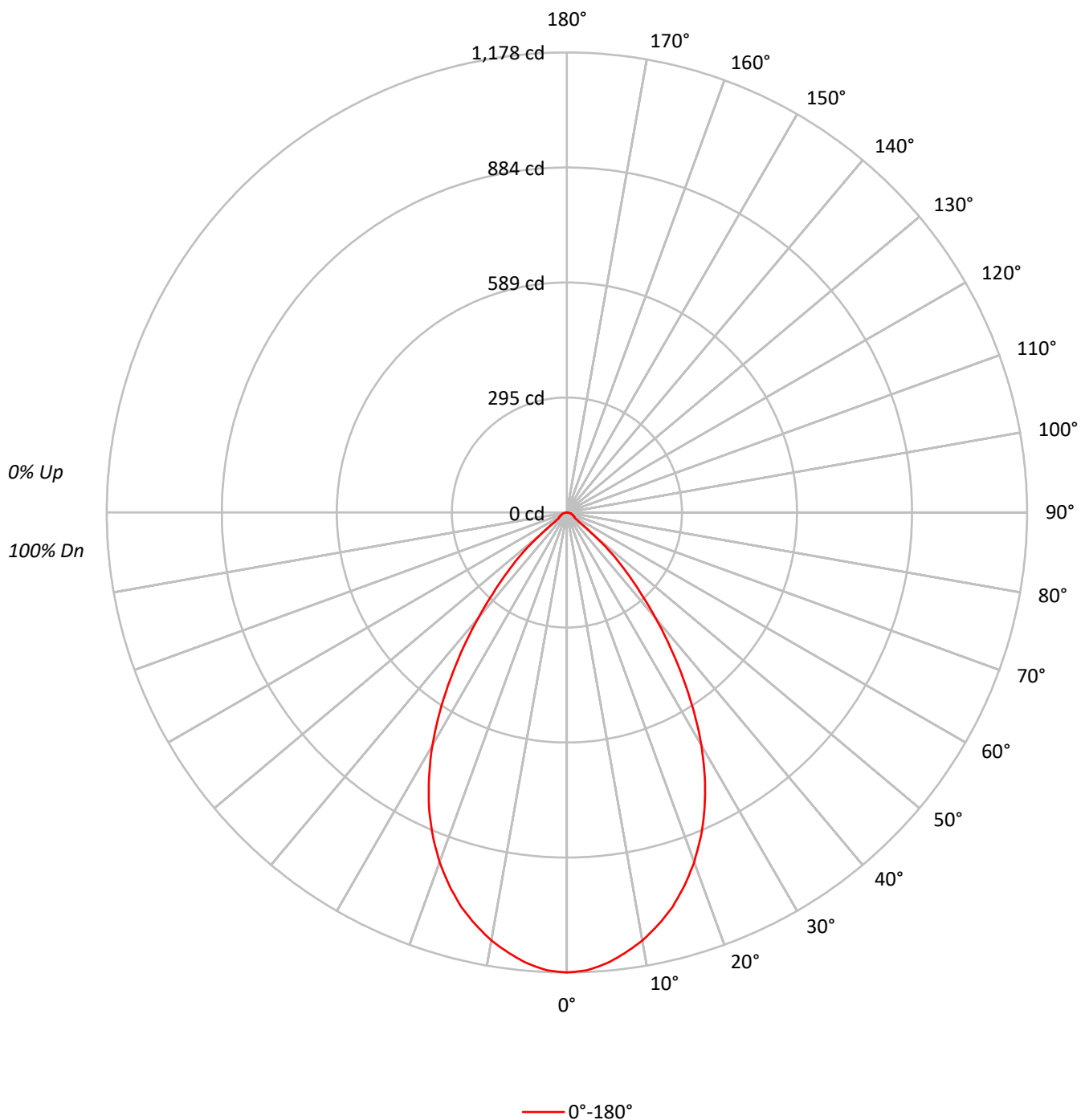
Lumens per Lamp: N/A
Luminaire Lumens: 1333.9 lumens
Efficiency: N/A
Efficacy: 62.9 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	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°	258247
5°	255161
10°	247780
15°	237277
20°	222269
25°	201931
30°	174432
35°	139013
40°	101247
45°	66550
50°	31180
55°	9634
60°	9298
65°	8924
70°	8463
75°	8981
80°	8334
85°	6542

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 66550 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	109.2	8.2
10°-20°	292.5	21.9
20°-30°	380.2	28.5
30°-40°	322.6	24.2
40°-50°	166.3	12.5
50°-60°	32.0	2.4
60°-70°	17.4	1.3
70°-80°	10.6	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°	781.9	58.6
0°-40°	1104.5	82.8
0°-60°	1302.9	97.7
0°-90°	1333.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1333.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1178	
5°	1159	109
15°	1045	293
25°	835	380
35°	519	323
45°	215	166
55°	25	32
65°	17	17
75°	11	11
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1177.7
2.5°	1173.7
5°	1159.2
7.5°	1138.0
10°	1112.8
12.5°	1081.0
15°	1045.2
17.5°	1001.5
20°	952.5
22.5°	896.9
25°	834.6
27.5°	764.4
30°	688.9
32.5°	605.4
35°	519.3
37.5°	434.5
40°	353.7
42.5°	278.2
45°	214.6
47.5°	157.6
50°	91.4
52.5°	39.7
55°	25.2
57.5°	23.8
60°	21.2
62.5°	19.9
65°	17.2
67.5°	15.9
70°	13.2
72.5°	11.9
75°	10.6
77.5°	7.9
80°	6.6
82.5°	4.0
85°	2.6
87.5°	1.3
90°	0.0

(END OF REPORT)